



MINISTERUL SĂNĂTĂȚII
AL REPUBLICII MOLDOVA



NICOLAE TESTEMITANU STATE UNIVERSITY
OF MEDICINE AND PHARMACY
OF THE REPUBLIC OF MOLDOVA



ASSOCIATION OF MEDICAL
STUDENTS AND RESIDENTS

**Med
espera**

PROGRAM BOOK XIth

International Medical Congress for Students,
Residents and Young Doctors

6-8 May, 2026
Chisinau, Republic of Moldova

General Sponsor





Program Book

MedEspera 2026

**The 11th International Medical Congress
for Students and Young Doctors**

*6-8 May 2026
Chisinau, Republic of Moldova*



NICOLAE TESTEMITANU

**Rector, Minister of Health,
Academician, Professor and Statesman**

Nicolae Testemitanu was born on August 1, 1927 in Ochiul Alb village, Balti district. He had graduated from gymnasium in Baraboi village, then he pursued his studies at the Secondary School No.1 in Balti.

In 1951 he graduated from Chisinau State Institute of Medicine (CSIM). In the same year he was admitted to fellowship training at the General Surgery Chair of Institute, in parallel carrying out his activity as a physician at the Surgery Department of Riscani District Hospital. In 1954 he was employed as Assistant Professor, then as Associate Professor, Professor and later on as Head of this Chair. He also held the position of Head Physician of the Republican Clinical Hospital and founded the Healthcare Journal.

In 1958 *Nicolae Testemitanu* defended his doctoral thesis in medical sciences. A year later, at the age of only 32, he was appointed Rector of Chisinau State Institute of Medicine. The young rector managed to establish the Faculties of Dentistry (1959), Continuing Education in Medicine (1962), Preventive Medicine (1963) and Pharmacy (1964). Due to this fact, the number of students doubled, the staffing shortage being solved in the country. He strengthened the academic staff and technical-material basis, provided equipment and teaching materials for the training process, and improved the living conditions for staff and students.

In 1963 *Nicolae Testemitanu* was appointed Minister of Health, continuing at the same time his activity at the Chair of Traumatology, Orthopedics and Surgery. As Minister, he developed strategies aimed at upgrading the healthcare system patrimony, ensuring enough healthcare specialists, improving the forms and methods of rendering healthcare services to people.

Professor Testemitanu encouraged a sufficient supply of healthcare professionals, mostly local, and the introduction of Romanian language in the medical training process, an

The 11th International Medical Congress For Students And Young Doctors

initiative for which he was dismissed from the position of Minister in 1968. Later on, he was appointed Associate Professor at the Chair of Social Medicine and Organization of Healthcare.

In 1973 he defended the thesis of Habilitated Doctor of Medical Sciences. After he had received the scientific-academic title of Professor, he was appointed Head of Social Medicine Chair, which he led until his last breath.

Nicolae Testemitanu was an experienced educator, always devoted to the cause and ideals of young generations. He published over 220 scientific papers, including 15 monographs, methodical works dedicated to public health management and the history of medicine. Under his guidance, the concept of delivering specialized medical services to the rural population had been developed, for which the State Prize in the field of Science and Technology was awarded. Also, the Chair headed by Professor Testemitanu was recognized in the USSR as a rural healthcare coordination scientific center.

Professor Testemitanu was a leading authority of the medical community in the Republic of Moldova, a brilliant scientist and Statesman who brought an essential contribution to the reformation and development of higher medical education and the enhancement of the national healthcare system. A modern primary healthcare system, functionally integrated with the specialized medicine, has been created due to his efforts.

Nicolae Testemitanu passed away on September 20, 1986. He was conferred the title of Academician of Academy of Sciences of Moldova post-mortem.

Starting from 1990 the State University of Medicine and Pharmacy of the Republic of Moldova bears the name of the brilliant scientist.

***MESSAGE OF THE MINISTER OF HEALTH
OF THE REPUBLIC OF MOLDOVA***



Dear students and young doctors,

I extend a warm welcome to you at the *Nicolae Testemitanu* State University of Medicine and Pharmacy, a space of academic excellence, professional development, and innovation in the field of health.

As Minister of Health, I consider scientific research to be one of the fundamental priorities for the sustainable development of the healthcare system. The progress of medicine is not possible without new ideas and without the active involvement of the new generation. For this reason, I firmly believe that young

people must be encouraged to engage in research, to contribute to the advancement of science, and to become the future leaders in the medical field.

The MedEspera International Congress for Students and Young Doctors represents a valuable platform for dialogue, exchange of experience, and academic affirmation. It is living proof of your extraordinary potential and your ability to bring positive changes to society. I appreciate the efforts of the Association of Students and Residents in Medicine of Moldova in organizing this event, which promotes academic excellence and civic engagement.

I hope that this congress will be, for each of you, an opportunity to learn, to make your voices heard, and to build international collaborations.

I encourage you to make the most of every moment of this event, to ask questions, to explore, and to trust your own potential. The future of the healthcare system depends on your courage, vision, and involvement.

I wish you all the best and remarkable achievements!

Yours sincerely,

**Minister of Health of the
Republic of Moldova, Emil CEBAN,**
Doctor habilitated
in medical sciences, Professor

MESSAGE OF THE FIRST VICE-RECTOR

Dear participants, colleagues, and distinguished guests,



It is my great pleasure to welcome you to the 11th edition of the *MedEspera* International Congress for Students and Young Doctors, a valuable platform that brings together aspiring medical professionals, researchers, and educators in a spirit of collaboration, innovation, and academic excellence.

This event reflects the commitment of our academic community to advancing medical knowledge, fostering interdisciplinary dialogue, and encouraging young researchers to explore, question, and contribute to the ever-evolving field of medicine and pharmacy. *MedEspera* has become a meaningful tradition, offering participants the opportunity to share ideas, present research findings, and engage with peers and mentors from diverse backgrounds.

During the Congress, participants will have the opportunity to take part in scientific sessions featuring research presentations and clinical case discussions, keynote lectures delivered by national and international experts, practical workshops and interactive sessions, as well as academic and professional networking in a dynamic environment.

I am confident that this edition of the Congress will inspire new perspectives, strengthen professional connections, and stimulate impactful discussions that will shape the future of healthcare.

On behalf of *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova, I extend my sincere appreciation to the organizers and participants for their dedication and enthusiasm. I wish you all a productive, insightful, and memorable experience.

Yours sincerely,

**First Vice-rector, Vice-rector for
Academic Activity Management,
Olga CERNEȚCHI,**
Doctor habilitated in medical sciences,
Professor.



The 11th International Medical Congress For Students And Young Doctors

***WELCOME MESSAGE
OF THE ORGANIZING COMMITTEE***

Dear colleagues and friends,

It is our pleasure to welcome you to the 11th edition of the MedEspera International Congress for Students and Young Doctors, taking place in Chişinău, Republic of Moldova, at *Nicolae Testemitanu* State University of Medicine and Pharmacy.

This year, MedEspera is held under the theme “Building a New Era of Medicine with Artificial Intelligence”, reflecting how AI is no longer the future - it is transforming medicine today, from clinical practice and diagnostics to research and education.

The congress aims to inspire young medical professionals by providing access to cutting-edge scientific knowledge through keynote lectures, workshops, and interdisciplinary sessions. It is an opportunity to develop new skills, explore diverse medical fields, and engage with peers and experts from around the world.

Since its first edition, MedEspera has grown into an internationally recognized platform for students, residents, and young doctors to share ideas, present research, and foster professional growth. We hope that this abstract book will serve as a valuable guide to the innovative research and clinical work presented during the congress.

We wish you an inspiring and rewarding MedEspera 2026.

The Organizing Committee



The 11th International Medical Congress For Students And Young Doctors

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Marcel ABRĂȘ, Vice-rector for Clinical Activity Management of *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova, MD, PhD MSc, Associate Professor

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Alexandru IAROVIOI, ASRM Member

Cătălina CUJBA, ASRM Member

06.05.2026 - Wednesday

TIME	ACTIVITY	LOCATION
14:00-20:00	Welcome kit handing	University Sociocultural Complex Nicolae Testemițanu 25 str., 1 st floor
14:00-15:30	Workshop: <i>Difficult Laparoscopic Cholecystectomy: A Step-by-Step Guide</i>	Municipal Clinic Hospital "Sf. Treime" Alecru Russo 11 str., 3 rd floor
14:00- 18:00	SimOlympic	CUSIM 31 August 1989 137 A str.
15:00-16:00	Workshop: <i>Sealing fissures in primary and permanent teeth</i>	University Dental Clinic nr.2 Mihai Viteazu 1A str., cab 309
15:00-17:00	Workshop: <i>Practical Application of Local and Regional Anesthesia in Children and Adolescents: Risks and Complications</i>	Clinic „Emilian Cotaga” Vasile Alecsandri 2 str., 3 rd floor, Surgical section, Hall Pavel Godoroja
15:00-17:00	Workshop: <i>Diagnosis of Dry Eye – Modern Methods and Practical Approaches</i>	Municipal Clinic Hospital "Sf. Treime" Alecru Russo 11 str., 5 th floor
16:00-17:00	Workshop: <i>Restoration of proximal tooth surfaces using various matrix systems</i>	University Dental Clinic nr.2 Mihai Viteazu 1A str., cab 314
19:00-20:30	MedGames	University Sociocultural Complex Nicolae Testemițanu 25 str., 1 st floor

07.05.2026 - Thursday

TIME	ACTIVITY	LOCATION
08:00-10:00	Workshop: <i>The Basics of Echocardiography in the ICU.</i>	Mother and Children's Institute Burebista 93 str.
8:30-9:00	Welcome coffee	University Sociocultural Complex Nicolae Testemițanu 25 str., 1 st floor
9:00-10:00	Opening Ceremony Moderator: Dreyah CANDICE , <i>President of MedEspera2026</i> Speakers: Emil CEBAN , <i>Minister of Health of the Republic of Moldova</i> Olga CERNEȚCHI , <i>Rector of SUMPh „Nicolae Testemițanu”</i> Jana CHIHAI , <i>Vicerektor of SUMPh „Nicolae Testemițanu”</i> Tudor TOMA, MD, PhD, FRCP , <i>Consultant Physician in Respiratory and Acute Medicine, University Hospital Lewisham Honorary Senior Lecturer at King's College London</i> Igor ZUBCU , <i>President of Health Sindical Federation</i> Ludmila SÎRBU, UNFPA MD Pavel CHISARU , <i>President of ASRM</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., 3 rd floor
10:00-11:00	Keynote: Practical Application of Generative AI in Respiratory Medicine Tudor Toma, MD, PhD, FRCP , <i>Consultant Physician in Respiratory and Acute Medicine, University Hospital Lewisham Honorary Senior Lecturer at King's College London</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., 1 st floor
10:00-10:10	Tetis MDD - A Leader in Hospital Digitalization Adrian Chiu , <i>Head og MDD Department, Tetis International Co</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., 2 nd floor
10:10-11:40	Symposium: <i>Integrating Artificial Intelligence into Modern Clinical Practice</i> Adrian Lupușor Maria Vicol	University Sociocultural Complex Nicolae Testemițanu 25 str., 2 nd floor

	<p>Radu Darciuc Pavel Mezentsev</p>	
	<p>Discussion Panel</p> <p><i>From Vision to Implementation: Immersive Technologies Transforming Healthcare</i></p> <p>Moderator: Doina Nistor, President, HiTech Park Moldova</p> <p>Speakers: Corneliu Ciorici, Advisor to the Minister of Health on Digitalization Implementing Digital Health Transformation in National Healthcare Systems</p> <p>Andrușca Alexandru, MD, Neurosurgery <i>Augmented Reality in Neurosurgery: Preoperative Planning and Minimally Invasive Approaches</i></p> <p>Ludmila Sîrbu, UNFPA MD <i>Digital solutions for equitable access to maternal and reproductive healthcare services</i></p> <p>Mădălina Valache, CadaVR, Moza Medical <i>Integration of AI-based medical simulation in universities for training healthcare professionals and preparing them for the healthcare system</i></p>	<p>University Sociocultural Complex Nicolae Testemițanu 25 str., 3rd floor</p>
10:00-11:30		
10:00-12:00	<p>Workshop: <i>The Use of Blood Derivatives (PRP and PRF Technology) in Dental and Alveolar Surgery</i></p>	<p>Dental Clinic MasterDent Vasile Lupu 81 str.</p>
10:00-13:00	<p>Workshop: <i>First Steps in Neurosurgery: Laminectomy Techniques</i></p>	<p>University Sociocultural Complex Nicolae Testemițanu 25 str., Choreography Room</p>
11:00-12:00	<p>Workshop: <i>The Value of Personalized Medical and Surgical Approaches in HTP in Children</i></p>	<p>Mother and Children's Institute Burebista 93 str., Endoscopic Section</p>
11:30-12:30	<p>Keynote: <i>Fetal Echocardiography: from Routine Screening to Precision Diagnosis in the Gynecological Office</i></p> <p>Victor Juncu, PhD Candidate at the George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mures; specialist in</p>	<p>University Sociocultural Complex Nicolae Testemițanu 25 str., 1st floor</p>

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	<i>obstetrics and gynecology with expertise in fetal medicine</i>	
11:45-12:45	<p>Keynote: <i>FOCUS on POCUS: A Practical Introduction on Point-of-Care Ultrasound for Clinicians</i></p> <p>Valeria Țurcan, MD, Diplomate of the American Board of Internal Medicine (DABIM)</p>	<p>University Sociocultural Complex Nicolae Testemițanu 25 str., 2nd floor</p>
11:45-12:45	<p>Keynote: <i>From risk to action: transforming cardiovascular prevention through Digital Health with AI</i></p> <p>Ștefan Busnatu, Associate Professor, Ph.D., Vice Rector for Information Infrastructure Development, Digitalization, and Innovative Technologies</p>	<p>University Sociocultural Complex Nicolae Testemițanu 25 str., 3rd floor</p>
11:45-13:00	<p>Keynote: <i>Transforming Drug Development with AI: From Natural Products to Nanotechnology</i></p> <p>Cristina Ciobanu, PhD in Pharmacy, Associate Professor, Head of Research Activities Faculty of Pharmacy</p> <p><i>The Role of Domestic Manufacturers in Ensuring the Country's Pharmaceutical Security</i></p> <p>Gheorghe Apostol, Balkan Pharmaceuticals Representant</p>	<p>Pharmacy Faculty, Malina Mica 66 str. Hall nr. 4, 3rd floor</p>
11:45-12:45	<p>Keynote: <i>Pelvic exenteration - "the most radical surgical approach to pelvic cancer "</i></p> <p>Mihai Emil Căpîlna, MD, PhD , Professor at the George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mures; gynecologic oncologist with extensive expertise in complex oncological surgery</p>	<p>Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., Hall 12</p>
12:00 - 13:00 13:30 -14:30 15:00-16:00	<p>Workshop: <i>Hand hygiene—the cornerstone of standard precautions in medical practice</i></p>	<p>Didactic Block nr.6 Nicolae Testemițanu 29 str., Room 510</p>
12:30-14:00	Lunch	<p>University Sociocultural Complex Nicolae Testemițanu 25 str., 1st floor</p>
13:00 - 14:30 15:00 - 16:30	<p>Workshop: <i>Advanced Simulator-Based Training in Vaginal Delivery” at the CUSIM Center</i></p>	<p>CUSIM 31 August 1989 137 A str., Room 110, 118</p>

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13:00 - 14:30 15:00 - 16:30	Workshop: <i>Out-of-hospital childbirth management</i>	CUSIM 31 August 1989 137 A str., Room P10, P19
13:00-15:00	Workshop: <i>The Basics of Planning and Placement of Endosseous Dental Implants</i>	Dental Clinic MasterDent Vasile Lupu 81 str.
13:30-14:30	Workshop: <i>Ba Duan Jin—The Past and the Present</i>	Traditional Chinese Medicine Centre Nicolae Testemitanu 26/1 str.
13:30-15:00	Workshop: <i>Extraction and characterization of polyphenolic compounds from medicinal plants</i>	Vasile Procopișin University Pharmaceutical Centre Nicolae Testemitanu 22 str.
13:30-16:00	Workshop: <i>Endoscopic ear surgery</i>	Timofei Moșneaga Republican Clinical Hospital Nicolae Testemitanu 29 str., Conference room, 9 th floor
13:30-16:30	Workshop: <i>Medicinal plants with anti-inflammatory and antimicrobial properties from the collection of the Scientific and Practical Center for Medicinal Plants at the "Nicolae Testemitanu" State University of Medicine and Pharmacy</i>	Scientific Practical Centre of Medicinal Plants Bardar, Ialoveni
13:45-14:45	Keynote: <i>SMART-MED: Smart Medical Education through Artificial Intelligence</i> Dumitru Șutoi, MD, PhD, Academic Lecturer at "Victor Babes" University of Medicine and Pharmacy, Timișoara; specialist in anesthesiology and intensive care, and founder of Private Medschool Lessons	University Sociocultural Complex Nicolae Testemitanu 25 str., 2 nd floor
13:45-14:45	Keynote: <i>AI-Assisted Orthopedic Research</i> Ștefan Stanciugelu, Research Assistant, Specialist in Orthopaedics and Traumatology, PhD (Timișoara, Romania)	University Sociocultural Complex Nicolae Testemitanu 25 str., 3 rd floor
14:00 - 14:15 14:15-14:30 14:30-14:45 14:45-15:00 15:00 - 15:15 15:15-15:30 15:30-15:45 15:45-16:00 16:00 - 16:15 16:15-16:30	Workshop: <i>Laparroscopy basic mode (LAP1, LAP2)</i>	CUSIM 31 August 1989 137 A str., Room 315

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14:00 - 14:40 14:45 - 15:25 15:30 - 16:00	Workshop: <i>Ultrasonografie eFAST (eFAST Ultrasound Course)</i>	CUSIM 31 August 1989 137 A str., Room 315
14:00 - 14:30 14:45 - 15:15 15:30 - 16:00	Workshop: <i>Techniques for Inserting Tubes and Catheters: A Workshop for Students and Healthcare Professionals</i>	CUSIM 31 August 1989 137 A str., Room P11
14:00-14:40 14:50-15:30	Workshop: <i>VR – Immersive Training for Students Using Virtual Reality</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., Room VR 1 and 2
14:00 - 14:40 14:50 - 15:30 15:40 - 16:20 16:30 - 17:10	Workshop: <i>Coronary angiography</i>	CUSIM 31 August 1989 137 A str., Room 201
14:00-15:00 15:30-16:30	Workshop: <i>Augmented Reality in Neurosurgery: Preoperative Planning and Minimally Invasive Approaches</i>	Municipal Clinical Emergency Hospital Toma Ciorba 1 str., 8 th floor
14:00-15:30	Workshop: <i>Intestinal Anastomosis Surgery: Techniques, Considerations, and Pitfalls</i>	Municipal Clinic Hospital "Sf. Treime" Alec Russo 11 str.
14:00-15:30	Workshop: <i>The steps involved in genetic analysis and its clinical applications</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., Room 610, 6 th floor
14:00-15:30	Workshop: <i>Modern Approaches in Pharmaceutical Practice Regarding the Use of Dermatological Preparations</i>	Vasile Procopișin University Pharmaceutical Centre Nicolae Testemițanu 22 str., Room 3, 2 nd floor
14:00-16:00 16:00-18:00	Workshop: <i>The Mysteries of the Human Microbiome</i>	Didactic Block nr.6 Nicolae Testemițanu 29 str., Room 208
14:00-16:00 16:30-18:00	Workshop: <i>Respiratory and Cardiac Emergencies in Pediatrics</i>	Mother and Children's Institute Burebista 93 str., Emergency room, 3 rd floor
14:00-16:00	Workshop: <i>Ophthalmoscopy</i>	Municipal Clinic Hospital "Sf. Treime" Alec Russo 11 str.
14:00-16:00	Workshop: <i>Innovations in Endovascular Surgery: Devices, Techniques, and Outlook</i>	Municipal Clinic Hospital "Sf. Treime" Alec Russo 11 str.
14:00-16:00	Workshop: <i>The Genetic Architecture of Cardiomyopathies</i>	Institute of Cardiology Nicolae Testemițanu 20 str.
14:00-16:00	Workshop: <i>Uncovering Allergies: Skin Tests, the Invisible Link Between the Immune System and Real Life</i>	Timofei Moșneaga Republican Clinical Hospital Nicolae Testemițanu 29 str., 4 th floor

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14:00-16:00	Workshop: <i>AI & VR in Surgery</i>	Institute of Oncology Nicolae Testemițanu 30 str., Department of Oncology
14:00-16:00	Workshop: <i>Simulate MDT - Tumor Board</i>	Institute of Oncology Nicolae Testemițanu 30 str., Department of Oncology
14:00-16:00	Workshop: <i>ERAS, Frailty & E-PASS</i>	Institute of Oncology Nicolae Testemițanu 30 str., Department of Oncology
14:00-16:30	Workshop: <i>Laboratory Diagnostic Errors: Causes and Prevention Methods</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., 2 nd floor
14:00-17:00	Workshop: <i>Thoracic and multi-organ ultrasound</i>	Municipal Clinic Hospital St Archangel Michael Arhanghel Mihail 38 str.
14:00-17:00	Workshop: <i>Mentoring Workshop – A Tool for the Professional Integration of Young Pharmacists into Professional Practice</i>	Vasile Procopișin University Pharmaceutical Centre Nicolae Testemițanu 22 str., Museum
14:00-17:00	Workshop: <i>Administration of antimicrobials based on diet</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., 2 nd floor, room 6/7
14:00-17:00	Workshop: <i>The role and responsibilities of the physician in conducting an on-site postmortem examination</i>	Center of Legal Medicine Vladimir Korolenko 8 str.
14:00-17:00 17:00-19:30	Workshop: <i>Basic Skills in Plastic and Reconstructive Surgery</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., Conference Room
14:00-17:00 17:00-19:30	Workshop: <i>Introduction to Microsurgery</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., Training Room
14:00-17:30	Workshop: <i>In vivo techniques for assessing hemodynamic effects in preclinical drug development</i>	Center for Molecular Medicine Ștefan cel Mare și Sfânt 165 str.
14:00-18:00	Workshop: <i>Advanced Skills in Neurosurgery: Craniotomy Techniques and Tumor Excision</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., Choreography Room
14:30-16:00	Round Table: <i>Ethical expertise in neurological conditions caused by brain dysfunctions</i> Ion Banari Viorel Cojocaru Victoria Federiuc Liviu Bezu	Didactic Block nr.4 Ștefan cel Mare și Sfânt 194B str., Hall nr.3, Basement

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14:30-15:20 15:30-16:20 16:30-17:20	Workshop: <i>Radiology in the Diagnosis of Degenerative Spinal Disorders: From High-Resolution Imaging to Diagnosis</i>	Institute of Oncology Nicolae Testemițanu 30 str., Department of Oncology Room 12
14:30-15:30	Workshop: <i>Artificial Intelligence in Ophthalmology: From Screening to Clinical Decision-Making</i>	Timofei Moșneaga Republican Clinical Hospital Nicolae Testemițanu 29 str., 8 th floor
14:30-15:30	Workshop: <i>Radiological characteristics of bone fractures in children</i>	Timofei Moșneaga Republican Clinical Hospital Nicolae Testemițanu 29 str., Department of Radiology and Imaging, 1 st floor
14:30-16:00	Workshop: <i>Developing empathy for the aging process</i>	University Clinic of Primary Health Care 31 August 1989 137a str., 3 rd floor
14:30-16:00	Workshop: <i>Treatment of pelvic fractures</i>	Emergency Medicine Institute Toma Ciorbă 1 str., Department of Traumatology nr. 1 2 nd floor
14:30-16:00	Workshop: <i>Osteosynthesis in calcaneal fractures</i>	Emergency Medicine Institute Toma Ciorbă 1 str., Department of Traumatology nr. 1 2 nd floor
14:30-16:30	Workshop: <i>Epileptic syndromes and pediatric epilepsy. Non-epileptic paroxysmal syndromes in children.</i>	Timofei Moșneaga Republican Clinical Hospital Nicolae Testemițanu 29 str., Hall A, 1 st floor
14:30-16:30	Workshop: <i>Eruptive behavior in extreme situations among children: understanding and managing rare cases</i>	Childrens Hospital nr.1 Serghei Lazo 7 str., Activity Hall
14:30-17:00	Workshop: <i>Basic surgical skills as part of the Clinical Anatomy course</i>	Morphological Block Ștefan cel Mare și Sfânt 192 str.
14:30-19:30	Workshop: <i>Ligament Reconstruction in Knee Injuries</i>	TerraMed Trandafirilor 15/4 str.
14:45-16:00	Workshop: <i>The History and Present State of Acupuncture</i>	Traditional Chinese Medicine Centre Nicolae Testemitanu 26/1 str.
15:00-16:00	Keynote: <i>Exercise Stress Testing</i> Andreea Lăcraru , Assistant Professor at the Carol Davila University of Medicine and Pharmacy, Bucharest; Specialist Cardiologist with a focus on cardiovascular	University Sociocultural Complex Nicolae Testemițanu 25 str., 2 nd floor

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	<i>prevention, cardiac rehabilitation, and exercise stress testing</i>	
15:00 -16:00	Workshop: <i>Neonatal resuscitation</i>	Perinatal Centre Burebista 93 str.
15:00 -16:00	Workshop: <i>Sealing fissures in primary and permanent teeth</i>	University Dental Clinic nr. 2 Mihai Viteazu 1A str., Room 309
15:00 -16:00	Workshop: <i>Impression-taking in Modern Dentistry: Traditional Methods and Digital Technologies</i>	University Dental Clinic nr. 2 Mihai Viteazu 1A str., Room 215
15:00-16:30	Symposium: <i>Integration of Artificial Intelligence in Aesthetic Medicine</i> Iulian Balan Oleg Mirciu	University Sociocultural Complex Nicolae Testemițanu 25 str., 3 rd floor
15:00-16:30	Workshop: <i>First steps in Emergencies: What to do and what to avoid!</i>	CUSIM 31 August 1989 137 A str., Room 120
15:00-16:30	Workshop: <i>Confocal Microscopy Equipment – A Tool for Personalized Diagnosis and Treatment</i>	Didactic Block nr.1 „Leonid Cobâleanchi” Nicolae Testemițanu 27 str.
15:00-17:00	Workshop: <i>Smart Contraception: A Personalized Approach to Choosing a Contraceptive Method</i>	Institute of Oncology Nicolae Testemițanu 30 str., Department of Oncology, 3 rd floor
15:00-17:00	Workshop: <i>Restoration of edentulous patients with maxillary alveolar ridge atrophy</i>	Dental Clinic OmniDent Mircea cel Bătrân 42 str.
15:00-17:00	Workshop: <i>Practical Application of Local and Regional Anesthesia in Children and Adolescents: Risks and Complications</i>	Clinic „Emilian Cotaga” Vasile Alecsandri 2 str., 3 rd floor, Surgical section, Hall Pavel Godoroja
15:00-17:00	Workshop: <i>Acupuncture in Dentistry</i>	University Dental Clinic nr. 2 Mihai Viteazu 1A str., Room 510
15:00-17:00	Workshop: <i>Direct dental restorations of front teeth using the injection method.</i>	University Dental Clinic nr. 1 Toma Ciorbă 42 str., Hall nr. 1, Room 205
15:00-17:00	Workshop: <i>Digital diagnostic methods in orthopedic dentistry</i>	University Dental Clinic nr. 1 Toma Ciorbă 42 str., Hall nr. 2, Room 110
15:00-17:00	Workshop: <i>Cephalometric paraclinical examination in orthopedic dentistry</i>	University Dental Clinic nr. 1 Toma Ciorbă 42 str., Hall nr. 2, Room 108
16:00-17:00	Workshop: <i>Restoration of proximal tooth surfaces using various matrix systems</i>	University Dental Clinic nr. 2 Mihai Viteazu 1A str., Room 314
16:00-17:00	Workshop: <i>Aesthetic restorations using super-nano composite</i>	University Dental Clinic nr. 2 Mihai Viteazu 1A str., Room 214

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16:00-18:00	Workshop: <i>Osteosynthesis in fractures of the humeral shaft</i>	Emergency Medicine Institute Toma Ciorbă 1 str., Department of Traumatology nr. 1 2 nd floor
16:00-18:00	Workshop: <i>Circadian Health and Applied Physiology — From Mechanisms to Practice</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., Hall nr. 1
17:00-19:00	Workshop: <i>Building excellence: developing skills for the future of biobanking</i>	Central Building Ștefan cel Mare și Sfânt 165 str., Red Hall
19:00-21:00	Social Program	



08.05.2026 - Friday

TIME	ACTIVITY	LOCATION
08:00-14:00	Scientific session: <i>Anatomy and histology</i>	Morphological Block Ștefan cel Mare și Sfânt 192 str. Hall A
08:00-14:00	Scientific session: <i>Biochemistry, molecular biology and human genetics</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., Hall nr. 12
08:00-14:00	Scientific session: <i>Cardiology Clinical cases</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., 2 nd floor
08:00-14:00	Scientific session: <i>Cardiology Oral presentations</i>	Municipal Clinic Hospital "Sf. Treime" Alecru Russo 11 str., Conference Hall
08:00-14:00	Scientific session: <i>Dentistry Clinical cases</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., 2 nd floor
08:00-14:00	Scientific session: <i>Endocrinology</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., Conference Room
08:00-14:00	Scientific session: <i>Ethics and deontology</i>	Didactic Block nr.4 Ștefan cel Mare și Sfânt 194B str., Hall nr.3, Basement
08:00-14:00	Scientific session: <i>Infectious diseases, gastroenterology and dermatovenerology</i>	Central Building Ștefan cel Mare și Sfânt 165 str., Room 205
08:00-14:00	Scientific session: <i>Neurology</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., Hall nr. 13
08:00-14:00	Scientific session: <i>Obstetrics and gynecology</i>	Municipal Clinical Hospital „Gheorghe Paladi” nr.1 Meleștiu 20 str., Lecture Hall
08:00-14:00	Scientific session: <i>Oncology, hematology and radiology</i>	Institute of Oncology Nicolae Testemițanu 30 str., Department of Oncology, Lecture Hall, 2 nd floor
08:00-14:00	Scientific session: <i>Ophthalmology and ORL</i>	Timofei Moșneaga Republican Clinical Hospital Nicolae Testemițanu 29 str.,

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		Hall A, 1 st floor
08:00-14:00	Scientific session: <i>Pediatrics</i>	Mother and Children's Institute Burebista 93 str. V. Ghețiu Lecture Hall
08:00-14:00	Scientific session: <i>Pharmacology</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., Hall nr. 13
08:00-14:00	Scientific session: <i>Pharmacy Clinical cases</i>	Pharmacy Faculty, Malina Mica 66 str. Room 9, 2 nd floor
08:00-14:00	Scientific session: <i>Pharmacy Oral presentations</i>	Pharmacy Faculty, Malina Mica 66 str. Hall nr. 4, 3 rd floor
08:00-14:00	Scientific session: <i>Pneumology, allergology and immunology</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., 1 st floor
08:00-14:00	Scientific session: <i>Public health</i>	Didactic Block nr.6 (Hygiene) Nicolae Testemițanu 26/2 str., 1 st floor
08:00-14:00	Scientific session: <i>Rheumatology and nephrology</i>	Nicolae Eșanu Lecture Hall Nicolae Testemițanu 20 str.
08:00-14:00	Scientific session: <i>Surgery Clinical cases</i>	University Sociocultural Complex Nicolae Testemițanu 25 str., 2 nd floor
08:00-14:00	Scientific session: <i>Surgery Oral presentations</i>	Timofei Moșneaga Republican Clinical Hospital Nicolae Testemițanu 29 str., Lecture Hall, 1 st floor
09:00-14:00	Scientific session: <i>Neurosurgery, orthopedics and traumatology</i>	Traumatology Hospital Ștefan cel Mare și Sfânt 190 str., Conference Hall
09:00-14:00	Scientific session: <i>Physiology and pathology</i>	Didactic Block nr.1 „Leonid Cobâleanski” Nicolae Testemițanu 27 str., Hall nr. 15
10:00-14:00	Scientific session: <i>Dentistry Oral presentations nr.1</i>	University Dental Clinic nr. 2 Mihai Viteazu 1A str., Room 407
10:00-14:00	Scientific session: <i>Dentistry Oral presentations nr.2</i>	University Dental Clinic nr. 1 Toma Ciorbă 42 str., Hall nr. 1, 3 rd floor
10:00-14:00	Scientific session: <i>Mental health</i>	Clinical Psychiatric Hospital Costiujeni 3 str., Lecture Hall, 6 th floor
11:30-14:00	Scientific session: <i>Urology</i>	Timofei Moșneaga Republican Clinical

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		Hospital Nicolae Testemițanu 29 str., Lecture Hall, 10 th floor
12:00-14:00 14:30-16:30	Workshop: <i>Basic Life Support</i>	CUSIM 31 August 1989 137 A str., Room P10, P11
12:30 - 14:30 15:00 - 17:00	Workshop: <i>ECG in rare cases: Carvajal, Naxos, Noonan, and Barlow</i>	CUSIM 31 August 1989 137 A str., Room 206
13:00-15:30	Workshop: <i>POCUS: Knobology and Lung Examination</i>	CUSIM 31 August 1989 137 A str.
14:30-16:00	Workshop: <i>Dermatological Perspectives on the Formulation of Moisturizing Creams for Skin Care. Practical Aspects and Applications.</i>	Vasile Procopișin University Pharmaceutical Centre Nicolae Testemițanu 22 str., Pharmacy Department
17:30-22:00	Closing Gala	University Sociocultural Complex Nicolae Testemițanu 25 str., 2 nd floor

Keynote Description

1. *Practical Application of Generative AI in Respiratory Medicine*

This paper analyses the implementation of generative AI models in the differential diagnosis of pulmonary pathologies. It emphasises advanced clinical data processing and its correlation with modern imaging techniques, including point-of-care thoracic ultrasound (CUSIM), for personalised management of respiratory failure.

Presented by: **Dr. Tudor Toma** - MD, PhD Consultant Physician at Lewisham and Greenwich NHS Trust, London; trained at Imperial College London; expert in respiratory and acute medicine and AI integration.

2. *Fetal Echocardiography: From Routine Screening to Precision Diagnosis in the Gynecological Office*

The presentation analyses protocols for the morphofunctional evaluation of the fetal heart, emphasising the necessary transition from basic four-chamber examination to detailed analysis of ejection tracts and Doppler flows. The focus is on increasing the diagnostic accuracy of congenital heart defects directly in outpatient gynecological practice.

Presented by: **Dr. Victor Juncu** - PhD Candidate at the *George Emil Palade* University of Medicine, Pharmacy, Science, and Technology of Târgu Mures; specialist in obstetrics and gynecology with expertise in fetal medicine.

3. *FOCUS on POCUS: A Practical Introduction on Point-of-Care Ultrasound for Clinicians*

This presentation provides a comprehensive introduction to Point-of-Care Ultrasound (POCUS) for clinicians, covering the core principles of ultrasound physics, equipment selection, and systematic image acquisition across cardiac, pulmonary, abdominal, and vascular applications. Grounded in current evidence and international credentialing standards, the talk equips attendees with a practical framework for integrating POCUS into bedside clinical decision-making as a natural extension of the physical examination.

Presented by: **Valeria Turcan**, MD, Diplomate of the American Board of Internal Medicine (DABIM)

4. *From risk to action: transforming cardiovascular prevention through Digital Health with AI*

This session analyzes the paradigm shift in preventive cardiology through the integration of digital health ecosystems and artificial intelligence algorithms. The presentation focuses on the use of predictive models for advanced cardiovascular risk stratification, facilitating the transition from simple identification of risk factors to proactive, personalized, and real-time monitored clinical interventions, with the aim of optimizing primary and secondary prevention management.

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Presented by: **Dr. Ștefan Busnatu** - Associate Professor, Ph.D., Vice Rector for Information Infrastructure Development, Digitalization, and Innovative Technologies, Bucharest, Romania.

5. *Transforming Drug Development with AI: From Natural Products to Nanotechnology*

The keynote will highlight how artificial intelligence is reshaping the drug development process—from identifying bioactive compounds to designing advanced delivery systems—while addressing both its potential and current limitations in pharmaceutical innovation.

Presented by: **Cristina Ciobanu**, PhD in Pharmacy, Associate Professor, Head of Research Activities Faculty of Pharmacy

6. *The Role of Domestic Manufacturers in Ensuring the Country's Pharmaceutical Security*

This presentation explores the vital role that local pharmaceutical producers play in safeguarding the nation's health and economic stability. By reducing reliance on international supply chains and ensuring a steady, affordable supply of essential medicines, domestic manufacturing is a cornerstone of national pharmaceutical security.

Presented by: **Gheorghe Apostol**, President of the Association of Pharmaceutical Manufacturers of Moldova

7. *SMART-MED: Smart Medical Education through Artificial Intelligence*

This presentation explores the integration of machine learning algorithms and artificial intelligence into continuing medical education. The topic focuses on the use of adaptive systems and digital simulations to refine the clinical decision-making process and enhance patient safety in critical specialties such as anesthesiology and intensive care.

Presented by: **Dr. Dumitru Șutoi**, MD, PhD, Academic Lecturer at *Victor Babeș* University of Medicine and Pharmacy, Timișoara; specialist in anesthesiology and intensive care, and founder of Private Medschool Lessons.

8. *AI-Assisted Orthopedic Research*

This session addresses the use of predictive models and computational analysis in orthopaedics and traumatology. The presentation highlights how artificial intelligence can process complex biomechanical variables to optimise implant design, refine surgical techniques, and predict long-term functional outcomes.

Presented by: **Dr. Ștefan Stanciugelu**, Research Assistant, Specialist in Orthopaedics and Traumatology, PhD., Timisoara, Romania

9. *Pelvic exenteration - “the most radical surgical approach to pelvic cancer”*

This session addresses the technical complexity of pelvic exenteration, an ultra-radical oncological surgical procedure involving “en bloc” multivisceral resection. The presentation focuses on clinical

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indications for advanced or recurrent pelvic neoplasms, management of resection margins, and reconstruction strategies to optimize local oncological control and patient survival.

Presented by: **Dr. Mihai Emil Căpîlna** - MD, PhD , Professor at the *George Emil Palade* University of Medicine, Pharmacy, Science, and Technology of Târgu Mures; gynecologic oncologist with extensive expertise in complex oncological surgery.

10. *Exercise Stress Testing*

This session focuses on the pathophysiological foundations of standardised exercise testing, an essential tool in clinical cardiology for assessing coronary reserve and functional capacity. The session discusses the interpretation of ST-segment changes, blood pressure and heart rate responses, as well as the role of the test in cardiovascular risk stratification in patients with suspected myocardial ischemia.

Presented by: **Dr. Andreea Lăcraru** - Assistant Professor at the *Carol Davila* University of Medicine and Pharmacy, Bucharest; Specialist Cardiologist with a focus on cardiovascular prevention, cardiac rehabilitation, and exercise stress testing.

Symposium

1. *Integrating Artificial Intelligence into Modern Clinical Practice*

We are pleased to announce that the following distinguished speakers will join us at the MedEspera 2026 Symposium, bringing expertise from neurology, sleep medicine, neuroimaging, and cardiac electrophysiology.

Dr. Adrian Lupușor will present on the role of artificial intelligence in sleep medicine, focusing on its impact on diagnosis, monitoring, and clinical decision-making.

Dr. Maria Vicol will discuss brain MRI interpretation in the era of AI, emphasizing a structured clinical approach and the complementary role of emerging technologies.

Dr. Radu Darciuc will address the use of artificial intelligence in the diagnosis and management of cardiac arrhythmias, highlighting its growing integration in electrophysiology practice.

Dr. Pavel Mezentsev will explore tachyarrhythmias from ECG fundamentals to AI-driven innovations in modern electrophysiology.

We look forward to welcoming them at the symposium for an engaging scientific program dedicated to the future of medicine and innovation.

2. *Integration of Artificial Intelligence in Aesthetic Medicine*

Join us for a symposium exploring the growing impact of artificial intelligence in aesthetic and reconstructive surgery, presented by **Dr. Iulian Balan** and **Dr. Oleg Mirciu**.

The session will highlight how AI is being integrated into surgical practice from preoperative planning to postoperative evaluation while offering a balanced perspective on its benefits and current limitations. An insightful discussion on innovation, precision, and the enduring role of the surgeon's expertise in the era of digital medicine.

Discussion Panel

From Vision to Implementation: Immersive Technologies Transforming Healthcare

Moderator: Doina Nistor, *President, HiTech Park Moldova*

Speakers:

Corneliu Ciorici, *Advisor to the Minister of Health on Digitalization*
Implementing Digital Health Transformation in National Healthcare Systems

Andrușca Alexandru, MD, Neurosurgery
Augmented Reality in Neurosurgery: Preoperative Planning and Minimally Invasive Approaches

Ludmila Sîrbu, UNFPA MD
Digital solutions for equitable access to maternal and reproductive healthcare services

Mădălina Valache, CadaVR, Moza Medical
Integration of AI-based medical simulation in universities for training healthcare professionals and preparing them for the healthcare system

Round Table

Ethical expertise in neurological conditions caused by brain dysfunctions

This session brings together distinguished experts in philosophy, bioethics, and medical practice to explore the complex ethical dimensions that arise in the context of neurological disorders.

Ion Banari, PhD will address the ethical dimension of medical decision-making in neurological disorders, highlighting the importance of interdisciplinary collaboration and patient-centered care.

Viorel Cojocaru, PhD will explore ethical expertise regarding brain health in inmates, focusing on vulnerability, consent, and the impact of detention on neurological integrity.

Victoria Federiuc, PhD will present the role of ethical expertise in the use of AI in neurological disorders, examining how algorithmic medicine reshapes clinical responsibility and patient care.

Liviu Bezu will discuss ethical aspects of pharmaceutical involvement in neurological treatments, emphasizing patient rights, therapeutic balance, and equitable access to care.

This round table offers a multidisciplinary perspective on one of the most sensitive and evolving areas of modern medicine, fostering dialogue between ethics, neuroscience, and clinical practice.

WORKSHOPS

GENERAL MEDICINE

I. *AUGMENTED REALITY IN NEUROSURGERY: PREOPERATIVE PLANNING AND MINIMALLY INVASIVE APPROACHES*

Alexandru Andrușca

Experience the future of digital surgery. In this workshop, you will use high-performance headsets to visualize and manipulate 3D brain anatomy in a virtual space. Without relying on physical models, you will be able to 'enter' the skull to understand the complex relationship between tumors and blood vessels. Your mission is to simulate preoperative planning: you will establish the trajectory and choose the optimal minimally invasive approach using virtual tools, testing your spatial orientation at the highest level.

II. *VR – IMMERSIVE TRAINING FOR STUDENTS USING VIRTUAL REALITY*

Dascal Mihai

Dascal Natalia

Doni Alexandra

Andronic Sinan

Budarețchi Ion

Triboi Feodora

Pozneacova-Duca Amelia

The workshop focuses on providing immersive training for students and residents through the use of virtual reality technologies and immersive video content. The activity will be held in two rooms within the Department of Pathology: VR Rooms 1 and 2. In one room, a physiology/anatomy application will be demonstrated, with a focus on cardiac function or general anatomy if I can't afford to purchase the cardiac one, and in the other room, videos on pathophysiology will be presented.

III. *SIMULATE MDT - TUMOR BOARD*

Victor Șchiopu

Gheorghe Buruiană

Valeria Pînzaru

Cristian Pînzaru

Goal: developing integrated clinical thinking by simulating a real Tumor Board.

Results: ability to analyze complex cases, interpret images and argue the therapeutic decision.

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Process: 2 clinical-imaging cases are presented, teams discuss internally, then defend their decision in plenary with feedback.

IV. ERAS, FRAILITY & E-PASS

Dr. Şchiopu Victor

Dr. Golovatii Eugen

Dr. Spînu Mihai

Purpose: training students in perioperative risk assessment and preoperative optimization according to ERAS protocols.

Results: understanding frailty, E-PASS calculation, generation of a personalized perioperative plan.

Development: theoretical introduction, simulated case work, scoring, presentations and feedback.

V. AI & VR IN SURGERY

Dr. Victor Şchiopu

Dr. Gheorghe Buruiană

Dr. Eugeniu Valic

Purpose: familiarization with the role of AI and VR in surgery, patient preparation and education.

Outcomes: understanding VR-anxiety, initiation into applied study design.

Conduct: VR/video demonstration, teamwork for study concept, presentation and synthesis.

VI. RADIOLOGY IN THE DIAGNOSIS OF DEGENERATIVE SPINAL DISORDERS: FROM HIGH-RESOLUTION IMAGING TO DIAGNOSIS

Domnica Calin

A practical workshop focused on degenerative spine diseases using high-performance CT and MRI imaging. Students will explore real clinical cases on digital workstations, identify key radiologic signs, and understand clinical–imaging correlation. The session blends interactivity, practical skills and clinical insight designed to strengthen diagnostic reasoning.

VII. RADIOLOGICAL CHARACTERISTICS OF BONE FRACTURES IN CHILDREN

Irina Cepoida

Nicolae Cucurudza

An interactive workshop designed for medical students, focused on the accurate recognition of bone fractures in children, taking into account age-related differences and the unique characteristics of the growing skeleton. You will learn how to quickly identify common fracture types (greenstick, torus, physeal), select the appropriate imaging modality, and avoid common interpretation errors. The

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workshop includes real clinical cases, step-by-step image analysis, and practical tips & tricks useful for both clinical practice and exams.

VIII. *INNOVATIONS IN ENDOVASCULAR SURGERY: DEVICES, TECHNIQUES, AND OUTLOOK*

Lupu Gheorghe

Mindrigan Eugeniu

Palamari Sergiu

Vasiliev Radu

This workshop aims to provide participants with an updated overview of the latest innovations in endovascular surgery, with a focus on new devices, modern treatment techniques and their impact on clinical outcomes. Through interactive presentations and practical demonstrations, endovascular solutions for aortic and peripheral pathology will be addressed, as well as patient selection criteria and procedural planning strategies. The workshop is oriented towards practical applicability, including discussions on real cases, tips & tricks from expert experience and analysis of common complications. It is aimed at vascular surgeons, interventional cardiologists and interventional radiologists interested in optimizing outcomes by using state-of-the-art endovascular technologies.

IX. *CORONARY ANGIOGRAPHY*

Abras Marcel

Vicol Maria-Magdalena

This workshop is designed for medical students and residents interested in interventional cardiology, offering a practical and structured introduction to diagnostic coronary angiography. Participants will gain an understanding of procedural indications, essential technical stages (vascular access, catheterization, contrast injection), as well as the fundamental principles of angiographic image interpretation.

The workshop also includes a practical component, during which participants will learn basic maneuvers such as navigating the guidewire and catheters to the coronary ostia, while developing an understanding of anatomical orientation and safe instrument control.

Relevant clinical aspects will be discussed, including the assessment of coronary lesions, the recognition of complications, and the integration of results into therapeutic decision-making (medical management vs. revascularization). The workshop features real-life case studies and interactive elements to consolidate knowledge and foster clinical reasoning.

X. *ECG IN RARE CASES: CARVAJAL, NAXOS, NOONAN, AND BARLOW*

Grejdieru Alexandra

Alexandr Ceasovschih

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Electrocardiograms will be analyzed and 4 rare clinical syndromes will be presented: Carvajal, Naxos, Noonan and Barlow syndromes with subsequent discussion of each case separately.

XI. *DIAGNOSIS OF DRY EYE – MODERN METHODS AND PRACTICAL APPROACHES*

Rodica Bîlba

Lilia Dumbrăveanu

Cristina Coşulă

Curca Stelian

Errica Spoiala

Crisina Popuşoi

Macarenco Ecaterina

Nastiuc Sabina

Călin Fedoruță

The "Diagnosis and Treatment of Dry Eye" Workshop is designed as a space for learning and exchange of experience between specialists and practitioners in the field of ophthalmology. The event offers participants the opportunity to deepen their theoretical knowledge and acquire practical skills, by presenting the most recent approaches and modern solutions applicable in clinical practice.

XII. *OPHTHALMOSCOPY*

Bîlba Rodica

This workshop is designed to provide participants with a practical and integrated approach to the main techniques of ophthalmological and optometric examination. The emphasis will be on the particularities of myopic patients, where the risk of complications is higher and early diagnosis plays a crucial role. The workshop combines theory with practical demonstrations, providing participants with useful tools to improve diagnostic accuracy and clinical management.

XIII. *ARTIFICIAL INTELLIGENCE IN OPHTHALMOLOGY: FROM SCREENING TO CLINICAL DECISION-MAKING*

Marina Papanaga

Eugeniu Bendelic

Aristia Şeremet

Interactive workshop dedicated to the application of artificial intelligence in ophthalmology, with the integration of an interdisciplinary ophtho-endocrinological perspective. Participants will learn the basic principles of AI in ocular image analysis and will witness a practical demonstration of capturing fundus images using accessible techniques (20D lens and smartphone). The images obtained will be

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analyzed using an AI platform, and the results will be discussed in a clinical context, including from the perspective of systemic pathologies with ocular impact. The workshop highlights the role of AI in screening, diagnosis and guiding therapeutic decisions in various ophthalmological and endocrine conditions.

XIV. *ENDOSCOPIC EAR SURGERY*

Didencu Alexandr

Noroc Iurie

Enachi Victor

Endoscopic ear surgery is a modern, minimally invasive approach in otologic surgery that utilizes high-definition endoscopes to visualize and treat pathologies of the external auditory canal, middle ear, and mastoid region. This technique allows surgeons to access delicate anatomical structures. This workshop will provide participants with an overview of endoscopic techniques in ear surgery, with a focus on practical applications, anatomical considerations, and contemporary strategies for managing complex otologic conditions.

XV. *UNCOVERING ALLERGIES: SKIN TESTS, THE INVISIBLE LINK BETWEEN THE IMMUNE SYSTEM AND REAL LIFE*

Brocovschii Victoria

Toma Cristina

During the workshop, students will explore the types of allergens and the role of the immune system in allergic reactions. They will learn to apply and interpret skin tests, identify their indications and contraindications, and correlate the results with the clinical picture. They will also practice the practical approach to the allergic patient and the formulation of correct recommendations.

XVI. *THE ROLE AND RESPONSIBILITIES OF THE PHYSICIAN IN CONDUCTING AN ON-SITE POSTMORTEM EXAMINATION*

Andrei Pădure

Petru Glavan

Toporet Natalia

Crime scene investigation is a criminal procedural action that enables law enforcement authorities to directly identify factual circumstances relevant to establishing the truth of the case. According to Article 120 of the Criminal Procedure Code of the Republic of Moldova, the external examination of a corpse at the place where it was discovered is carried out by the criminal investigation authority, with the participation of a forensic doctor, or if unavailable, with the participation of another physician. The examination of a corpse at the scene involves certain tasks that a physician must be aware of and apply

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during the examination, thereby providing the necessary assistance to law enforcement authorities. The purpose of the workshop is to provide the theoretical support required for a physician who, during professional activity, may be legally requested to examine a corpse at the death scene. In order to develop the skills acquired theoretically, workshop participants will engage in a practical simulation of an urgent criminal procedural measure — the crime scene investigation.

XVII. *THE STEPS INVOLVED IN GENETIC ANALYSIS AND ITS CLINICAL APPLICATIONS*

Chesov Elena

Racoviță Stela

This hands-on workshop is designed for medical students interested in genetics, molecular testing, and its clinical applications. Participants will have the opportunity to understand and experience the essential steps of DNA analysis, from biological sample to interpretation.

XVIII. *ADMINISTRATION OF ANTIMICROBIALS BASED ON DIET*

Ina Pogonea

Ovidiu Tafuni

Chiriac Tatiana

Radu Rusu

Constantin Toncoglaz

Rodica Gavrilița

This workshop will analyze the most important antimicrobials and their relationship with different foods. It will also assess the presence or deficiency of certain drugs in the participants' bodies and discuss how nutrition can influence these values, both quantitatively and qualitatively, with a direct impact on therapeutic efficiency.

XIX. *IN VIVO TECHNIQUES FOR ASSESSING HEMODYNAMIC EFFECTS IN PRECLINICAL DRUG DEVELOPMENT*

Chorețchi Ianos

The workshop will present modern in vivo approaches for assessing hemodynamic parameters in preclinical research, including femoral artery and vein cannulation in rats, PowerLab system setup, continuous blood pressure and heart rate monitoring, model drug administration, and real-time data analysis.

XX. *LABORATORY DIAGNOSTIC ERRORS: CAUSES AND PREVENTION*

METHODS

Olga Tagadiuc

Olga Mihalciuc

Ecaterina Pavlovschi

We invite you to a workshop dedicated to students, aimed at developing clinical thinking through the prism of laboratory diagnostics. During the workshop you will learn: How laboratory errors can influence clinical decisions; What are the vulnerable stages (preanalytical, analytical, postanalytical); How to recognize suspicious or clinically inconsistent results; Effective prevention and quality control strategies. The program includes clinical case studies, practical examples and interactive discussions, to understand the real impact of errors on the patient and how they can be prevented. This workshop will help you develop a critical and responsible approach to laboratory results - an essential skill for any future clinician.

XXI. *CIRCADIAN HEALTH AND APPLIED PHYSIOLOGY — FROM MECHANISMS TO PRACTICE*

Lozovanu Svetlana

Lupușor Adrian

Ganenco Andrei

Cebuc Mădălina

This workshop explores how circadian rhythms regulate essential physiological functions and how they can be integrated into medical practice. Participants will understand the neuroendocrine mechanisms of biological synchronization, discuss relevant clinical examples, and apply the concepts in interactive mini-activities. The event aims to develop applied physiological thinking and form a modern perspective on circadian medicine.

XXII. *CONFOCAL MICROSCOPY EQUIPMENT – A TOOL FOR PERSONALIZED DIAGNOSIS AND TREATMENT*

Valeriu David

Tatiana Mărițoi

Valeria Pînzaru

The morphology laboratory will be presented with an explanation of the principles of processing the piece of interest (bioptics), sectioning, staining, preparation for confocal microscopy. Presentation of the confocal microscopy equipment (operating principles).

XXIII. *BASIC SURGICAL SKILLS AS PART OF THE CLINICAL ANATOMY COURSE*

Nacu Viorel

Adam Alexandru

Gonța Kristi

Florea Constantin

Prozorovschi Daniel

Students will learn to tie knots and apply various types of sutures. Ligation of blood vessels. Conotomy.

XXIV. *SMART CONTRACEPTION: A PERSONALIZED APPROACH TO CHOOSING A CONTRACEPTIVE METHOD*

Diana Mitriuc

Practical-interactive workshop dedicated to students and residents, focused on the classification, mechanisms of action, indications and contraindications of contraceptive methods. Real clinical cases will be analyzed, with an emphasis on choosing a personalized contraceptive method according to age, comorbidities, reproductive status and patient preferences. The content is based on the WHO Medical Eligibility Criteria for Contraceptive Use, ACOG Practice Bulletins and ESHRE recommendations.

XXV. *ADVANCED SIMULATOR-BASED TRAINING IN VAGINAL DELIVERY*

Catrinici Rodica

This interactive workshop provides students and young doctors with the opportunity to safely practice the essential steps of assisting a vaginal birth using a high-fidelity obstetric simulator. Participants will learn the correct technique for assisting delivery, methods of protecting the perineum, recognizing fetal presentations, and managing common complications such as cord encirclement or shoulder dystocia. Under the guidance of expert instructors, teams will work on practical stations and participate in an integrated scenario, with real-time adjustment of maternal and fetal parameters. The workshop emphasizes the development of technical skills, effective patient communication, and team collaboration — essential skills for clinical practice. The event is ideal for participants who are new to obstetrics and gynecology.

XXVI. *OUT-OF-HOSPITAL CHILDBIRTH MANAGEMENT*

Iliadi-Tulbure Corina

Cemortan Maria

Roșca Tamara

Bejan Vlada

Abdulraghimov Ainura

Lile Rareș-Mihai

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Out-of-hospital vaginal birth refers to childbirth that occurs outside a medical institution (e.g., at home, in an ambulance, etc.), in the absence of full access to medical resources. Knowledge of out-of-hospital birth management is essential to ensure a positive birth experience and the safety of both the mother and the newborn, to enable appropriate and timely intervention in unforeseen situations, and to reduce the risk of complications prior to transfer to a medical facility. The prevention of complications such as fetal distress and postpartum hemorrhage is critical, as early identification and prompt intervention under these circumstances significantly reduce maternal and neonatal mortality and morbidity.

XXVII. *DIFFICULT LAPAROSCOPIC CHOLECYSTECTOMY: A STEP-BY-STEP GUIDE*

Pisarenco Sergiu

The workshop provides a structured approach to difficult laparoscopic cholecystectomy, with an emphasis on recognizing high-risk intraoperative situations and making sound surgical decisions. Essential aspects of hepatobiliary anatomy and topography, key landmarks for safe dissection, and the standard operative steps will be reviewed. Alternative strategies for challenging cases—including the fundus-first approach, subtotal cholecystectomy, and the indications for conversion—will be discussed using video materials and clinical scenarios.

XXVIII. *INTESTINAL ANASTOMOSIS SURGERY: TECHNIQUES, CONSIDERATIONS, AND PITFALLS*

Pisarenco Sergiu

The workshop is dedicated to the practical training of students in the field of intestinal and colonic anastomoses, with an emphasis on understanding the criteria for choosing the type of anastomosis and on the correct technical execution. The activity will address the classification of anastomoses (termino-terminal, termino-lateral, latero-lateral), the differences between manual and mechanical anastomoses, as well as the essential technical steps for their implementation. Common errors, risk factors for anastomotic dehiscence and principles of prevention will be discussed, through demonstrations and practical exercises on dedicated models.

XXIX. *TECHNIQUES FOR INSERTING TUBES AND CATHETERS: A WORKSHOP FOR STUDENTS AND HEALTHCARE PROFESSIONALS*

Culiuc Vasile

Cumpătă Serghei

The workshop “Techniques for Inserting Tubes and Catheters: A Workshop for Students and Healthcare Professionals” is designed to develop essential clinical skills through hands-on training and guided practice. It focuses on the correct insertion and management of commonly used tubes and catheters,

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emphasizing patient safety, aseptic technique, and prevention of complications. The session integrates expert demonstrations with practical simulation-based exercises to enhance precision, confidence, and procedural competence.

XXX. LAPAROSCOPY: BASIC MODULE

Ferbei Ion

Core practical modules include: Principles of central venous access using the Seldinger technique.

XXXI. BUILDING EXCELLENCE: DEVELOPING SKILLS FOR THE FUTURE OF BIOBANKING

Malcova Tatiana

Romancinco Elena

This workshop dedicated to biobank activities provides essential training on the mechanisms for managing biological samples and associated data, as well as their use for research purposes. The session covers topics related to the implementation of best practices in the collection and storage of human-derived biospecimens, as well as ethical aspects of their use in accordance with international standards for the proper operation of biobanks (ISO 20387:2018). This workshop, which combines theoretical knowledge with practical experience, is intended for students, medical residents, and scientific and academic staff.

XXXII. ULTRASONOGRAPHY EFAST (EFAST ULTRASOUND COURSE)

Malcova Tatiana

Vozian Marin

Ursu Alexandr

An eFAST learning workshop is a specialized one hour training program designed for healthcare residents working in emergency and trauma settings and medical students. It combines theoretical module with practical scanning on live models. Learners will explore the principles of ultrasound physics, scan techniques, and interpret sonographic images to rapidly detect free fluid, pleural/pericardial effusion, and hemo-pneumothorax in acutely injured patients and differentiate between normal and abnormal anatomical structures. Applying in practice of the equipped abilities may enhance diagnostic accuracy and improve patient care quality in critical situations.

XXXIII. BASIC LIFE SUPPORT

Munteanu Artur

Lungu Petru

Moşneguţu Sergiu

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The workshop teaches participants how to respond to life-threatening emergencies such as cardiac arrest, choking, and respiratory failure. It covers essential skills including CPR (cardiopulmonary resuscitation), basic airway management, with a strong focus on hands-on practice and rapid response.

XXXIV. FIRST STEPS IN EMERGENCIES: WHAT TO DO AND WHAT TO AVOID!

Savca Dumitru

This workshop focuses on the initial approach to common emergency situations, emphasizing practical actions in the first moments. What it includes:

- common scenarios (e.g. syncope, seizures, burns, epistaxis, etc.);
- clear, practical explanations;
- simple demonstrations.

What participants will learn:

- how to recognize an emergency;
- what to do and what to avoid.

Target audience:

- students (all faculties and years)

Objective: Participants will gain a practical understanding of how to respond safely and effectively in emergency situations.

XXXV. THE MYSTERIES OF THE HUMAN MICROBIOME

Greta Bălan

Iaconi Oana-Simina

Lungu Ludmila

The workshop “Mysteries of the Human Microbiome” invites medical students on a fascinating journey into the microscopic universe that unexpectedly shapes the functioning of the human body. Through the analysis of real clinical cases, you will discover how imbalances in the intestinal microbiota can trigger surprising symptoms and influence the progression of conditions far beyond the field of gastroenterology. The event highlights cutting-edge research technologies, from next-generation sequencing to innovative tools for interpreting microbial diversity, and reveals how the microbiome communicates with the nervous system, immunity, and even our metabolism. It is a unique opportunity to look at medicine through the lens of an invisible yet essential ecosystem and to understand how this perspective opens new pathways in diagnosis, prevention, and personalized therapies.

XXXVI. HAND HYGIENE—THE CORNERSTONE OF STANDARD PRECAUTIONS IN MEDICAL PRACTICE

Ion Berdeu

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Diana Spătaru

Luminița Guțu

Hand hygiene represents the most fundamental and effective intervention in preventing the transmission of pathogens within healthcare settings. By adhering strictly to established hygiene protocols, medical staff significantly reduce the risk of cross-contamination among patients, equipment, and surfaces. This practice, supported by robust epidemiological evidence, stands as a cornerstone of infection control programs and serves as a key indicator of healthcare quality. The consistent implementation of hand hygiene not only reduces the incidence of healthcare-associated infections and antimicrobial resistance, but also contributes to strengthening an organizational culture oriented toward patient safety.

XXXVII. EPILEPTIC SYNDROMES AND PEDIATRIC EPILEPSY. NON-EPILEPTIC PAROXYSMAL SYNDROMES IN CHILDREN.

Hadjiu Svetlana

Călcîi Cornelia

Topics that encompass the most severe neuropsychiatric complications in children will be discussed, such as: (1) Intracranial hypertension syndrome in children, diagnostic approach and management; (2) Febrile seizures in young children: clinical manifestations, diagnosis, treatment.

XXXVIII. NEONATAL RESUSCITATION

Larisa Crivceascaia

Liuba Dascaluc

Oclanscaia Ludmila,

This workshop aims to provide students with a structured and applied introduction to the management of the newborn requiring immediate intervention in the delivery room. Participants will explore the fundamental principles of the neonatal resuscitation algorithm according to the latest guidelines, learn the correct techniques of positive pressure ventilation and practice the use of specific equipment. The activity includes practical demonstrations on simulation manikins, case discussions and practicing effective communication skills in the resuscitation team. The workshop is aimed at all students interested in neonatology, pediatrics, obstetrics or emergency medicine.

XXXIX. ERUPTIVE BEHAVIOR IN EXTREME SITUATIONS AMONG CHILDREN: UNDERSTANDING AND MANAGING RARE CASES

Alexandru Voloc

Ala Holban

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An academic workshop, with a scientific and practical character, will be held for students and residents, oriented towards interactivity and clinical applicability. Rare diseases, including those with eruptive manifestations, present significant diagnostic and therapeutic challenges, especially in children. The workshop dedicated to this topic will offer students and residents: a structured presentation on clinical cases, with interactive discussion activities on cases; recommendations from updated guidelines and approach strategies, essential for overcoming the knowledge deficit. The general goal of the proposed workshop is to improve the level of theoretical and practical knowledge regarding the identification, management and multidisciplinary approach to eruptive manifestations in rare diseases in children, with an emphasis on real clinical cases and current directions of diagnosis and treatment."

XL. RESPIRATORY AND CARDIAC EMERGENCIES IN PEDIATRICS

Lilia Romanciuc

Olga Cîrstea

Session 1: Pediatric Respiratory Emergencies (45-60 minutes)

Specific Objectives

- Rapid recognition of acute respiratory failure in children
- Differentiation of the main respiratory emergency syndromes
- Correct decision regarding initial stabilization and transfer

XLI. THE VALUE OF PERSONALIZED MEDICAL AND SURGICAL APPROACHES IN HTP IN CHILDREN

Bernic Jana

Gîncu Gheorghe

Assessment of medical and surgical tactics in PH individualized depending on the level of transhepatic perfusion block, the degree of esophageal varices, the presence of episodes of bleeding through variceal eruption. The role of upper digestive endoscopy in the prophylaxis and treatment of bleeding through variceal eruption. Endoscopic elastic ligation of esophageal varices.

XLII. THE BASICS OF ECHOCARDIOGRAPHY IN THE ICU.

Frunze Dumitru

Basics of echocardiography at the ICU level, Echogenic windows, Visualization of cardiac structures and function.

XLIII. BA DUAN JIN—THE PAST AND THE PRESENT

Fişer Lucia

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JIN Jianjun

YAN Chunlu

BA DUANJIN is a very ancient form of Qigong, used for health, energy and balance. It contains 8 simple and slow movements. It combines movement, breathing and concentration. Participants will practice these movements and explore their importance for health.

XLIV. THE HISTORY AND PRESENT STATE OF ACUPUNCTURE.

Fişer Lucia

JIN Jianjun

YAN Chunlu

Participants will learn about the history of acupuncture. Indications, Contraindications, Acupuncture Location, Acupoint Techniques.

XLV. TREATMENT OF PELVIC FRACTURES

Grigore Sîrghi

Do you want to truly understand how pelvic fractures are treated? Participate in an intensive workshop where you will go beyond theory and actually work on casts, simulating real interventions alongside specialists.

XLVI. OSTEOSYNTHESIS IN FRACTURES OF THE HUMERAL SHAFT

S Ursu

D.Hincota

Turn theory into real skills! In this workshop you will learn and apply essential osteosynthesis techniques for humeral fractures, in a practical and interactive environment.

XLVII. OSTEOSYNTHESIS IN CALCANEAL FRACTURES

Mihaela Sîromeatnicov

Hîncota Dumitru

Nicolae Caproş

Gheorghe Buruiană

Ursu Sergiu

Cujba Rodion

Discover the complexity of calcaneal fractures in a hands-on workshop where you will practice essential surgical techniques and learn through direct experience.

XLVIII. LIGAMENT RECONSTRUCTION IN KNEE INJURIES

Nicolae Erhan

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Ion Stupac

An extensive workshop for a complete experience. For 5 hours you will have access to live surgical interventions and will understand in detail modern techniques such as spinal endoscopy and ligament reconstruction, complemented by real practice on casts.

DENTISTRY

I. RESTORATION OF EDENTULOUS PATIENTS WITH MAXILLARY ALVEOLAR RIDGE ATROPHY

Sirbu Dumitru

Severe alveolar ridge atrophy requires advanced therapeutic solutions, based on the use of alternative implants (zygomatic, pterygoid, angled), which allow for rehabilitation without extensive bone augmentation. The workshop benefits from the direct involvement of faculty members from the Department of Oral and Maxillofacial Surgery and Oral Implantology “Arsenie Guțan,” ensuring a rigorous academic framework and a clinical approach grounded in experience and scientific evidence. Students and residents will acquire up-to-date knowledge and the basic practical skills necessary for the modern management of cases with severe atrophy, under the direct supervision and guidance of faculty members from the Department of Oral and Maxillofacial Surgery and Oral Implantology “Arsenie Guțan.

II. THE USE OF BLOOD DERIVATIVES (PRP AND PRF TECHNOLOGY) IN DENTAL AND ALVEOLAR SURGERY

Motelica Gabriela

The workshop “The Use of Blood Derivatives (PRP and PRF) in Dentistry and Oral and Maxillofacial Surgery” is designed as a theoretical and practical educational program aimed at deepening participants’ understanding of modern tissue regeneration concepts applied in dental practice. Participants will gain a clear understanding of the fundamental principles of PRP (Platelet-Rich Plasma) and PRF (Platelet-Rich Fibrin) technologies, with an emphasis on the biological and functional differences between them, as well as their mechanisms of action in tissue healing and regeneration processes. The workshop places particular emphasis on clinical applicability by presenting current indications for the use of PRP and PRF in dentistry and oral surgery, as well as a critical analysis of the advantages and limitations of these techniques in various clinical contexts. The practical component includes a demonstration of the steps involved in blood collection, processing, and handling, familiarization with the necessary equipment and supplies, and adherence to standardized protocols for obtaining blood derivatives. Finally, participants will practice integrating PRP/PRF technologies into personalized treatment plans through

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the analysis of clinical cases and the development of optimal therapeutic strategies tailored to patients' individual needs.

III. THE BASICS OF PLANNING AND PLACEMENT OF ENDOSSEOUS DENTAL IMPLANTS

Motelica Gabriela

The oral implantology workshop for students is designed as a theoretical and practical educational activity intended to introduce participants to the fundamental principles of implant-supported prosthetic rehabilitation. It offers a structured approach to the essential stages of oral implantology, from preoperative planning and case selection to implant placement under controlled preclinical conditions. Through demonstrations and practical exercises on simulation models, students become familiar with the instruments and equipment specific to implantology, developing basic skills in their handling and adherence to surgical protocols. The workshop aims to build a solid foundation of knowledge and skills necessary for the understanding and subsequent application of oral implantology in clinical practice.

IV. SEALING FISSURES IN PRIMARY AND PERMANENT TEETH

Stepco Elena

Plamadeală Svetlana

Hristea Elena

Tonofa Irina

Ștefăneț Veronica

Sealing fissures in primary and permanent teeth is a modern, minimally invasive preventive method with proven effectiveness in preventing occlusal caries. In the primary dentition, sealing plays an important role in maintaining the integrity of the dental arch and preventing complications that may affect the development of the permanent dentition. In young permanent dentition, particularly in the six- and twelve-year molars, this method helps protect immature, insufficiently mineralized enamel during the period of increased caries risk. Student participation in a workshop dedicated to fissure sealing helps consolidate theoretical knowledge and develop practical skills regarding case selection, isolation technique, correct application of the material, and evaluation of sealant retention.

V. RESTORATION OF PROXIMAL TOOTH SURFACES USING VARIOUS MATRIX SYSTEMS

Stepco Elena

Bălțeanu Olga

Gonța Tatiana

Furdui Cristian

Globa Mihai

Proximal carious lesions or loss of tooth structure resulting from dentoalveolar trauma are common clinical situations in dental practice. Proper restoration of these surfaces is essential for restoring masticatory function and tooth morphology, as well as for preventing. The choice of the matrix system must be adapted to the type of restoration, the location of the tooth, and the degree of coronal destruction. A correct approach, based on biological and biomechanical principles, ensures the long-term success of proximal restorations and the maintenance of the health of the dento-maxillary system.

VI. PRACTICAL APPLICATION OF LOCAL AND REGIONAL ANESTHESIA IN CHILDREN AND ADOLESCENTS: RISKS AND COMPLICATIONS

Porosencov Egor

Ciupac Sergiu

Ursu Danis

Regional anesthesia in the maxillofacial region in children and adolescents is an essential component of pediatric dental and surgical practice; however, the anatomical and physiological characteristics of the growing patient require a careful approach, based on a thorough understanding of anatomical landmarks and associated risks. In the pediatric context, understanding the age-related variations of these landmarks is just as important as their identification itself, since craniofacial development causes progressive changes in anatomical relationships, influencing both the effectiveness of the anesthetic technique and its safety profile. This workshop will systematically address theoretical aspects regarding the indications, contraindications, risks, and complications of regional anesthesia in the pediatric maxillofacial field, with an emphasis on the morphological and functional characteristics of different age groups. Additionally, techniques for correctly identifying anatomical landmarks, adjusting doses based on body weight and the prevention of intra- and postoperative incidents, as well as to simulate the main types of regional anesthesia on training manikins under controlled conditions, facilitating the consolidation of technical skills and the development of the abilities necessary for safe and effective clinical practice.

VII. IMPRESSION-TAKING IN MODERN DENTISTRY: TRADITIONAL METHODS AND DIGITAL TECHNOLOGIES

Diana Uncuța

Olga Cheptanaru

Svetlana Melnic

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The workshop 'Impression-Taking in Contemporary Dentistry: Traditional Methods and Digital Technologies' is designed for students and residents interested in modern protocols for taking dental impressions. The session will present and compare the principles, indications, advantages, and limitations of conventional and digital impression-taking. Participants will understand the differences between traditional impression materials and intraoral scanning technology, as well as their impact on the accuracy of prosthetic work. The workshop includes a brief theoretical section followed by a practical demonstration and hands-on interaction with the materials and the intraoral scanner.

VIII. AESTHETIC RESTORATIONS USING SUPER-NANO COMPOSITE

Diana Uncuța

Tatiana Porosencova

Irina Ivasiuc

Mariana Calitca

The 'Aesthetic Restorations with Super-Nano Composite' workshop is a hands-on workshop designed for students, residents, and young dentists interested in direct aesthetic restorations in the anterior and posterior regions. Participants will learn the principles of shade selection, the correct layering of the super-nano composite, modern anatomical modeling techniques, as well as finishing and polishing protocols to achieve an optimal aesthetic and functional result. The workshop includes a brief theoretical section followed by a hands-on practical session on dental models, under the guidance of the coordinators.

IX. DIRECT DENTAL RESTORATIONS OF FRONT TEETH USING THE INJECTION METHOD.

Gorea Corneliu

Students participating in this workshop will have the opportunity to learn about the technique of injecting flowable composites in direct dental restorations of anterior teeth. We will put into practice the steps involved in directly restoring both dental function and aesthetics, including fabricating the core from transparent silicone material, injecting the composite, grinding and polishing the restoration, and evaluating the final result.

X. ACUPUNCTURE IN DENTISTRY

Fala Valeriu

Victor Lăcustă

The "Acupuncture in Dentistry" workshop offers an introductory overview of the main concepts of acupuncture and their relevance to dental practice from an integrative perspective. The workshop will cover concepts related to energy meridians, key points in the oromaxillofacial region, and tongue

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diagnosis, as part of an approach that evaluates the patient holistically. At the same time, the workshop will highlight how these principles can be applied in dentistry to support patient comfort, pain management, and the optimization of the therapeutic approach. The aim of the presentation is to provide participants with a clear, coherent, and practical introduction to a modern approach based on the integration of traditional concepts with current scientific evidence.

XI. DIGITAL DIAGNOSTIC METHODS IN ORTHOPEDIC DENTISTRY

Vadim Oineagra

Veaceslav Zuev

Marcel Bujor

The workshop “Digital Diagnostic Methods in Orthopedic dentistry” is designed as a theoretical and practical module aimed at familiarizing participants with the modern technologies used in contemporary dental diagnostics. The workshop will cover the basic concepts, stages, and analytical methods of digital diagnostics, as well as their clinical applications. Participants will have the opportunity to observe presentations of real cases, including the use of optical impressions, occlusion analysis via the T-Scan system, and functional evaluation via digital electromyography. The workshop emphasizes the integration of these methods into current practice, contributing to increased diagnostic accuracy and the development of personalized treatment plans.

XII. CEPHALOMETRIC PARACLINICAL EXAMINATION IN ORTHOPEDIC DENTISTRY

Oleg Solomon

Mariana Ceban

Victor Ceban

The workshop “Cephalometric Paraclinical Examination in Orthopedic dentistry” is designed to explore the role of cephalometry as an essential diagnostic method in modern dental practice. Participants will gain an understanding of the basic principles of cephalometric analysis and its importance in evaluating dento-maxillary relationships and planning orthodontic treatment. The workshop will feature a teleradiographic analysis based on a clinical case, offering a practical perspective on data interpretation and its application in treatment decisions. The session will be complemented by interactive questions and discussions designed to reinforce knowledge and clarify relevant clinical aspects.

PHARMACY

I. DERMATOLOGICAL PERSPECTIVES ON THE FORMULATION OF MOISTURIZING CREAMS FOR SKIN CARE. PRACTICAL ASPECTS AND APPLICATIONS.

Nicolae Ciobanu

Diana Guranda

Cristina Ciobanu

Rodica Solonari

Practical workshop on the formulation of moisturizing creams for skin care, focused on the principles of pharmaceutical technology, the selection of raw materials and the evaluation of the quality of final products, carried out in compliance with Good Manufacturing Practices (GMP).

II. MEDICINAL PLANTS WITH ANTI-INFLAMMATORY AND ANTIMICROBIAL PROPERTIES FROM THE COLLECTION OF THE SCIENTIFIC AND PRACTICAL CENTER FOR MEDICINAL PLANTS AT THE "NICOLAE TESTEMIȚANU" STATE UNIVERSITY OF MEDICINE AND PHARMACY.

Calalb Tatiana

Cojocaru-Toma Maria

Benea Anna

Fursenco Cornelia

Ohindovschi Angelica

Practical activities within the medicinal plant collection for the study of species with anti-inflammatory and antimicrobial properties:

- Evaluation of the medicinal plant collection at the CȘPDPM of the USMF "Nicolae Testemițanu," using taxonomic, chemical, therapeutic, and application-related criteria.
- Identification of plant species and plant products belonging to various classes of chemical compounds, as well as the rules for collecting and processing plant products.
- Analysis of plant products derived from species with anti-inflammatory and antimicrobial potential, for application in pharmacotherapy.
- Determination of the mechanisms of action of active compounds and analysis of the pharmaceutical forms appropriate for their therapeutic use.

III. MENTORING WORKSHOP – A TOOL FOR THE PROFESSIONAL INTEGRATION OF YOUNG PHARMACISTS INTO PROFESSIONAL PRACTICE

Dogotari Liliana

Buliga Valentina

Chiopu Tatiana

Chițan Elena

Sîbii Lucia

The mentoring lab will aim to guide students in their careers to ensure their rapid and effective integration into professional practice. Students and residents will have the opportunity to learn directly from the practical experience of those already working in the pharmaceutical sector, will build connections, will have the chance to ask direct questions and receive honest answers, and will gain an understanding of the diversity of careers in the field thanks to the presence of professionals from various institutions.

IV. MODERN APPROACHES IN PHARMACEUTICAL PRACTICE REGARDING THE USE OF DERMATOLOGICAL PREPARATIONS

Eleni Vladimir

The workshop offers a practical perspective on the proper selection and use of topical pharmaceutical formulations. Emphasis will be placed on matching the base formulation, excipients, and active ingredient to the specific characteristics of the patient's condition and skin. Participants will gain practical skills for tailoring recommendations to the clinical context.

V. EXTRACTION AND CHARACTERIZATION OF POLYPHENOLIC COMPOUNDS FROM MEDICINAL PLANTS

Ana Casian

Igor Casian

The Laboratory of Phytochemistry and Bioanalysis at the Center for Drug Development is a scientific unit whose objectives include the search for new sources of pharmacologically active substances in native flora, both wild and cultivated, the development of methods for their standardization, and technologies for obtaining extractive products and individual substances under laboratory conditions. The seminar will cover general approaches to the extraction of polyphenolic compounds from plant material, both for the preparation of analytical samples and for preparative purposes, taking into account the physicochemical properties of this group of biologically active substances. Additionally, the qualitative and quantitative analysis of polyphenols using chromatographic and spectroscopic methods

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will be discussed. The seminar is designed for undergraduate and graduate students who wish to broaden their horizons in the field of phytochemical research.

INTERNATIONAL

I. BASIC SKILLS IN PLASTIC AND RECONSTRUCTIVE SURGERY

SSCR Braşov

Basic Skills in Plastic and Reconstructive Surgery This workshop is designed for students interested in plastic and reconstructive surgery, providing a solid foundation for understanding the fundamental principles and techniques in this field. Designed in an interactive and hands-on format, the workshop aims to familiarize participants with the essential elements required for developing basic surgical skills. During the congress, society members will lead the “Basic Skills in Plastic and Reconstructive Surgery” workshop, offering participants the opportunity to learn directly from colleagues actively involved in clinical training. During the workshop, participants will explore an introduction to plastic and reconstructive surgery, learn to use general and specific surgical instruments, and understand the main procedures used in this type of surgery. Emphasis is also placed on important concepts such as the proper handling of sensitive tissues, the creation of locoregional flaps, and the application of suturing techniques, including tendon sutures. The hands-on format of the workshop provides an opportunity to directly practice the techniques presented, contributing to the development of dexterity, precision, and attention to detail. Through this practical approach, participants will build confidence in their own abilities and acquire essential skills for their careers in the medical field, particularly in the area of plastic and reconstructive surgery."

II. INTRODUCTION TO MICROSURGERY

SSCR Braşov:

Introduction to Microsurgery This workshop offers an introduction to the world of microsurgery, a field of surgery that requires a high degree of precision and technical finesse. The workshop is specifically designed for students who wish to develop advanced practical skills and understand the basic principles of working on a microscopic scale. During the conference, society members will lead the Introduction to Microsurgery workshop, offering participants the opportunity to work in an interactive environment and discover the specific challenges of this field. During the workshop, participants will go through the essential steps of getting started in microsurgery: from understanding the specific instruments to practicing basic techniques under a magnifying glass. Techniques such as tying knots and performing fine sutures will be covered, along with introductory concepts regarding anastomoses, all conducted in a setting that encourages learning through practice. Through this experience, participants will develop

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essential skills such as steadiness, coordination, and attention to detail—elements indispensable in high-precision surgery and in their future professional development.

III. ADVANCED SKILLS IN NEUROSURGERY: CRANIOTOMY TECHNIQUES AND TUMOR EXCISION

SSCR Iași

Are you interested in neurosurgery? Then this is the place for you. In this workshop, you'll take your first steps in learning basic craniotomy techniques in an engaging way, covering both the theoretical and practical aspects of well-known neurosurgical conditions. In the second part of the workshop, you'll have the chance to dissect brain tissue as you attempt to excise a tumor model.

IV. FIRST STEPS IN NEUROSURGERY: LAMINECTOMY TECHNIQUES

SSCR Iași

Then this is the place for you. In this workshop, you will take your first steps in learning basic techniques in spinal surgery, such as laminotomy and laminectomy, in an engaging way, covering both the theoretical and practical aspects of well-known neurosurgical conditions, such as herniated discs, spinal trauma, and tumor pathology.

V. THE GENETIC ARCHITECTURE OF CARDIOMYOPATHIES

Mazur-Nicorici Lucia

Vetřilă Snejana

Cuzmuc Artiom

Participation in the workshop will provide an integrated, current and applied approach, connecting molecular genetics with modern clinical practice. By combining the theoretical foundation with case analysis and discussion of innovative therapies, the event aims to strengthen the participants' skills in early diagnosis and individualized management of genetic cardiomyopathies under the guidance of our trainers: Prof. Dr. Lucia Mazur-Nicorici, Assoc. Prof. Mariana Sprincean, Assoc. Prof. Snejana Vetřilă in collaboration with Prof. Stefania Vetřila Imperial University, United Kingdom.

VI. DEVELOPING EMPATHY FOR THE AGING PROCESS

Șalaru Virginia

Gîtu Lora

Ludmila Postica

Ecaterina Scorță

Maria Muntean

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The purpose of the workshop is to strengthen students' skills in an empathetic and non-discriminatory attitude toward the aging process and to improve the efficiency of medical care given to elderly patients. Objectives: at the end of the workshop the participants will be able to:

1. To relate and understand aging-related changes in the visual analyzer, hearing, and manual dexterity
2. Understand the importance of keeping older people active and engaged.
3. To identify the different causes of confusion in older adults.
4. To create a friendly environment for the elderly.

VII. THORACIC AND MULTI-ORGAN ULTRASOUND

Tudor Toma

Dumitru Chesov

Alexandru Corlăteanu

The workshop aims to provide participants with a practical introduction to the use of pleuro-pulmonary ultrasonography as a modern method for the rapid assessment of respiratory pathology. The session will be conducted in an interactive format, designed for a limited number of approximately 25–30 participants, to facilitate hands-on learning and direct exchange of experience. During the hands-on session, participants will have the opportunity to familiarize themselves with the technique of pleuro-pulmonary ultrasound examination, to identify the main landmarks and ultrasound signs, and to practice performing the examination under the guidance of Dr. Tudor Toma, a renowned specialist in the field of at the Lewisham and Greenwich NHS Trust (London), who will coordinate the practical session and share his clinical experience.

VIII. POCUS: KNOBOLOGY AND LUNG EXAMINATION

Țurcanu Valeria

This hands-on introductory workshop offers clinicians with no prior POCUS experience a practical foundation in ultrasound principles and machine operation, with just enough knobology to start acquiring meaningful images independently. Using lung ultrasound as the clinical anchor, participants will learn to distinguish normal from key pathological findings at the bedside, leaving with the confidence and framework to continue developing their POCUS skills in practice.

SCIENTIFIC SESSION

I. ANATOMY AND HISTOLOGY

Chairman: Catereniuc Iliia, Dr. hab. MSc, professor

Members: Saptefrati Lilian, Dr. hab. MSc, professor
Globa Tatiana, PhD MSc, associate professor
Babuci Angela, PhD MSc, associate professor
Globa Lilian, PhD MSc, associate professor

Secretary: Sorina Schiriliu

1. *THE EFFICACY OF THE SERRATUS ANTERIOR PLANE BLOCK (SAPB)*

Author: Valeria Camerzan

Scientific adviser: Radu Tudor Turchin, MD, PhD, Associate Professor, Department of Anatomy and Clinical Anatomy, *Nicolae Testemitanu* State University of Moldova

2. *ARTIFICIAL INTELLIGENCE IN NANOMEDICINE: CURRENT APPLICATIONS AND FUTURE PERSPECTIVES*

Author: Simion Avram

Scientific adviser: Viorel Nacu, Dr. hab. MSc, Professor, Department of Anatomy and Clinical Anatomy, Head of Laboratory of Tissue Engineering and Cellular Culture, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. *UTERINE VASCULAR REM NG DURING PREGNANCY*

Author: Nina Bivol

Scientific adviser: Lilian Globa, MD, PhD, Professor, Department of Anatomy and Clinical Anatomy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. *THE ANATOMICAL VARIABILITY OF THE ANTERIOR CHOROIDAL ARTERY*

Author: Sorina Schiriliu

Scientific adviser: Dan Croitoru, Assistant Professor, Department Anatomy and Clinical Anatomy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. *ANATOMO-TOPOGRAPHIC RELATIONSHIPS BETWEEN THE MAXILLARY SINUS AND THE DENTAL ALVEOLI*

Author: Vadim Panteleiciuc; **Co-author:** Lilian Globa,

Scientific adviser: Lilian Globa, MD, PhD, Associate Professor, Department of Anatomy and Clinical Anatomy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. *APPLICATION OF ARTIFICIAL INTELLIGENCE IN THORACIC ADIPOSE TISSUE ANALYSIS*

Author: Jasmin Darwich

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Scientific adviser: Tamara Hacina, Dr. hab. MSc, Associate Professor, Department of Anatomy and Clinical Anatomy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. ARTIFICIAL INTELLIGENCE IN IDENTIFICATION AND ANALYSIS OF ANATOMICAL STRUCTURES IN CT AND MRI

Author: Valeria Temciuc

Scientific adviser: Lilian Globa, MD, PhD, Associate Professor, Department of Anatomy and Clinical Anatomy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. ANATOMICAL DETERMINANTS OF LEFT VENTRICULAR REMODELING AFTER MYOCARDIAL INFARCTION: TARGETS FOR CARDIAC REGENERATION

Author: Syeda Rabbi

Scientific adviser: Angela Babuci, MD, PhD, Associate Professor, Department of Anatomy and Clinical Anatomy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. A STRUCTURAL VARIABILITY OF THE MIDDLE MENINGEAL ARTERY: A CASE REPORT

Author: Dan Croitoru; **Co-authors:** Sergiu Malai, Vladislav Gorea, Andrei Peciul

Scientific adviser: Sergiu Vişnevschi, Assistant Professor, Department of Anatomy and Clinical Anatomy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. CLINICAL ANATOMY ASPECTS OF HIP PROSTHETICS

Author: Asna Jabin

Scientific adviser: Boris Topor, Dr. hab. MSc, Professor, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. HOFBAUER CELL – IMMUNOHISTOCHEMICAL

Author: Liuba Efros

Scientific adviser: David Valeriu, MD, PhD, Assistant Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. ASTROCYTES AS MEDIATORS BETWEEN LIPID METABOLISM AND NEURODEGENERATION IN ALZHEIMER'S DISEASE

Author: Diana Coltun

Scientific adviser: Elina Pelin, MD, PhD, Associate Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. HISTOPATHOLOGICAL PROFILE OF THE PLACENTA IN EARLY-ONSET VS. LATE-ONSET PREECLAMPSIA

Author: Alina Varzari

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Scientific adviser: Valeriu David, MD, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. MOLECULAR ORGANIZATION OF BIOMEMBRANES: FUNDAMENTAL STRUCTURAL PRINCIPLES AND PATHOPHYSIOLOGICAL IMPLICATIONS

Author: Cristofor Bran

Scientific adviser: Foca Ecaterina, MD PhD, Associate Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chişinău, Republic of Moldova

15. IMMUNE MILIEU OF THE OVARY ACROSS THE FEMALE REPRODUCTIVE LIFESPAN

Author: Mili Taneja

Scientific adviser: Dumitru Ciolac, MD, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. FROM PHOTODAMAGE TO STRUCTURAL DISRUPTION: HISTOLOGICAL CONSEQUENCES OF ULTRAVIOLET RADIATION ON HUMAN SKIN

Author: Srushti Prashant Patil

Scientific adviser: Tatiana Globa, MD, PhD, Assistant Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. SOLITARY OSTEOCHONDROMA VS HEREDITARY MULTIPLE EXOSTOSIS: DIAGNOSIS MORPHOPATHOLOGICAL FEATURES

Author: Cristina Guţu

Scientific adviser: David Valeriu, MD, PhD, Associate professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. AGE-RELATED ALTERATIONS OF THE BLOOD-BRAIN BARRIER: HISTOLOGICAL CHANGES AND CLINICAL IMPLICATIONS

Author: Emna Elhorry Slim

Scientific adviser: Tatiana Globa, MD, PhD, Assistant Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. STROMAL REMODELING AND MICROVASCULAR DECLINE OF THE MENOPAUSAL OVARY

Author: Valeria Vrabie; **Co-author:** Tatiana Globa

Scientific adviser: Tatiana Globa, MD, PhD, Assistant Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. DECIDUAL CD56+ CELLS IN EARLY PREGNANCY LOSS

Author: Camelia Ratusneac

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Scientific adviser: David Valeriu, MD, PhD, Associate professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. PANETH CELLS FROM THE INTESTINAL CRYPTS IN CROHN'S DISEASE

Author: Andreea Frant

Scientific adviser: Elina Pelin, MD, PhD, Associate professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chişinău, Republic of Moldova

22. ODONTOBLASTS AND THEIR ROLE IN DENTIN FORMATION AND REGENERATIVE APPROACHES IN DENTAL PATHOLOGY

Author: Vladislav Gherasimenco; **Co-authors:** Elina Pelin, Lilian Şaptefraţi

Scientific adviser: Elina Pelin, MD, PhD, Associate Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. MOLECULAR REGULATION OF CELLULAR PLASTICITY IN TISSUE REGENERATION AND REPAIR

Author: Andreea Dascal

Scientific adviser: Tatiana Globa, MD, PhD, Assistant Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. MORPHO-FUNCTIONAL REMODELING OF THE CYTOSKELETON–NUCLEUS AXIS AS AN EARLY MARKER OF THE OXIDATIVE STRESS – INDUCED AGING IN EPIDERMAL STEM CELLS

Author: Victoria Baidauz

Scientific adviser: Tatiana Globa, MD, PhD, Assistant Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

25. CELLULAR AND ULTRASTRUCTURAL DYNAMICS IN BONE REMODELING: FROM OSTEOBLAST TO OSTEOCYTE

Author: Andreea Spînu

Scientific adviser: Tatiana Globa, MD, PhD, Assistant Professor, Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

II. BIOCHEMISTRY, MOLECULAR BIOLOGY AND HUMAN GENETICS

Chairman: Tagadiuc Olga, Dr. hab. MSc, Professor

Members: Capcea Svetlana, MD, PhD Associate Professor

Cemortan Igor, MD, PhD, Associate Professor

Ambros Ala, MD, PhD, Associate Professor

Secretary: Aliona Luchian

1. *VIRTUAL REALITY AND BRAIN-COMPUTER INTERFACES AS MODULATORS OF NEUROPLASTICITY IN NEUROREHABILITATION*

Author: Angelica Sibov

Scientific adviser: Svetlana Protopop, MD, PhD, Associate Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. *THE ROLE OF LACTYLATION IN EPILEPTOGENESIS: BIOCHEMICAL MECHANISMS*

Author: Doina Cerbaru

Scientific adviser: Ecaterina Pavlovschi, MD, PhD, Associate Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. *ARTIFICIAL INTELLIGENCE IN METABOLOMICS FOR EARLY DETECTION OF TYPE 2 DIABETES MELLITUS*

Author: Maharajan Satheswaran Suyambu

Scientific adviser: Veronica Sardari, MD, PhD, Assistant Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. *PECULIARITIES OF SPHINGOLIPID AND CHOLESTEROL METABOLISM IN GLOMERULAR DISORDERS*

Author: Maxim Burduja

Scientific adviser: Ala Ambros, MD, Assistant Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. *THE ROLE OF SPECIFIC CAROTENOID-BINDING PROTEINS IN RETINAL DEGENERATION*

Author: Marina Donos

Scientific adviser: Ecaterina Pavlovschi, MD, PhD, Associate Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. *THE IMPACT OF VITAMIN D DEFICIENCY ON NERVOUS SYSTEM ACTIVITY*

Author: Aliona Luchian

Scientific adviser: Cornelia Lazăr, MD, PhD, University Lecturer, Chair of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. *BIOCHEMICAL MECHANISMS OF ACETYLSALICYLIC ACID IN METASTATIC CHEMOPREVENTION: PLATELET-TUMOR CELL INTERACTIONS AND THE ROLE OF THE ACETYLOME*

Author: Dionisie Cebotari

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Scientific adviser: Veronica Sardari, MD, PhD, Assistant Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. *FIBROBLAST GROWTH FACTOR 21 (FGF21) IN OBESITY AND TYPE 2 DIABETES MELLITUS: AN EMERGING ENDOCRINE BIOMARKER*

Author: Nandhitha Saju

Scientific adviser: Ecaterina Pavlovschi, MD, PhD, Associate Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. *HIDDEN IMMUNOBIOCHEMICAL EFFECTS OF BOTULINUM TOXIN TYPE A INJECTIONS*

Author: Alexandra Sofroni; **Co-author:** Angela Untila

Scientific adviser: Ecaterina Pavlovschi, MD, PhD, Associate Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. *THE ROLE OF ALAMANDINE IN VASCULAR AND METABOLIC FUNCTION REGULATION*

Author: Maria Briceag

Scientific adviser: Ecaterina Pavlovschi, MD, PhD, Associate Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. *THE ROLE OF VITAMIN D-BINDING PROTEIN IN OSTEOPOROSIS*

Author: Nicolina Timofte

Scientific adviser: Felicia Darii, Assistant Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. *THE IMPACT OF THE MEDITERRANEAN DIET ON MITOCHONDRIAL DYSFUNCTION IN OBESITY*

Author: Iuliana Glinschi

Scientific adviser: Svetlana Protopop, MD, PhD, Associate Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. *PERFORMANCE OF SERUM BIOMARKERS IN THE DETECTION OF HEPATIC FIBROSIS IN A COHORT OF PATIENTS FROM THE REPUBLIC OF MOLDOVA*

Author: Cristina Trocin

Scientific adviser: Olga Tagadiuc, Dr. Hab. MSc, Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. FROM GUT HORMONES TO INCRETIN THERAPY: MOLECULAR MECHANISMS AND DETERMINANTS OF TREATMENT VARIABILITY

Author: Pavel Aftinescu

Scientific adviser: Svetlana Protopop, MD, PhD, Associate Professor, Department of Biochemistry and Clinical Biochemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. MOLECULAR GENETIC ASPECTS OF NEUROFIBROMATOSIS

Author: Marcela-Antonela Ștefanuț

Scientific adviser: Igor Cemortan, MD, PhD, Associate Professor, Head of Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. RISK FACTORS THAT DETERMINE A HIGHER PREVALENCE OF MULTIPLE SCLEROSIS IN WOMEN

Author: Inga Chira

Scientific adviser: Svetlana Capcelea, MD, PhD, Associate Professor, Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

17. EPIGENETIC SCARS OF STRESS: HOW CHRONIC PSYCHOEMOTIONAL STRESS PROGRAMS CARDIOVASCULAR DISEASES

Author: Anshika Jithesh Kottara

Scientific adviser: Ludmila Sidorenko, PhD, Associate Professor, Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. CLINICAL AND GENETIC ASPECTS IN FRIEDRICH'S ATAXIA

Author: Nijisha Kaithavallapil

Scientific adviser: Mariana Sprincean, Associate Professor, Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. EPIGENETIC LANDSCAPE OF INTRACRANIAL ANEURYSMS: MOLECULAR MECHANISMS DRIVING FORMATION AND RUPTURE

Author: Andreea Revenco

Scientific adviser: Svetlana Capcelea, MD, PhD, Associate Professor, Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. GENETIC BASIS OF CONGENITAL CENTRAL HYPOVENTILATION SYNDROME

Author: Anastasia Balanutsa

Scientific adviser: Ludmila Sidorenko, PhD, Associated Professor, Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. THE ROLE OF EXOSOMES IN 3D BIOPRINTING FOR TISSUE REGENERATION

Author: Vladislav Fiodorov

Scientific adviser: Ludmila Sidorenko, PhD, Associated Professor, Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. CLINICAL AND GENETIC ASPECTS IN CORNELIA DE LANGE SYNDROME

Author: Mohammed Shereef

Scientific adviser: Mariana Sprincean, Associate Professor, Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. MICRORNA-21 IN FIBROSIS AND CARDIAC REMODELING

Author: Iosif Leanca

Scientific adviser: Svetlana Capcelea, MD, PhD, Associate Professor, Department of Molecular Biology and Human Genetics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

III. CARDIOLOGY CLINICAL CASES

Chairman: Lucia Mazur Nicorici, Dr. hab. MSc, professor

Members: Argint Ecaterina, PhD MSc, associate professor
Mihalache Georgeta, PhD MSc, associate professor
Grajdieru Romeo, PhD MSc, associate professor

Secretary: Nicolenco Irina

1. PERICARDITIS – THE CARDIAC ONSET OF SYSTEMIC LUPUS

Author: Anna Armanu

Scientific adviser: Irina Cabac-Pogorevici, MD, PhD MSc, Associate Professor, Department of Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

2. PROGRESSIVE HEART FAILURE IN THE CONTEXT OF POST-INFLAMMATORY DILATED CARDIOMYOPATHY (POST-URTI). A CLINICAL CASE.

Author: Inga Harghel; **Co-author:** Cornelia Guțu-Bahov

Scientific adviser: Romeo Grăjdieru, Associate Professor, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

3. WHEN HEART FAILURE UNMASKS A RARE INFILTRATIVE CARDIOMYOPATHY: A CASE OF AL AMYLOIDOSIS

Author: Artiom Cuzmuc

Scientific adviser: Lucia Mazur-Nicorici, MD, PhD MSc, Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

4. CONGESTIVE HEART FAILURE COMPLICATED BY ACUTE KIDNEY INJURY

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Author: Daniela Munteanu

Scientific adviser: Natalia Loghin-Oprea, PhD MSc, Assistant Professor, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

5. PULMONARY THROMBOEMBOLISM IN PREGNANCY WITH CRITICAL PERIPARTUM EVOLUTION: CLINICAL CONSIDERATIONS AND MANAGEMENT

Author: Vera Piruțchi

Scientific adviser: Irina Cabac-Pogorevici, MD, PhD MSc, Associate Professor, Department of Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

6. YOUNG PATIENT WITH LEFT ATRIAL MASS: FROM DIAGNOSIS TO TREATMENT

Author: Maxim Badan; **Co-authors:** Andrei Ureche, Nadejda Chiriliuc, Daniela Bursacovschi

Scientific adviser: Daniela Bursacovschi, MD, PhD, Institute of Cardiology

7. A RACE AGAINST TIME: MANAGING PROSTHETIC VALVE INFECTIVE ENDOCARDITIS

Author: Cătălina Oprea; **Co-authors:** Snejana Vetrila, Vitalie Moscalu, Bivol Daniela

Scientific adviser: Daniela Bursacovschi, MD, PhD, Institute of Cardiology

8. CRT-D THERAPY, CARDIAC FUNCTION AND INFECTIVE ENDOCARDITIS

Author: Petru Savov

Scientific adviser: Radu Darciuc

9. IMMUNE CHECKPOINT INHIBITOR-ASSOCIATED MYOCARDITIS WITH COMPLETE HEART BLOCK

Author: Nevin Varghese

Scientific adviser: Dennis Caulfield, MB BS MRCP, Consultant Cardiologist, Countess of Chester Hospital

10. PROARRHYTHMIA DURING FLECAINIDE THERAPY ASSOCIATED WITH HYPOMAGNESEMIA AND THYROTOXICOSIS

Author: Adriana Scaletchi

Scientific adviser: Valeriu Revenco, MD, PhD MSc, Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. PARTICULARITIES OF ANGINA PECTORIS IN SMOKERS WITH TYPE II DIABETES MELLITUS: A CASE STUDY OF LAD-THROMBOTIC OCCLUSION

Author: Ravanan Sundaravadivel

Scientific adviser: Elena Samohvalov MD, PhD MSc, Associate Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. ISCHEMIC STROKE IN A PATIENT WITH MECHANICAL MITRAL VALVE AND SUBTHERAPEUTIC INR: THERAPEUTIC CHALLENGES AND MULTIDISCIPLINARY MANAGEMENT

Author: Mihaela Puscas-Melnic; **Co-authors:** Viorica Ochișor, Ecaterina Argint

Scientific adviser: Viorica Ochișor, Associate Professor, PhD MSc, Discipline of Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. INFECTIVE ENDOCARDITIS CAUSED BY STAPHYLOCOCCUS LUGDUNENSIS IN AN INTRAVENOUS DRUG USER. CLINICAL CASE

Author: Victoria Preguza; **Co-authors:** Anna-Olga Simon, Cornel Tabarcea, Maria-Magdalena Solocanu

Scientific adviser: Alexandra Grejdieru, MD, PhD MSc, Associate Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. INFECTIVE ENDOCARDITIS WITH NEGATIVE BLOOD CULTURES, DIAGNOSED AFTER AN ISCHEMIC STROKE, CASE STUDY

Author: Anna-Olga Simon; **Co-authors:** Victoria Preguza, Corina Turcu, Alina Istrati

Scientific adviser: Alexandra Grejdieru, MD, PhD MSc, Associate Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University Of Medicine and Pharmacy, Chișinau, Republic of Moldova

15. PARTICULARITIES OF ISCHEMIC HEART DISEASE IN DIALYSIS PATIENTS

Author: Dumitrița Barcaru; **Co-author:** Anastasia Spatari

Scientific adviser: Georgeta Mihalache, PhD MSc, Associate Professor, Department of Internal Medicine, Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

16. AORTIC VALVE ENDOCARDITIS COMPLICATED BY SINUS OF VALSALVA PSEUDOANEURYSM: HYBRID SURGICAL MANAGEMENT

Author: Xenia Spatari; **Co-authors:** Andrei Ureche, Vitalie Moscalu

Scientific adviser: Daniela Bursacovschi, MD, PhD MSc, Institute of Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. PERSISTENT EPSILON WAVE IN PATIENT AFTER ATRIAL SEPTAL DEFECT REPAIR: CLINICAL CASE

Author: Maria Topal; **Co-author:** Iulian Badrajan, Lucia Mazur-Nicorici, Snejana Vetrilă

Scientific adviser: Snejana Vetrilă, PhD MSc, MD, Associate Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. RARE AORTIC REMODELING IN UNICUSPID AORTIC VALVE: HYBRID STRATEGY AND ADVANCED SURGICAL RECONSTRUCTION

Author: Anastasia Spatari; **Co-authors:** Andrei Ureche, Vitalie Moscalu, Piotr Serban,

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Scientific adviser: Daniela Bursacovschi, MD, PhD MSc, Institute of Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. MITRAL VALVE MASS: A SILENT TRIGGER OF SYSTEMIC EMBOLIC COMPLICATIONS

Author: Victor Doina; **Co-authors:** Vitalie Moscalu, Piotr Serban

Scientific adviser: Daniela Bursacovschi, MD, PhD MSc, Institute of Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. HEART FAILURE IN CONGENITAL HEART DISEASE: DOES MEDICAL TREATMENT IMPACT OUTCOMES?

Author: Dorina Cheibaş; **Co-authors:** Daniela Bursacovschi, Daniela Bivol, Elena Berzan

Scientific adviser: Daniela Bursacovschi, MD, PhD MSc, Associate Professor, Institute of Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. A RACE AGAINST TIME: MANAGING PROSTHETIC VALVE INFECTIVE ENDOCARDITIS

Author: Daniela Bivol; **Co-authors:** Snejana Vetrila, Vitalie Moscalu, Catalina Oprea

Scientific adviser: Brocovschi Victoria, MD, PhD, Associate Professor, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

IV. CARDIOLOGY ORAL PRESENTATIONS

Chairman: Grib Livi, Dr. hab. MSc, professor

Members: Abraş Marcel, PhD MSc, associate professor
Samohvalov Elena, PhD MSc, associate professor
Cabac - Pogorevici Irina, PhD MSc, associate professor

Secretary: Munteanu Adrian

1. THE ROLE OF GENETIC POLYMORPHISMS AND PLASMA LIPOPROTEIN(A) LEVELS IN THE PATHOGENESIS OF DEGENERATIVE AORTIC STENOSIS

Author: Ariana Chiriloae; **Co-author:** Lucia Mazur-Nicorici, Ruben Angelo Chiriloae

Scientific adviser: Lucia Mazur-Nicorici, Dr. hab. MSc, Professor, Department of Internal Medicine, Discipline of Cardiology, University of Medicine and Pharmacy *Nicolae Testemitanu*, Chisinau, Republic of Moldova

2. RISK ASSESSMENT AND PROPHYLAXIS OF VENOUS THROMBOEMBOLISM: THE ROLE OF ARTIFICIAL INTELLIGENCE IN MODERN MEDICINE

Author: Ilinca Chiriatic; **Co-author:** Ecaterina Munteanu

Scientific adviser: Oxana Sârbu, PhD MSc, Associate Professor, Head of Discipline of Internal Medicine-Semiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. ASSOCIATION OF COMORBIDITIES IN PATIENTS WITH CHRONIC HEART FAILURE

Author: Hannah John Susan

Scientific adviser: Snejana Vetrilă, MD, PhD MSc, Associate Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. *CLINICAL OUTCOMES IN PATIENTS WITH SEVERE AORTIC STENOSIS UNDERGOING TAVR VERSUS SAVR - SYSTEMATIC REVIEW*

Author: Andreea-Estera Mihai

Scientific adviser: Alina Bisoc, PhD MSc, University lecturer, Head of Cardiology

5. *PREPROCEDURAL ATRIAL FIBRILLATION AS A PREDICTOR OF MAJOR CARDIOVASCULAR EVENTS AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION*

Author: Andreea Goroh; **Co-authors:** Teodorina Ticlenco

Scientific adviser: Marcel Abraş, Vice-Rector for Clinical Activity Management, Dr. in Medical Sciences, Associate Professor, Head of the University Clinic of Interventional Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

6. *IMPACT OF DIGITAL MONITORING TECHNOLOGIES ON BLOOD PRESSURE AND GLYCEMIC CONTROL IN PATIENTS WITH TYPE 2 DIABETES*

Author: Victoria Vizir; **Co-authors:** Mihaela Stoica, Oxana Sîrbu, Natalia Antonova

Scientific adviser: Valeriu Istrati, PhD MSc, Professor, Discipline of Internal Medicine-Semiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

7. *PREDICTION OF CORONARY ARTERY INFLAMMATION USING ARTIFICIAL INTELLIGENCE IN CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY*

Author: Elisa Gîţu **Co-author:** Ecaterina Argint, Viorica Ochişor, Valeriu Revenco

Scientific adviser: Ecaterina Argint, PhD MSc, Associate Professor, Department of Internal Medicine, Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. *GENETICS IN HEART FAILURE*

Author: Abiah Maria Joseph

Scientific adviser: Snejana Vetrilă, MD, PhD MSc, Associate Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. *CLINICAL AND LABORATORY FEATURES OF HIGH BLEEDING RISK IN PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION ON RIVAROXABAN*

Author: Maria-Emilia Grigoriţă; **Co-author:** Lilia Purteanu

Scientific adviser: Livi Grib, Dr. Hab. MSc, Professor, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. *CLINICAL AND IMAGING FEATURES OF CARDIOMYOPATHIES*

Author: Onorina-Tereza Dinga

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Scientific adviser: Lucia Mazur-Nicorici, Dr. Hab. MSc, Professor, Discipline of Cardiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. *IMPACT OF ARTERIAL STIFFNESS AND RENAL DECLINE ON CARDIOVASCULAR RISK IN THE ELDERLY*

Author: Gauri Prasad Sivadasan

Scientific adviser: Natalia Loghin-Oprea Vladimir, PhD MSc, Assistant Professor, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. *MASKED HYPERTENSION IN PHYSICIANS: THE ROLE OF OCCUPATIONAL STRESS AND PSYCHOSOMATIC MECHANISMS*

Author: Abitha Anitha Kumari Basanth

Scientific adviser: Svetlana Gavriiliuc, PhD MSc, Assistant Professor, Discipline of Internal Medicine and Semiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. *ETIOPATHOGENETIC ASPECTS OF SUPRAVENTRICULAR TACHYCARDIA IN YOUNG PEOPLE*

Author: Maria Musteață; **Co-author:** Rodica Bugai

Scientific adviser: Rodica Bugai, MD, Associate Professor, Department of Internal Medicine and Semiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. *PROLONGATION OF QT INTERVAL – PROARRHYTHMOGENIC PROGNOSTIC FACTOR IN PATIENTS WITH DIABETES*

Author: Mufeed Majeed

Scientific adviser: Angela Tcaciuc, MD, PhD MSc, Associate Professor, Department of Internal Medicine, Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. *ECHOCARDIOGRAPHIC REMODELING AFTER TAVI ACCORDING TO EXTRAVALVULAR CARDIAC DAMAGE STAGING*

Author: Teodorina Ticlenco; **Co-authors:** Maria-Magdalena Vicol, Tatiana Abraș

Scientific adviser: Marcel Abraș, MD, PhD MSc, Associate Professor, Department of Internal Medicine, Discipline of cardiology, State University of Medicine and Pharmacy *Nicolae Testemitanu*, Chisinau, Republic of Moldova

16. *CLINICAL SIGNIFICANCE OF CARDIAC DAMAGE STAGING IN THE MANAGEMENT OF SEVERE AORTIC STENOSIS UNDERGOING TAVI*

Author: Evelina Răcilă; **Co-authors:** Eleonora Rotaru, Maria-Magdalena Vicol

Scientific adviser: Marcel Abraș, MD, PhD MSc, Associate Professor, Department of Internal Medicine, Discipline of Cardiology, State University of Medicine and Pharmacy *Nicolae Testemitanu*, Chisinau, Republic of Moldova

17. *ANGINA PECTORIS: AN INFLAMMATORY PERSPECTIVE CENTERED ON LIPOPROTEIN(A)*

Author: Agapii Mihaela; **Co-author:** Argint Ecaterina, Ochişor Viorica, Cheibaş Dorina
Scientific adviser: Ecaterina Argint, PhD MSc, Associate Professor, Department of Internal Medicine, Cardiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova, Chisinau, Republic of Moldova

18. *USEFULNESS OF AI IN PERSONALIZED STENT DESIGN: CLINICAL OUTCOMES IN PERCUTANEOUS CORONARY INTERVENTIONS*

Author: Aleesha Akbar
Scientific adviser: Natalia Loghin-Oprea, PhD, assistant professor, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova.

19. *METABOLIC REWIRING IN HRrEF AND HRpEF: FROM FATTY ACIDS TO KETONE BODIES VIA SGLT2 INHIBITION*

Author: Alexandru Adam; **Co-authors:** Radu-Ionuţ Bolborea, Alexandru Burlacu
Scientific adviser: Laura Oana Stroica, MD, PhD

20. *MICROVASCULAR ANGINA: AN UNDERDIAGNOSED CAUSE OF CHEST PAIN IN CARDIOLOGY*

Author: Adrian Munteanu; **Co-authors:** Ecaterina Munteanu, Artur Munteanu, Mihai Suşchevici
Scientific adviser: Oxana Sârbu, PhD MSc, Associate Professor, Head of Discipline of Internal Medicine-Semiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. *ASSESSING THE QUALITY OF LIFE OF PATIENTS WITH AORTIC VALVE STENOSIS*

Author: Ruben Angelo Chiriloae; **Co-author:** Lucia Mazur-Nicorici, Ariana Chiriloae
Scientific adviser: Lucia Mazur-Nicorici, MD, PhD Professor, Department of Internal Medicine, Discipline of Cardiology, University of Medicine and Pharmacy *Nicolae Testemitanu*, Chisinau, Republic of Moldova

22. *PRECISION RISK STRATIFICATION FOR ACS IN COPD: INTEGRATING RESPIRATORY PARAMETERS AND BIOMARKERS USING ADVANCED AI ALGORITHMS*

Author: Florin Barbos; **Co-authors:** Mihaela Stoica, Valeriu Istrati, Oxana Sârbu
Scientific adviser: Valeriu Istrati, PhD MSc, Professor, Head of Discipline of Internal Medicine-Semiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

V. DENTISTRY CLINICAL CASES

Chairman: Mostovei Andrei, PhD MSc, associate professor
Members: Stepco Elena, PhD MSc, associate professor
Trifan Valentina, Dr. hab. MSc, associate professor
Cheptănaru Olga, PhD MSc, associate professor

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Motelică Gabriela, PhD MSc, associate professor

Oineagră Vadim, PhD MSc, university assistant

Secretary: Coroi Ana-Dumitrița, Ciochină Vladalina

1. THE USE OF THE PIEZOTOME IN BONE AUGMENTATION USING THE MODIFIED KHOURY TECHNIQUE. A CLINICAL CASE REPORT

Author: Marius-Leon Filimon; **Co-authors:** Dumitru Sîrbu, Nicolae Chele, Stanislav Eni

Scientific adviser: Dumitru Sîrbu, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chișinău, Republic of Moldova

2. MINIMALLY INVASIVE AESTHETIC REHABILITATION - OFFICE BLEACHING AND DIRECT COMPOSITE RESTORATION

Author: Roua Gaabab

Scientific adviser: Corneliu Vasile Gorea, Assistant Professor, *Sofia Sîrbu* Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. LATERAL CERVICAL BRANCHIAL CYST: CASE PRESENTATION AND PARTICULARITIES OF SURGICAL TREATMENT

Author: Elizaveta Cojuhari

Scientific adviser: Maxim Gorea, Assistant Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. ODONTOMA – CLINICAL, IMAGING AND HISTOPATHOLOGICAL CORRELATIONS AND THERAPEUTIC IMPLICATIONS

Author: Nina Darii; **Co-author:** Dumitru Sîrbu

Scientific adviser: Dumitru Sîrbu, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. CLINICAL ASPECTS OF THE DIAGNOSIS AND TREATMENT OF DEEP ODONTAL LESIONS

Author: Diana Turcu; **Co-authors:** Liliana Petrunov, Lidia Eni

Scientific adviser: Lidia Eni, MD, PhD MSc, Associate Professor, *Sofia Sîrbu* Department of Dentistry and Periodontology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. THE ROLE OF CLINICAL AND CBCT ASSESSMENT IN THE SURGICAL MANAGEMENT OF SUPERNUMERARY TEETH: A CLINICAL CASE

Author: Tatiana Petriscev; **Co-author:** Dumitru Sîrbu

Scientific adviser: Dumitru Sîrbu, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. *SURGICAL MANAGEMENT OF SOFT TISSUE DEFICIENCY IN IMPLANT-PROSTHETIC REHABILITATION. CASE REPORT*

Author: Petrachi Alina; **Co-authors:** Dumitru Sîrbu, Stanislav Eni, Dumitru Nuca

Scientific adviser: Dumitru Sîrbu, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. *SURGICAL EXPOSURE OF PALATALLY IMPACTED CANINES. CASE REPORT*

Author: Marilena Ciobanu

Scientific adviser: Gabriela Motelica, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. *ADVANCED PROLIFERATIVE VERRUCOUS LEUKOPLAKIA. CASE REPORT*

Author: Valeria Pinzaru; **Co-author:** Sergiu Beliniuc

Scientific adviser: Gabriela Motelica, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. *THE IMPACT OF PLATELET RICH FIBRIN (PRF) ON TISSUE REGENERATION FOLLOWING MANDIBULAR THIRD MOLAR EXTRACTION*

Author: Elena Mîță

Scientific adviser: Andrei Mostovei, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. *THE USE OF THE APICALLY POSITIONED FLAP WITH FREE GINGIVAL GRAFT FROM THE PALATE FOR THE MANAGEMENT OF PERI-IMPLANT SOFT TISSUE*

Author: Evelina Nuca

Scientific adviser: Stanislav Strîșca, PhD MSc, Assistant Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. *BREAKING THE VICIOUS CYCLE OF DENTAL ANXIETY THROUGH INTRAVENOUS CONSCIOUS SEDATION. CASE REPORT*

Author: Tudor Manole; **Co-authors:** Dumitru Sîrbu, Ivan Cîvirjic, Elena Mardari

Scientific adviser: Dumitru Sîrbu, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. *MANAGEMENT OF SEVERE LATERAL MANDIBULAR ATROPHY THROUGH INFERIOR ALVEOLAR NEUROVASCULAR BUNDLE LATERALIZATION AND IMMEDIATE IMPLANT PLACEMENT. CLINICAL CASE*

Author: Marian Colța; **Co-author:** Dumitru Sîrbu, Ion Eni

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Scientific adviser: Dumitru Sîrbu, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. GUIDED BONE REGENERATION USING AUTOGENOUS LAMINATED BONE BLOCKS COMBINED WITH PORCINE XENOGRAFT: A CLINICAL EVALUATION OF THE KHOURY TECHNIQUE

Author: Laurențiu Bolea

Scientific adviser: Andrei Mostovei, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. PARTICULARITIES IN THE DIAGNOSIS OD DENTAL ERUPTION DISORDERS

Author: Emilia Postică

Scientific adviser: Daniela Trifan, PhD MSc, Assistant Professor, Department of Orthodontics and Dentofacial Orthopedics, *Nicolae Testemiteanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. PERIODONTAL CHANGES ASSOCIATED WITH FIXED ORTHODONTIC APPLIANCES: A THREE-STAGE CLINICAL CASE REPORT

Author: Mark Milici; **Co-author:** Valentina Trifan

Scientific adviser: Sabina Calfa, MD, PhD MSc, Assistant Professor, Department of Orthodontics and Dentofacial Orthopedics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. PERIODONTAL TISSUES IN ESTHETIC REGION OF FRONTAL TEETH: GUIDED ESTHETIC CROWN LENGTHENING IN THE MANAGEMENT OF ALTERED PASSIVE ERUPTION

Author: Malak Abu Freih

Scientific adviser: Corneliu Vasile Gorea, Assistant Professor, *Sofia Sîrbu* Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. PROSTHETIC MANAGEMENT OF TOOTH 16 USING MONOLITHIC ZIRCONIA CROWN IN A BRUXISM PATIENT

Author: Friptu Valentin

Scientific adviser: Nicolae Bajurea, PhD MSc, Associate Professor, *Pavel Godoroja* Department of Dental Propaedeutics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. THE USE OF FULLY CERAMIC DENTAL CROWN IN THE TREATMENT OF CORONAL DENTAL LESIONS

Author: Grigore Sîlnic

Scientific adviser: Nicolae Bajurea, PhD MSc, Associate Professor, *Pavel Godoroja* Department of Dental Propaedeutics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. USE OF METAL-CERAMIC FIXED DENTAL BRIDGES IN THE TREATMENT OF PARTIAL EDENTULISM IN PATIENTS WITH MARGINAL PERIODONTAL DISEASE

Author: Lilian Bodiu

Scientific adviser: Nicolae Bajurea, PhD MSc, Associate Professor, *Pavel Godoroja* Department of Dental Propaedeutics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. CBCT EVALUATION AND XENOGENEIC BONE AUGMENTATION FOR IMPLANT PLACEMENT IN MANDIBULAR KENNEDY CLASS II EDENTULISM

Author: Valeriu Rotaru

Scientific adviser: Vasile Zagnat, MD, PhD MSc, Associate Professor, Department of Radiology and Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. ASPECTS OF COMBINED TREATMENT OF PERIAPICAL LESIONS IN THE CONTEXT OF MODERN ENDODONTIC MICROSURGERY

Author: Cristina Cărbune; **Co-authors:** Dumitru Romaniuc, Dumitru Teaca

Scientific adviser: Sergiu Ciobanu, Dr. Hab. MSc, Professor, Head of the *Sofia Sirbu* Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic

23. CLINICAL EFFECTIVENESS OF CALCIUM HYDROXIDE (DYCAL) IN INDIRECT PULP CAPPING OF DEEP DENTAL CARIES

Author: Sofia Siloci; **Co-author:** Valentina Bodrug

Scientific adviser: Valentina Bodrug, MD, PhD MSc, Associate Professor, *Sofia Sirbu* Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. COMPLETE DENTURE STABILITY IN SEVERE ALVEOLAR RIDGE ATROPHY - A CLINICO-TECHNICAL APPROACH FOR FUNCTIONAL REHABILITATION

Author: Ion Popov; **Co-author:** Gheorghe Bordeniuc

Scientific adviser: Valeriu Fala, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Head of the Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

25. ORTHODONTIC TRACTION OF IMPACTED MAXILLARY CANINES DURING MARPE-ASSISTED MAXILLARY

Author: Elena Buiuc; **Co-authors:** Daria Ribacova, Daniela Trifan, Igor Cazacu

Scientific adviser: Igor Cazacu, MSc, Associate Professor, Department of Orthodontics and Dentofacial Orthopedics Introduction, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. CLINICAL APPLICATION OF MINIMALLY INVASIVE SURGICAL AND MINISCREW-ASSISTED RAPID PALATAL EXPANSION (MISMARPE) IN ADULT PATIENTS

Author: Vladalina Ciochina; **Co-author:** Lucia Stamati

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Scientific adviser: Gabriela Motelica, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

VI. DENTISTRY ORAL PRESENTATIONS nr. 1

Chairman: Chele Nicolae, Dr. hab. MSc, professor

Members: Sîrbu Dumitru, PhD MSc, associate professor

Postolachi Alexandru, PhD MSc, associate professor

Marcu Diana, PhD MSc, associate professor

Porosencova Tatiana, PhD MSc, associate professor

Secretary: Vasilachi Laura

1. COMPARATIVE ANALYSIS OF RESORBABLE AND NON-RESORBABLE MEMBRANES IN GUIDED TISSUE REGENERATION

Author: Sergiu Panaite

Scientific adviser: Gabriela Motelica, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. A-PRF AS AN ADJUNCT METHOD OF POST-EXTRACTION WOUND HEALING

Author: Valeria Ilcu; **Co-author:** Sergiu Beliniuc

Scientific adviser: Gabriela Motelica, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. ISOLATION OF THE OPERATIVE FIELD – MODERN APPROACHES IN DENTISTRY

Author: Andreea Belous; **Co-author:** Iulia Ivasiuc

Scientific adviser: Diana Uncuța, Dr. Hab. MSc, Associate Professor, Head of the *Pavel Godoroja* Department of Dental Propaedeutics Chair, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. APPLICATION OF ARTIFICIAL INTELLIGENCE FOR EARLY DETECTION OF DENTAL CARIES

Author: Ecaterina Boico; **Co-author:** Diana Uncuța

Scientific adviser: Mariana Calitca, Associate Professor, *Pavel Godoroja* Department of Dental Propaedeutics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. LOCO-REGIONAL ANESTHESIA AS A KEY COMPONENT OF MULTIMODAL ANALGESIA IN ORTHOGNATHIC SURGERY

Author: Cristiana Tripaduș

Scientific adviser: Alexandru Ghețiu, Assistant Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. CLINICAL AND THERAPEUTIC ASPECTS OF CHRONIC GANGRENOUS PULPITIS

Author: Rodica Poiană; **Co-author:** Viorica Chetruș

Scientific adviser: Viorica Chetruș, PhD MSc, Associate Professor, *Sofia Sirbu* Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. ASSOCIATION BETWEEN SELF-PERCEIVED AND CLINICAL GINGIVAL BLEEDING WITH SOCIO-DEMOGRAPHIC FACTORS IN PERIODONTAL PATIENTS

Author: Dan Zagnat

Scientific adviser: Valeriu Fala, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Head of the Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. PAIN EXPRESSION IN PATIENTS WITH TEMPOROMANDIBULAR DISORDERS DEPENDING ON DISEASE SEVERITY

Author: Valeria Vasiliu

Scientific adviser: Valeriu Fala, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Head of the Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. EVALUATION OF MASTICATORY PERFORMANCE IN ADULTS WITH TOOTH WEAR

Author: Dragos Baciu

Scientific adviser: Valeriu Fala, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Head of the Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. PHOTODYNAMIC THERAPY VERSUS IMPLANTOPLASTY IN THE SURGICAL MANAGEMENT OF PERI-IMPLANTITIS: A COMPARATIVE ANALYSIS OF BONE STABILITY AND SOFT TISSUE RESPONSE

Author: Victoria Ciobanu

Scientific adviser: Nicolae Chele, Dr. Hab. MSc, Professor, Head of the *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. PSYCHO-EMOTIONAL DISTRESS ACROSS CLINICAL SUBTYPES OF MASTICATORY MUSCLE DISORDERS

Author: Gheorghe Bordeniuc; **Co-author:** Victor Lacusta

Scientific adviser: Valeriu Fala, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Head of the Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. EVALUATION OF SELF-REPORTED BRUXISM IN PATIENTS WITH TEMPOROMANDIBULAR DYSFUNCTION

Author: Vitalia Șutchevici

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Scientific adviser: Gheorghe Bordeniuc, PhD MSc, Assistant Professor, Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. CHANGES IN THE MORPHOLOGY OF MANDIBULAR CONDYLES IN PATIENTS WITH TEMPOROMANDIBULAR DISORDERS: A CBCT STUDY

Author: Madalina Codreanu

Scientific adviser: Gheorghe Bordeniuc, PhD MSc, Assistant Professor, Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. PAIN SENSITIVITY IN PATIENTS WITH MYOGENOUS TEMPOROMANDIBULAR DISORDERS

Author: Sabina Carabanov

Scientific adviser: Gheorghe Bordeniuc, PhD MSc, Assistant Professor, Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. CLINICAL CHARACTERISTICS AND SURGICAL MANAGEMENT OF PEDIATRIC ORO-MAXILLOFACIAL DERMOID CYSTS. COMPARISON BETWEEN LITERATURE DATA AND CLINICAL EXPERIENCE

Author: Valeria Tomas; **Co-authors:** Elena Stepco, Eugeniu Bocancea, Egor Porosencov

Scientific adviser: Egor Porosencov, PhD MSc, *Ion Lupan* Department of Paediatric Oral-Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. THE USAGE OF BIPHASIC CEMENT AND PORCINE GRAFT FOR CONTOUR AUGMENTATION AROUND IMPLANTS – CASE STUDY

Author: Sabina-Catalina Procopișin

Scientific adviser: Andrei Mostovei, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. MAXILLARY SINUS SEPTA: AN ANATOMICAL STUDY

Author: Alexandru Bodiu

Scientific adviser: Gabriela Motelica, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. THE ROLE OF GUIDED SURGERY IN IMPLANT-PROSTHETIC REHABILITATION TREATMENT

Author: Victoria Garaba; **Co-author:** Stanislav Strîșca

Scientific adviser: Andrei Mostovei, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. THE IMPACT OF IMPLANT PLACEMENT TIMING ON SOFT TISSUES IN IMPLANT-PROSTHETIC REHABILITATION

Author: Paula Lozovanu; **Co-author:** Dan Socolan

Scientific adviser: Andrei Mostovei, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of OralMaxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. THE IMPORTANCE AND EFFICIENCY OF FISSURE SEALING IN THE PREVENTION OF DENTAL CARIES

Author: Tudorina-Alexandra Deșan; **Co-authors:** Cristina Deșan, Adela-Elena Băișanu

Scientific adviser: Diana Uncuța, Dr. Hab. MSc, Associate Professor, Head of the *Pavel Godoroja* Department of Dental Propaedeutics Chair, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. TOOTH DISCOLORATION. DIAGNOSIS AND ESTHETIC TREATMENT USING THE BLANCONE WHITENING SYSTEM

Author: Ana-Maria Drăgălin

Scientific adviser: Lidia Eni, MD, PhD MSc, Associate Professor, *Sofia Sirbu* Department of Dentistry and Periodontology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. CALCIUM HYDROXIDE AS AN INTRACANAL MEDICATION IN CHRONIC GANGRENOUS PULPITIS

Author: Alexandru Lungu

Scientific adviser: Valentina Bodrug, MD, PhD MSc, Associate Professor, *Sofia Sirbu* Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. EVALUATION OF SAGITTAL CONDYLAR POSITION IN PATIENTS WITH TEMPOROMANDIBULAR DISORDERS

Author: Nina Mamaliga

Scientific adviser: Gheorghe Bordeniuc, PhD MSc, Assistant Professor, Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. IMMEDIATE IMPLANT PLACEMENT IN THE PRESENCE OF CHRONIC PERIAPICAL PATHOLOGY

Author: Lola Somova

Scientific adviser: Nicolae Chele, Dr. Hab. MSc, Professor, Head of the *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

25. MAXILLARY SINUS COMPLICATIONS AFTER DENTAL IMPLANT SURGERY

Author: Adam Abboud

The 11th International Medical Congress For Students And Young Doctors

Scientific adviser: Nicolae Cucereavii, Assistant Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. SURGICAL TREATMENT OF ZYGOMATIC COMPLEX FRACTURES

Author: Dmitrii Sobor

Scientific adviser: Olga Procopenco, MD, PhD MSc, Assistant Professor, *Arsenie Gutan* Department of Oral and Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

27. MANAGEMENT OF POST-EXTRACTION WOUNDS FOLLOWING COMPLICATED DENTAL EXTRACTIONS

Author: Alexandra Miron

Scientific adviser: Mihail Radzichevici, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

28. GUIDED BONE REGENERATION USING DIFFERENT TYPES OF MEMBRANES

Author: Cristian Bobu

Scientific adviser: Nicolae Chele, Dr. Hab. MSc, Professor, Head of the *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

VII. DENTISTRY ORAL PRESENTATIONS nr. 2

Chairman: Fala Valeriu, Dr. hab. MSc, professor

Members: Eni Lidia, associate professor

Uncuța Diana, Dr. hab. MSc, associate professor

Zanoagă Oleg, PhD MSc, associate professor

Secretary: Corotaș Maxim, Ciobanu Marilena

1. FUNCTIONAL DISORDERS IN CHILDREN WITH CLEFT LIP AND PALATE AND THEIR IMPACT ON DENTO-MAXILLARY DEVELOPMENT

Author: Vitalina Ignatiev

Scientific adviser: Silvia Railean, Dr. Hab. MSc, Associate Professor, *Ion Lupan* Department of Paediatric Oral-Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. CURRENT ASPECTS IN THE MODERN TREATMENT OF PATIENTS WITH DENTOMAXILLARY ANOMALIES

Author: Viorel Țonu; **Co-authors:** Dumitru Sîrbu, Stanislav Strîșca, Daniel Sîrbu

Scientific adviser: Dumitru Sîrbu, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. THE ROLE OF THE ORAL MICROBIOTA IN THE PATHOGENESIS OF PERIODONTAL DISEASE: CORRELATIONS BETWEEN DYSBIOSIS AND TISSUE DAMAGE MECHANISMS

Author: Mirela Grati; **Co-author:** Lilia Tacu

Scientific adviser: Sergiu Ciobanu, Dr. Hab. MSc, Professor, *Sofia Sîrbu* Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic

4. BUFFERED LOCAL ANESTHESIA IN DENTISTRY: A PILOT CLINICAL STUDY

Author: Adrian Ciolpan

Scientific adviser: Gabriela Motelica, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. THE IMPACT OF DIABETES MELLITUS ON THE SEVERITY AND PROGRESSION OF PERIODONTITIS – A MINI-REVIEW

Author: Andrea Colesnic; **Co-authors:** Diana Uncuța, Tatiana Porosencova

Scientific adviser: Tatiana Porosencova, MD, PhD MSc, Associate Professor, *Pavel Godoroja* Department of Dental Propaedeutics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. THE PROGNOSIS OF DENTAL CARIES IN CHILDREN WITH RHEUMATIC DISEASES

Author: Mădălina Bour; **Co-authors:** Ninel Revenco

Scientific adviser: Aurelia Spinei, Dr. Hab. MSc, Associate Professor, Ion Lupan Department of Paediatric Oral-Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chișinău, Republic of Moldova

7. DENTAL CARIES IN CHILDREN WITH JUVENILE IDIOPATHIC ARTHRITIS

Author: Valeria Bunazoi; **Co-author:** Ninel Revenco

Scientific adviser: Aurelia Spinei, Dr. Hab. MSc, Associate Professor, Ion Lupan Department of Paediatric Oral-Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chișinău, Republic of Moldova

8. INSTRUMENTS FOR PERIODONTAL DISEASES SCREENING IN GENERAL CLINICAL PRACTICE

Author: Loredana Bontea

Scientific adviser: Gheorghe Bordeniuc, PhD MSc, Assistant Professor, Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. MODERN METHODS OF ORAL HEALTH EDUCATION FOR CHILDREN

Author: Marina Șeptelici

Scientific adviser: Iurie Spinei, MD, PhD MSc, Associate Professor, *Ion Lupan* Department of Paediatric Oral-Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. CLINICAL FEATURES OF HERPETIC STOMATITIS IN CHILDREN

Author: Alexandra Bariseva

Scientific adviser: Nina Shevchenko, MD, Associate Professor, *Ion Lupan* Department of Paediatric Oral-Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. DENTAL FLUOROSIS AS A FACTOR INFLUENCING DENTAL DECAY SUSCEPTIBILITY IN CHILDREN

Author: Irina Tonofa

Scientific adviser: Elena Stepco Elena Stepco, MD, PhD MSc, Associate Professor, Head of the *Ion Lupan* Department of Paediatric Oral-Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. THE ROLE OF KAP QUESTIONNAIRES IN ASSESSING KNOWLEDGE, ATTITUDES, AND PRACTICES REGARDING ORAL HEALTH

Author: Maria-Mihaela Vovc

Scientific adviser: Valeriu Fala, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Head of the Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. DETECTION OF ORAL POTENTIALLY MALIGNANT DISORDERS USING TOLUIDINE BLUE STAINING

Author: Dana Botnari

Scientific adviser: Gabriela Motelica, MD, PhD MSc, Associate Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. GENIOPLASTY: INDICATIONS, SURGICAL TECHNIQUES AND THE FUNCTIONAL AND AESTHETIC IMPACT ON PATIENTS

Author: Mhamdi Hadil

Scientific adviser: Stanislav Strișca, PhD MSc, Assistant Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. APICOECTOMY, SURGICAL TREATMENT OF PERIAPICAL PATHOLOGY

Author: Ozcan Metehan

Scientific adviser: Nicolae Cucereavii, Assistant Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery and Oral Implantology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. MORPHOFUNCTIONAL RESTORATION OF LATERAL TEETH USING COMPOSITE MATERIALS

Author: Sofia Bondari

Scientific adviser: Lidia Eni, MD, PhD MSc, Associate Professor, *Sofia Sirbu* Department of Dentistry and Periodontology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. THE IMPORTANCE OF EARLY DIAGNOSIS OF TEMPOROMANDIBULAR JOINT DISORDERS IN DENTAL PRACTICE

Author: Andreea Rusnac; **Co-authors:** Daria Calitca, Diana Uncuța

Scientific adviser: Olga Cheptănaru, MD, PhD MSc, Associate Professor, Pavel Godoroja Department of Dental Propaedeutics, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. THE BIOMECHANICAL AND NEUROLOGICAL CONNECTION BETWEEN MANDIBULAR POSITION AND GLOBAL BODY POSTURE: A LITERATURE REVIEW

Author: Claudio Arghittu

Scientific adviser: Daniela Trifan, PhD MSc, Assistant Professor, Department of Orthodontics and Dentofacial Orthopedics, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. CBCT AND DIGITAL SUPERIMPOSITION EVALUATION OF CHANGES IN THE PALATAL SUTURE IN PATIENTS WITH MAXILLARY TRANSVERSE DEFICIENCY TREATED WITH SKELETAL ANCHORAGE

Author: Maria Furtuna; **Co-authors:** Valentina Trifan, Irina Zumbreanu, Alexandru Bărbieru

Scientific adviser: Igor Cazacu, MSc, Associate Professor, Department of Orthodontics and Dentofacial Orthopedics, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. IMPACT OF DENTO-MAXILLARY ANOMALIES ON PATIENTS' QUALITY OF LIFE

Author: Alexandrina Țicu; **Co-author:** Sabina Calfa

Scientific adviser: Lucia Ciumeico, PhD MSc, Associate Professor, Department of Orthodontics and Dentofacial Orthopedics, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. THE IMPACT OF SCAN BODIES CHARACTERISTICS ON THE ACCURACY OF DIGITAL IMPLANT IMPRESSIONS

Author: Eugeniu Colibaba

Scientific adviser: Oleg Solomon, PhD MSc, Associate Professor, Head of the Ilarion Postolachi Department of Orthopaedic Stomatology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. CLINICAL EVALUATION OF ORTHODONTIC ARCHWIRE EXPANSION

Author: Mihaela Jarovlea-Bejenari

Scientific adviser: Oleg Solomon, PhD MSc, Associate Professor, Head of the Ilarion Postolachi Department of Orthopaedic Stomatology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. PREVALENCE AND PATTERN OF MALOCCLUSION AMONG URBAN AND RURAL SCHOOLCHILDREN

Author: Andrei Furculita; **Co-authors:** Andrei Bogonosu, Lucia Ciumeico

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Scientific adviser: Lucia Ciumeico, PhD MSc, Associate Professor, Department of Orthodontics and Dentofacial Orthopedics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. DENTAL CARIES IN TEMPORARY TEETH IN CHILDREN. A CLINICAL STUDY

Author: Andreea Ilaşco; **Co-author:** Iurie Spinei

Scientific adviser: Iurie Spinei, MD, PhD MSc, Associate Professor, *Ion Lupan* Department of Paediatric Oral-Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

25. MODERN APPROACHES IN COMPLEX PERIODONTAL TREATMENT: THE USE OF PLATELET-RICH PLASMA

Author: Olga Garbatovschi; **Co-authors:** Tatiana Porosencova, Adela-Elena Băişanu

Scientific adviser: Diana Uncuța, Dr. Hab. MSc, Associate Professor, Head of the *Pavel Godoroja* Department of Dental Propaedeutics Chair, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. THE RELATIONSHIP BETWEEN UNILATERAL CHEWING AND GINGIVAL INFLAMMATION

Author: Luiza Batal; **Co-authors:** Evghenii Jeju, Diana Uncuta

Scientific adviser: Irina Ivasiuc, PhD MSc, Assistant Professor, *Pavel Godoroja* Department of Dental Propaedeutics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

27. CLINICAL STUDY OF THE FITTING ACCURACY OF PARTIAL CROWNS PRODUCED BY DIGITAL AND CONVENTIONAL IMPRESSION TECHNIQUES

Author: Al Shrouf Ibrahim M

Scientific adviser: Daniel Guțuțui, Assistant Professor, *Ilarion Postolachi* Department of Orthopaedic Stomatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

28. ASSESSMENT OF PROSTHETIC TREATMENT NEEDS IN PATIENTS WITH TOOTH WEAR

Author: Ivan Jomiru

Scientific adviser: Gheorghe Bordeniuc, PhD MSc, Assistant Professor, Department of Interdisciplinary Dentistry and Oral Rehabilitation, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

29. CLINICAL MARKERS OF NECROTIZING FASCIITIS IN DEEP NECK INFECTION

Author: Mihaela Dandara; **Co-authors:** Sofia Lehtman, Gabriela Motelica, Angela Babuci

Scientific adviser: Nicolae Chele, Dr. Hab. MSc, Professor, Head of the *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

30. CLINICAL EVALUATION OF POSTERIOR COMPOSITE RESTORATIONS USING INCREMENTAL LAYERING AND BULK-FILL TECHNIQUES

Author: Carolina Voroşanu

Scientific adviser: Valentina Bodrug, MD, PhD MSc, Associate Professor, *Sofia Sîrbu* Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

31. A COMPARATIVE PRECLINICAL STUDY OF ROOT CANAL MORPHOLOGY AND CONFIGURATION IN ENDODONTICALLY COMPROMISED TEETH

Author: Mariana Cernomaz; **Co-authors:** Iulia Ivasiuc, Victor Palarie, Irina Ivasiuc

Scientific adviser: Diana Uncuta, MD, PhD MSc, Associate Professor, Chief of the *Pavel Godoroja* Department of Dental Propaedeutics Chair, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

32. STATISTICAL ANALYSIS OF ETIOLOGICAL AND CLINICAL PARTICULARITIES OF OSTEOMYELITIS OF THE JAWS OF ODONTOGENIC AND POSTTRAUMATIC ORIGIN

Author: Dumitru Trifan; **Co-author:** Olga Procopenco

Scientific adviser: Olga Procopenco, MD, PhD MSc, Assistant Professor, *Arsenie Gutan* Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

VIII. ENDOCRINOLOGY

Chairman: Rizov Cristina, MD, PhD, Associate Professor

Members: Caradja Gheorghe, MD, PhD, Professor

Şeremet Aristia, MD, PhD, Assistant Professor

Secretary: Popescu Sofia

1. DEPRESSION AND TYPE 2 DIABETES MELLITUS: A BIDIRECTIONAL ASSOCIATION MEDIATED BY INFLAMMATION AND THE BRAIN-GUT AXIS

Author: Riya Sarah Mathew; **Co-author:** Diana Gangan

Scientific adviser: Dumitru Harea, PhD MSc, Associate Professor, Department of Endocrinology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. LOW LEVELS OF MUSCLE MASS AMONG LOCAL STUDENTS AT THE NICOLAE TESTEMITANU STATE UNIVERSITY OF MEDICINE AND PHARMACY-IMPLICATIONS FOR METABOLIC HEALTH

Author: Sofia Popescu

Scientific adviser: Stela Vudu, MD, Department of Endocrinology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. BULBAR CONJUNCTIVAL VASCULAR ARCHITECTURE IN TYPE 1 DIABETES MELLITUS

Author: Aristia Şeremet; **Co-author:** Marina Papanaga

Scientific adviser: Lorina Vudu, MD, PhD MSc, Associate Professor, Head of the Department of Endocrinology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

4. *THE CORRELATION BETWEEN GENDER, AGE AND HIGHER BRAIN FUNCTIONS IN PATIENTS WITH AUTOIMMUNE HYPOTHYROIDISM*

Author: Danu Postolache; **Co-author:** Stela Vudu

Scientific adviser: Lorina Vudu, MD, PhD MSc, Associate Professor, Department of Endocrinology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

5. *THYROID DYSFUNCTION ASSOCIATED WITH ANTICANCER IMMUNOTHERAPY: INCIDENCE AND MANAGEMENT*

Author: Anastasia Cherdivara

Scientific adviser: Dumitru Harea, MD, PhD MSc, Associate Professor, Department of Endocrinology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. *THE IMPACT OF THE GUT MICROBIOTA ON THYROID HEALTH*

Author: Elena Andrieş

Scientific adviser: Cristina Rizov, MD, PhD MSc, Associate Professor, Department of Endocrinology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. *AUTOIMMUNE POLYGLANDULAR SYNDROME TYPE II*

Author: Inga Danileico

Scientific adviser: Dumitru Harea, MD, PhD MSc, Assistant Professor, Department of Endocrinology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

8. *MENSTRUAL CYCLE DISTURBANCES IN TYPE 1 DIABETES: THE EMERGING ROLE OF ARTIFICIAL INTELLIGENCE AND AUTOMATED INSULIN DELIVERY*

Author: Nadejda Negari; **Co-authors:** Delia Minchevici, Shannon Ioniță, Marius Vozian

Scientific adviser: Cristina Rizov, MD, PhD MSc, Associate Professor, Department of Endocrinology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. *HETEROGENITY IN DIABETES MELLITUS T2*

Author: Delix Eldo

Scientific adviser: Lorina Vudu, PhD MSc, Associate Professor, Head of the Department of Endocrinology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

10. *CLINICAL AND BIOCHEMICAL PREDICTORS OF ACTIVITY, SEVERITY, AND EARLY THERAPEUTIC RESPONSE IN GRAVES' ORBITOPATHY*

Author: Adelina Tidvã

Scientific adviser: Cristina Rizov, MD, PhD MSc, Associate Professor, Department of Endocrinology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. *MANAGEMENT GUIDELINES FOR PRIMARY HYPERPARATHYROIDISM IN AMERICA, EUROPE AND INDIA*

Author: Rishi Rai

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Scientific adviser: Cristina Rizov, MD, PhD MSc, Associate Professor, Department of Endocrinology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. CLINICAL CHARACTERIZATION OF IMMUNE CHECKPOINT INHIBITOR-INDUCED DIABETES MELLITUS: A SYSTEMATIC ANALYSIS OF ACUTE BETA-CELL FAILURE

Author: Eric Christian Săbăduș; **Co-authors:** Marius Cârciumar, Vasile Iftime, Darius Ghidarcea
Scientific adviser: Mihai Stelian Varcui

13. PROFILE OF A PATIENT WITH TYPE 1 DIABETES MELLITUS HOSPITALIZED IN THE ENDOCRINOLOGY DEPARTMENT

Author: Dumitru Savca
Scientific adviser: Dumitru Harea, MD, PhD, Associate Professor, Department of Endocrinology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. SCREENING FOR EXOCRINE PANCREATIC INSUFFICIENCY IN TYPE 2 DIABETES MELLITUS USING FECAL ELASTASE TESTING

Author: Mengtay Makashova; **Co-authors:** Yerlan Bazargaliyev, Khatimya Kudabayeva
Scientific adviser: Lorina Vudu, MD, PhD, Professor, Department of Endocrinology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

15. CLUSTERS AND INTERLEUKINS IN ADULT-ONSET DIABETES: A DATA-DRIVEN ANALYSIS IN THE KAZAKH POPULATION

Author: Bibigul Tleumagambetova; **Co-author:** Khatimya Kudabayeva
Scientific adviser: Lorina Vudu, MD, PhD, Professor, Head of Department of Endocrinology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

16. AGONISTS OF THE GLP-1 RECEPTOR: SHIFTING FROM ANTI-OBESITY DRUGS TO DISEASE-MODIFYING CARDIOVASCULAR THERAPIES

Author: Vasile Iftime; **Co-author:** Darius Marian Ghidarcea
Scientific adviser: Laura Gârdan

IX. ETHICS AND DEONTOLOGY

Chairman: Ojovanu Vitalie, Dr. Hab. of Philosophy, Professor

Members: Banari Ion, Doctor of Philosophy, Associate Professor

Cojocaru Viorel, Doctor of Philosophy, University Assistant

Daniliuc Natalia, Doctor of Philosophy, Associate Professor

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1. ETHICAL DILEMMAS IN THE COMMUNICATION PROCESS WITHIN NEUROLOGICAL MEDICAL PRACTICE

Author: Mădălina Serediuc

Scientific adviser: Viorel Cojocaru, PhD MSc, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

2. *ETHICAL ASPECTS REGARDING THE DECISION OF ARTIFICIAL NUTRITION IN POST-STROKE PATIENTS WITH DYSPHAGIA*

Author: Marina Carpov

Scientific adviser: Stela Spînu, PhD MSc, Associate Professor, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

3. *ALZHEIMER'S DISEASE AND THE BIOETHICAL DILEMMAS OF AUTONOMY AND DIGNITY IN COGNITIVE DECLINE*

Author: Elena Saranciuc

Scientific adviser: Stela Spînu, PhD MSc, Associate Professor, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

4. *TELEMEDICINE FROM AN APPLIED ETHICS PERSPECTIVE*

Author: Nicoleta Pojoga

Scientific adviser: Ion Banari, PhD MSc, Associate Professor, Department of Philosophy and Bioethics, Senior Researcher, Brain Health and Bioethics Laboratory, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

5. *VOLUNTARY ABORTION AMONG MINORS: BIOETHICAL VIEW*

Author: Patricia Catînsus

Scientific adviser: Viorel Cojocaru, PhD MSc, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

6. *THE DUAL LOYALTY CONFLICT IN PRISON MEDICAL CARE*

Author: Dragoş Petrachi

Scientific adviser: Viorel Cojocaru, PhD in Medical Sciences Philosophy, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

7. *MEDICO-BIOETHICAL ASPECTS IN PEDIATRIC ENDOCRINE DISORDERS*

Author: Mihaela Plop

Scientific adviser: Vitalie Ojovan, PhD MSc, Associate Professor, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

8. *AI-ENHANCED PRENATAL DIAGNOSTICS: BIOETHICAL DILEMMAS IN THE AGE OF LIBERAL EUGENICS*

Author: Maria Grosu

Scientific adviser: Ludmila Rubanovici, PhD MSc, Associate Professor, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

9. CONFIDENTIALITY OF MEDICAL INFORMATION: ETHICAL CHALLENGES IN THE CONTEXT OF HEALTH DIGITALIZATION

Author: Nela Daranuța

Scientific adviser: Viorel Cojocaru, PhD MSc, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

10. BIOETHICAL ASPECTS OF THE CORRELATION BETWEEN COGNITIVE CAPACITY AND THE LEVEL OF BRAIN HEALTH

Author: Ana-Maria Morozan

Scientific adviser: Vitalie Ojovan, Dr. Hab. of Philosophy, Professor, Associate Professor, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. SOCIAL POLARIZATION AND ITS IMPACT ON THE DOCTOR-PATIENT RELATIONSHIP

Author: Daniel Cristea

Scientific adviser: Anatolie Eșanu, MD, Associate Professor, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

12. ETHICAL ASPECTS OF INFORMED CONSENT IN EMERGENCY CLINICAL MEDICINE

Author: Sofi Chicenco-Cobili

Scientific adviser: Viorel Cojocaru, PhD MSc, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

13. ETHICAL JUSTIFICATION FOR IMPOSING ANTI-TUBERCULOSIS TREATMENT IN PRISONS

Author: Ana-Maria Gherman

Scientific adviser: Viorel Cojocaru, PhD Medical Sciences, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

14. EUTHANASIA IN PATIENTS WITH INCURABLE DISEASES – A BIOETHICAL ANALYSIS REGARDING THE OPPORTUNITY OF LEGALIZATION

Author: Nikoletta Mrug; **Co-author:** Alexandr Gaitur

Scientific adviser: Viorel Cojocaru, PhD Medical Sciences, Department of Philosophy and Bioethics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

X. INFECTIOUS DISEASES, GASTROENTEROLOGY AND DERMATOVENEROLOGY

Chairman: Gheorghe Plăcintă, Dr. hab. MSc, associate professor

Members: Tcaciuc Eugen, Dr. hab. MSc, professor

Nedelciuc Boris, PhD MSc, associate professor

Bistrițchi Ina, PhD MSc, associate professor

Petrov Cristina

Secretary: Anghel Luminița

1. *DISSEMINATED VARICELLA LEADING TO HYPERACUTE MULTI-ORGAN FAILURE IN AN UNDIAGNOSED HIV PATIENT*

Author: Alan Bogdanov; **Co-author:** Laura Scevenels

Scientific adviser: Nina Tamojnic-Mazureac, Assistant professor, Department of Infectious Diseases, Tropical Diseases, and Medical Parasitology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. *RITILECITINIB IN THE TREATMENT OF ALOPECIA AREATA: A TARGETED IMMUNOMODULATORY APPROACH*

Author: Valeria Lopatinski

Scientific adviser: Boris Nedelciuc, MD, Associate Professor, Department of Dermatovenerology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

3. *CONTEMPORARY ASPECTS OF ALOPECIA AREATA*

Author: Anastasia Banciu

Scientific adviser: Boris Nedelciuc Petru, Doctor of Medical Science, Associate Professor, Department of Dermatology and Venereology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. *THERAPEUTIC STRATEGIES IN PEDIATRIC PSORIASIS; FROM TOPICAL MANAGEMENT TO BIOLOGICAL THERAPIES*

Author: Gopika Shibu

Scientific adviser: Iulia Emet, Assistant Professor, Department of Dermatovenerology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. *MOTHER-TO-CHILD TRANSMISSION OF HIV: MULTIDIMENSIONAL CLINICAL ANALYSIS AND PERSPECTIVES OF ARTIFICIAL INTELLIGENCE-ASSISTED MEDICINE*

Author: Victoria Curnic

Scientific adviser: Tiberiu Holban, Dr. Hab. MSc, Professor, Head of Department of Infectious Diseases, Tropical Medicine and Medical Parasitology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. *CHICKENPOX COMPLICATED BY GUILLAIN-BARRÉ SYNDROME*

Author: Doina Rachier; **Co-authors:** Cătălin Toacă, Ana Fița, Stanislav Gribincea

Scientific adviser: Gheorghe Plăcintă, Dr. Hab. MSc, Associate Professor, Head of Department of Infectious Diseases, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. COMPARATIVE ANALYSIS OF CLINICAL AND PARA CLINICAL PARAMETERS DEPENDING ON THE SEX OF PATIENTS WITH INFECTIOUS MONONUCLEOSIS CAUSED BY THE EPSTEIN-BARR VIRUS

Author: Carolina Palean

Scientific adviser: Ina Bistrițchi, Associate Professor of infectious diseases, Department of Infectious Diseases, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

8. SCHISTOSOMIASIS: ETIOPATHOGENESIS, CLINICAL MANIFESTATIONS, DIAGNOSIS AND TREATMENT

Author: Lorina Ostahii

Scientific adviser: Tiberiu Holban, Dr. Hab. MSc, Professor, Head of Department, Department of Infectious, Tropical Diseases and Medical Parasitology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. ENTEROVIRAL INFECTION IN CHILDREN: CLINICAL AND EPIDEMIOLOGICAL PARTICULARITIES

Author: Nicoleta Trohin; **Co-author:** Tatiana Juravliov

Scientific adviser: Ludmila Serbenco, PhD MSc, Associate Professor, Department of Infectious Diseases, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

10. WEIL'S DISEASE IN A YOUNG SAILOR FROM MOLDOVA: DIAGNOSTIC CHALLENGE OF EARLY SEROLOGY-NEGATIVE LEPTOSPIROSIS

Author: Laura Scevenels; **Co-author:** Alan Bogdanov

Scientific adviser: Nina Tamojnic-Mazureac, Assistant professor, Department of Infectious Diseases, Tropical Diseases, and Medical Parasitology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. HEPATITIS B REACTIVATION AFTER TENOFOVIR DISCONTINUATION IN LYME DISEASE

Author: Lakshmi Dileepkhan Alka Nazreen **Co-author:** Cătălina Oлару-Stăvilă

Scientific adviser: Eugen Tcaciuc, PhD MSc, professor, Gastroenterology Discipline, University of Medicine and Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. CHANGES IN SEVERITY AND PROGNOSTIC SCORES AFTER DIRECT-ACTING ANTIVIRAL THERAPY IN PATIENTS WITH HEPATITIS C-RELATED CIRRHOSIS

Author: Zinaida Gratii; **Co-author:** Angela Peltec

Scientific adviser: Angela Peltec, PhD MSc, Associate Professor, Discipline of Gastroenterology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. TUBERCULOSIS ACTIVATION UNDER BIOLOGICAL TREATMENT WITH ANTI-TNFA IN ULCERATIVE COLITIS

Author: Magdalena Cușnir

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Scientific adviser: Alina Jucov, Associate Professor, Department of Gastroenterology. *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. NUTRITION OF THE CRITICALLY ILL PATIENT WITH ACUTE PANCREATITIS

Author: Bogdan-Grigorie Bulhac **Co-author:** Cătălina Olaru-Stăvilă

Scientific adviser: Eugen Tcaciuc, Dr. Hab. MSc, Professor, Head of Gastroenterology Discipline, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. THE IMPACT OF CHRONIC DIGESTIVE DISEASES ON PATIENTS' QUALITY OF LIFE

Author: Mihaela Țaulean

Scientific adviser: Lucia Cobîltean, PhD MSc, Assistant Professor, Discipline of Gastroenterology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

16. MANAGEMENT OF ANEMIA IN INFLAMMATORY BOWEL DISEASE IN 2026: A PRACTICAL APPROACH BASED ON ECCO AND AGA RECOMMENDATIONS

Author: Alexandrina Buruiană; **Co-authors:** Tatiana Burda, Cătălina Olaru-Stăvilă, Diana Rusnac

Scientific adviser: Eugen Tcaciuc, Dr. Hab. MSc, Professor, Discipline of Gastroenterology, *Nicolae Testemitanu* State University of Medicine and Pharmacy

17. DYNAMICS OF INFLAMMATORY MARKERS ACCORDING TO THE BRIXIA SCORE IN PATIENTS WITH SEVERE COVID-19 ASSOCIATED WITH BACTERIAL SUPERINFECTION

Author: Alexandra Gumeniuc

Scientific adviser: Adrian Belii, Dr. Hab. MSc, Professor, Department of Anesthesiology and Reanimatology No. 1 *Valeriu Ghereg*, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. chi;CLINICAL AND EVOLUTIONARY CHARACTERISTICS OF LYME DISEASE

Author: Evghenia Budurovici

Scientific adviser: Irina Russu, PhD Associate Professor, Department of Infectious Diseases, Tropical Diseases, and Medical Parasitology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chişinău, Republic of Moldova

19. CUTANEOUS LEISHMANIASIS IN 2024 IN METHOUIA-MENZEL HABIB HEALTH DISTRICT

Author: Alaa Kastouri; **Co-author:** Salha Salah

Scientific adviser: Liviu Iarovoi, MD, Associate Professor, Department of Infectious Diseases, Tropical Medicine and Parasitology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Moldova

20. CAT-SCRATCH DISEASE IN A CHILD: A CASE REPORT

Author: Ludmila Muntean; **Co-author:** Ludmila Birca, Olesia Olevschi

Scientific adviser: Tatiana Juravliov, MD, Assistant Professor, Department of Infectious Diseases, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XI. MENTAL HEALTH

Chairman: Chihai Jana, Dr. hab. MSc, associate professor

Members: Nastas Igor, PhD MSc, associate professor

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Oprea Valentin, PhD MSc, associate professor

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Secretary: Cempoeş Ciprian

1. *ANXIETY-DEPRESSIVE DISORDERS DURING PREGNANCY: CLINICAL FEATURES, RISK FACTORS AND SCREENING APPROACHES*

Author: Felicia Miriuța; **Co-authors:** Nadejda Negari

Scientific adviser: Inga Deliv, MD, PhD MSc, Associate Professor, *Alexandru Nacu* Department of Mental Health, Medical Psychology and Psychotherapy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. *TIMING OF PHARMACOLOGICAL AUGMENTATION STRATEGIES IN RECURRENT MAJOR DEPRESSIVE DISORDER WITHOUT PSYCHOTIC SYMPTOMS: A RETROSPECTIVE STUDY OF HOSPITALIZED PATIENTS*

Author: Alexandrina Teut; **Co-author:** Ion Coşciug

Scientific adviser: Ion Coşciug, PhD, Associate Professor, “Alexandru Nacu” Department of Mental Health, Medical Psychology, and Psychotherapy

3. *SUPPORTED EMPLOYMENT FOR PEOPLE WITH SEVERE MENTAL ILLNESS*

Author: Valeria Rotaru

Scientific adviser: Andrei Eşanu, Assistant Professor, Department of Mental Health, Medical Psychology, and Psychotherapy *Alexandru Nacu, Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. *THE COMPLEMENT CASCADE IN ALZHEIMER'S DISEASE: FROM NEUROINFLAMMATORY DRIVER TO PRECISION THERAPEUTIC TARGET*

Author: Vlad David Lepădatu; **Co-authors:** Maya-Ioana Carp, Aida-Nicoleta Grecu

Scientific adviser: Dr. Daniela-Camelia Lepădatu

5. *STATISTICAL VALIDATION OF THE SENSITIVITY AND SPECIFICITY OF THE PANSS SCALE IN SCHIZOPHRENIA*

Author: Ajikere Deborah Sarima

Scientific adviser: Larisa Boronin, MD, Associate Professor, *Alexandru Nacu* Department of Mental Health, Medical Psychology and Psychotherapy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

6. *USE OF ARTIFICIAL INTELLIGENCE FOR THE AUTOMATED ANALYSIS OF PHQ-9 AND GAD-7 QUESTIONNAIRES IN THE SCREENING OF DEPRESSION AND ANXIETY IN PRIMARY CARE*

Author: Felicia Burbulea

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Scientific adviser: Jana Chihai, Dr. Hab. MSc, Associate Professor, Head of *Alexandru Nacu* Department of Mental Health, Medical Psychology and Psychotherapy, Vice-Rector for Research and Innovation Activity, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

7. PECULIARITIES OF STIGMATIZATION OF PEOPLE WITH DEPRESSION IN ADOLESCENTS

Author: Maia Suman

Scientific adviser: Andrei Eșanu, Assistant Professor, *Alexandru Nacu* Department of Mental Health, Medical Psychology and Psychotherapy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. ACCESS TO MENTAL HEALTH SERVICES AS A KEY ELEMENT IN PREVENTING SUICIDAL BEHAVIOUR FOR ADOLESCENTS WITH DEPRESSION

Author: Maria Busuioc

Scientific adviser: Andrei Eșanu, Assistant Professor, *Alexandru Nacu* Department of Mental Health, Medical Psychology and Psychotherapy, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. DIFFERENTIAL DIAGNOSIS OF ACUTE POLYMORPHIC PSYCHOTIC DISORDER AND PSYCHOTIC DEPRESSION

Author: Diana Privalov

Scientific adviser: Jana Chihai, PhD MSc, Head of *Alexandru Nacu* Department of Mental Health, Medical Psychology and Psychotherapy *Alexandru Nacu*, Vice-Rector for Research and Innovation Activity, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

XII. NEUROSURGERY, ORTHOPEDICS AND TRAUMATOLOGY

Chairman: Caproș Nicolae, Dr. Hab. MSc, Professor

Members: Verega Grigore, Dr. Hab. MSc, Professor
Vacarciuc Ion, MD, PhD, Associate Professor
Galearschi Vasile, Dr. Hab. MSc, Associate Professor
Preguza Ion, University Assistant
Erhan Nicolae, Dr. med. sci., Associate Professor

Secretary: Curoșu Maximian, Buruiană Gheorghe

1. ORTHOPEDIC-SURGICAL MANAGEMENT OF SKELETAL COMPLICATIONS IN MULTIPLE MYELOMA

Author: Gheorghe Buruiană; **Co-authors:** Andrei Olaru, Sanda Buruiană, Mihaela Sîrmeatnicov

Scientific adviser: Andrei Olaru, MD, Associate Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. THE IMPACT OF OCCUPATIONAL THERAPY ON THE RE-EDUCATION OF A PATIENT WITH HEMORRHAGIC STROKE

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Author: Doina Bejan; **Co-authors:** Victoria Chihai, Adrian Melnic, Alisa Tăbîrță

Scientific adviser: Victoria Chihai, PhD MSc, Associate Professor, Department of Medical Rehabilitation, Physical Medicine and Manual Therapy, *Nicolae Testemitanu* State University of Medicine and Pharmacy

3. TRIAGE IN THE EMERGENCY DEPARTMENT: IMPORTANCE, APPLICABILITY AND REGULATION

Author: Mihaela Ganușceac

Scientific adviser: Tatiana Malacinschi-Codreanu, MD, PhD, Associate Professor, Gheorghe Ciobanu Department of Emergency Medicine.

4. MINIMALLY INVASIVE TREATMENT OF SPONTANEOUS INTRACEREBRAL HEMORRHAGES. EXPERIENCE OF THE INSTITUTE OF EMERGENCY MEDICINE

Author: Ana-Maria Dumitrașco; **Co-author:** Alexandru Andrușca

Scientific adviser: Victor Andronachi, MD, PhD, Associate Professor, Department of Neurosurgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. COMPLICATIONS OF PERCUTANEOUS VERTEBROPLASTY IN THE TREATMENT OF OSTEOPOROTIC FRACTURES

Author: Daniel Zăbreanu

Scientific adviser: Igor Gherman, MD, PhD MSc, Associate Professor, Department of Neurosurgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. INDICATION FOR PROPHYLACTIC VENTRICULO-PERITONEAL DRAINAGE WITH SEPTOSTOMY IN POSTERIOR CLINOIDAL MENINGIOMA: JUSTIFICATION IN A CONTEXT WITHOUT MANIFEST HYDROCEPHALUS

Author: Cezar Zagorceanu

Scientific adviser: Dragos Andrei Tirlea, MD, Department of Neurosurgery, Constanta Clinical Emergency County Hospital

7. HYPERTENSIVE INTRACEREBRAL HEMORRHAGE - THE EFFICACY AND SAFETY OF NEUROENDOSCOPY VERSUS CRANIOTOMY

Author: Andreea-Madalina Simion

Scientific adviser: Cristian Kakucs, MD, PhD, University Assistant, Head of Neurosurgery Department No. 1, Faculty of Medicine, Transilvania University of Brasov, Brasov, Romania

8. RESTORING CRANIAL ARCHITECTURE FOLLOWING LIFESAVING DECOMPRESSION: FRONTO-TEMPORO-PARIETAL PMMA CRANIOPLASTY IN SEVERE TRAUMATIC BRAIN INJURY

Author: Maria-Alexandra Negroiu; **Co-authors:** Gabriela Coja, Andrei Cristian Chebac

Scientific adviser: Cristian Kakucs, MD, PhD, University Assistant, Head of Neurosurgery Department No. 1, Faculty of Medicine, Transilvania University of Brasov, Brasov, Romania

9. RUPTURED INTRACRANIAL ANEURYSMS IN CONTEMPORARY PRACTICE: CLINICAL PROFILE AND EARLY OUTCOMES FROM SINGLE-CENTER EXPERIENCE

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Author: Vladislav Todica; **Co-authors:** Andrei Filioglo, Tudor Costru

Scientific adviser: Victor Andronachi, MD, PhD, Associate Professor, Department of Neurosurgery, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. SUCCESS AND DURABILITY OF ALLOGRAFT RECONSTRUCTIONS IN PEDIATRIC BONE SARCOMAS: A SYNTHESIS OF RECENT EVIDENCE

Author: Gabriel Remus Panait

Scientific adviser: Florin Sabou, MD, Assistant Professor, Department of Orthopedics and Traumatology, Braşov County Emergency Clinical Hospital

11. EPIDEMIOLOGICAL AND CLINICAL FEATURES OF ACHILLES TENDON RUPTURE: A RETROSPECTIVE STUDY OF 192 CASES

Author: Maxim Morari; **Co-authors:** Gheorghe Buruiană, Krasimira Burlac, Mihaela Sîromeatnicov

Scientific adviser: Gheorghe Buruiană, MD, PhD, Associate Professor, Department of Orthopedics and Traumatology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. SURGICAL MANAGEMENT OF POST-BURN SEQUELAE

Author: Ilinca Marandici; **Co-author:** Elvira Fortuna

Scientific adviser: Alina Stoian, MD, PhD, Assistant Professor, Department of Orthopedics and Traumatology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. SURGICAL TREATMENT OF PROXIMAL HUMERUS FRACTURE-DISLOCATIONS IN ADULTS

Author: Ecaterina Leşanu

Scientific adviser: Vadim Madan, MD, PhD, Assistant Professor in the Department of Orthopedics and Traumatology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. SURGICAL MANAGEMENT FOR PERIPROSTHETIC FEMORAL FRACTURES

Author: Rodion Cujba; **Co-authors:** Mihaela Sîromeatnicov, Dumitru Hincota, Sergiu Ursu

Scientific adviser: Nicolae Caproş, Dr. Hab. MSc, Professor, Head of Department of Orthopedics and Traumatology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. RECENT ADVANCES IN THE MANAGEMENT AND TREATMENT OF CALCANEAL FRACTURES

Author: Mihaela Sîromeatnicov; **Co-authors:** Gheorghe Buruiană, Maximian Curoşu, Rodion Cujba

Scientific adviser: Nicolae Caproş, Dr. Hab. MSc, Professor, Head of Department of Orthopedics and Traumatology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. FAILURE RATES OF INTERBODY SPINAL CAGES BASED ON MATERIAL: A COMPREHENSIVE MAUDE DATABASE STUDY

Author: Victor Ungurean Jr. A.S.

Scientific adviser: Dimitriy Kondrashov, MD, Associate Program Director of the San Francisco Orthopaedic Residency Program and a teaching faculty member of the Stanford/ St. Mary's Hospital Combined Spine Surgery Fellowship Program

17. EMERGENCY MANAGEMENT OF POSTERIOR STERNOCLAVICULAR DISLOCATION

Author: Andrei Popov; **Co-authors:** Dumitru Hîncota, Sergiu Ursu, Ion Vacula

Scientific adviser: Nicolae Caproş, Dr. Hab. MSc, Professor, Head of Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. INFLUENCE OF ALIGNMENT TECHNIQUE IN TOTAL KNEE ARTHROPLASTY ON EARLY POSTOPERATIVE RECOVERY AND OPIOID CONSUMPTION

Author: Alexandr Basistii

Scientific adviser: Alexandru Beţişor, MD, PhD, Associate Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. DEGENERATIVE LUMBAR SPINAL STENOSIS: DIAGNOSTIC AND THERAPEUTIC PERSPECTIVES

Author: Adrian Tonu; **Co-authors:** Andrei Olaru, Gheorghe Buruiană, Mihaela Sîromeatnicov

Scientific adviser: Andrei Olaru, MD, Associate Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. OSTEOSYNTHESIS OF THE QUADRILATERAL SURFACE IN ACETABULAR FRACTURES

Author: Grigore Sîrghi

Scientific adviser: Grigore Sîrghi, MD, Assistant Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. INFECTIOUS COMPLICATIONS ASSOCIATED WITH PELVIC OSTEOSYNTHESIS

Author: Roman Timuş; **Co-author:** Grigore Sîrghi

Scientific adviser: Grigore Sîrghi, MD, Assistant Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. LYMPHATIC TISSUE ENGINEERING: EXPERIENCE OF THE LABORATORY OF TISSUE ENGINEERING AND CELL CULTURE AT NICOLAE TESTEMITANU SUMPH

Author: Alexandra Apărece

Scientific adviser: Alina Stoian, MD, PhD, Assistant Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chişinău, Republic of Moldova

23. CHARACTERISTICS OF DISTAL HAND EXTENSOR APPARATUS INJURIES: A RETROSPECTIVE STUDY

Author: Patricia Țonu

Scientific adviser: Sergiu Ursu, MD, PhD, Assistant Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. THE ROLE OF AI IN OPTIMIZING TOTAL HIP ARTHROPLASTY IN PATIENTS WITH FEMORAL HEAD AVASCULAR NECROSIS

Author: Valeria Tacu

Scientific adviser: Vitalie Iacubitchii, MD, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

25. THE ROLE OF PLASTIC SURGERY IN THE MANAGEMENT OF SEVERE BURNS: CURRENT PERSPECTIVES AND THERAPEUTIC INNOVATIONS

Author: Cătălina Cazacu

Scientific adviser: Mihaela Siromeatnicov, MD, Assistant Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. TREATMENT STRATEGIES IN HUMERAL SHAFT FRACTURES

Author: Adarsh Sheeba Kumar

Scientific adviser: Anna Kusturova, MD, PhD, Associate Professor, Department of Orthopaedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

27. THE ROLE OF ARTIFICIAL INTELLIGENCE IN DECISION SUPPORT FOR THE PLANNING AND TREATMENT OF PATHOLOGICAL FRACTURES

Author: Maximian Curoșu; **Co-authors:** Gheorghe Buruiană, Andrei Olaru, Loredana Burda

Scientific adviser: Gheorghe Buruiană, MD, Assistant Professor, Department of Orthopedics and Traumatology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XIII. NEUROLOGY

Chairman: Lisnic Vitalie, Dr. hab. MSc, professor

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Călcii Cornelia, PhD MSc, associate professor

Secretary: Cigorean Valeria

1. ACUPUNCTURE IN THE COMPLEX TREATMENT OF BRONCHIAL ASTHMA

Author: Shivam Nagar

Scientific adviser: Irina Șincarenco, PhD, Associate Professor, Department of Alternative and Complementary Medicine

2. ARC PROTEIN DYSREGULATION AND SYNAPTIC PLASTICITY IN ALZHEIMER'S DISEASE

Author: Aleyna Çelik

Scientific adviser: Vitalie Lisnic, Dr. Hab. MSc, Professor, Head of Department of Neurology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. ACUTE ISCHEMIC STROKE IN YOUNG ADULTS: CLINICAL CHARACTERISTICS AND OUTCOMES AT A TERTIARY STROKE CENTER IN THE REPUBLIC OF MOLDOVA

Author: Veronica Spinei; **Co-authors:** Anastasia Levca, Tatiana Stupac, Diana Zețu-Buciușcan

Scientific adviser: Oxana Grosu, PhD MSc, *Diomid Gherman* Institute of Neurology and Neurosurgery, Chisinau, Republic of Moldova

4. THE INFLUENCE OF COVID-19 ON THE EVOLUTION OF MIGRAINE

Author: Olga Shvets; **Co-author:** Oxana Grosu

Scientific adviser: Marina Sangheli, MD, PhD MSc, Associate Professor, Department of Neurology No. 1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

5. HORMONAL MODULATION OF STROKE RISK IN YOUNG WOMEN WITH MIGRAINE WITH AURA: THE ROLE OF ESTROGEN AND NEUROVASCULAR MECHANISMS.

Author: Toncoglaz Alexandra

Scientific adviser: Sangheli Marina, MD, PhD MSc, Associate Professor, Department of Neurology No. 1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. EMERGING MOLECULAR MECHANISMS AND THERAPEUTIC TARGETS IN PARKINSON'S DISEASE: A LITERATURE REVIEW

Author: Adelina Bucateli **Co-author:** Alexandru Andrusca

Scientific adviser: Dan Croitoru, Tissue Engineering and Cell Cultures Laboratory, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. CLINICAL PRESENTATION AND DIAGNOSTIC PARTICULARITIES OF CEREBRAL VENOUS THROMBOSIS IN PREGNANCY

Author: Maxim Ovcearov

Scientific adviser: Marina Sangheli, MD, PhD MSc, Associate Professor, Department of Neurology nr.1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

8. AI IN EEG INTERPRETATION: IMPLICATIONS IN EPILEPSY AND STATUS EPILEPTICUS

Author: Sahla Parveen

Scientific adviser: Cristina Munteanu, Assistant Professor, Department of Neurology No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. DETERMINANTS OF SURVIVAL AND RESOURCE UTILIZATION IN ACUTE CNS INFECTIONS: A 2025 RETROSPECTIVE STUDY OF 74 EMERGENCY CASES

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Author: İzel Ozkul

Scientific adviser: Pavel Leahu, Assistant Professor, Department of Neurology No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. DIAGNOSTIC DILEMMA IN PERIPHERAL NEUROPATHIES: CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY VS. DIABETIC POLYNEUROPATHY. FROM THE PRESUMPTION OF AXONAL DIABETIC NEUROPATHY TO THE ACTIVE SEARCH FOR TREATABLE DEMYELINATION.

Author: Tatiana Fargutu

Scientific adviser: Evelina Gherghelegiu, MD, PhD MSc, Director Department of International Affairs and European Integration, Department of Neurology No. 1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

11. UNUSUAL BRAIN STEM STROKE PRESENTATION. A CASE REPORT.

Author: Regina Babii

Scientific adviser: Pavel Gavriiliuc, University Lecturer, Department of Neurology no. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. MIGRENE IN THE VERTIGO MASK

Author: Ecaterina Zemleanschih

Scientific adviser: Nina Istrati, Assistant Professor, Department of Neurology No. 1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. CLINICAL–RADIOLOGICAL CORRELATIONS IN PROGRESSIVE SUPRANUCLEAR PALSY: IMPLICATIONS FOR EARLY DIAGNOSIS.

Author: Shifana Kodumunda

Scientific adviser: Vitalie Lisnic, Dr. Hab. MSc, Professor, Head of Department of Neurology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. THE ROLE OF LONG-TERM VIDEO-EEG MONITORING IN THE DIAGNOSIS OF FOCAL EPILEPSY IN A PATIENT WITH MULTIPLE RISK FACTORS

Author: Mihai Bejan; **Co-author:** Anatolie Vataman

Scientific adviser: Stanislav Groppa, Dr. Hab. MSc, Professor, Academician of the Academy of Sciences of the Republic of Moldova, Head of Neurology Department No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. ANTERIOR VERSUS POSTERIOR CIRCULATION ISCHEMIC STROKE TREATED WITH ENDOVASCULAR THERAPY: CLINICAL AND EARLY OUTCOME DIFFERENCES

Author: Victoria Cîrpac

Scientific adviser: Marina Sangheli, MD, PhD, Associate Professor, Department of Neurology No. 1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. CLINICAL PREDICTORS OF DYSPHAGIA IN PATIENTS WITH HEMISPHERIC STROKE: AN OBSERVATIONAL STUDY

Author: Nicolae Donici

The 11th International Medical Congress For Students And Young Doctors

Scientific adviser: Elena Manole, MD, PhD, Associate Professor, Neurology Department No.2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. SEX DIFFERENCES OF ISCHEMIC STROKE IN YOUNG ADULTS

Author: Andreea Curnic

Scientific adviser: Elena Manole, Associate Professor, MD, PhD, Department of Neurology Nr.1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. CLINICAL–TOPOGRAPHIC CORRELATIONS IN CEREBRAL ARTERIOVENOUS MALFORMATIONS

Author: Diana Zețu-Buciușcan; **Co-authors:** Lidia Cojocaru, Veronica Spinei

Scientific adviser: Elena Manole, MD, PhD, Associate Professor, Neurology Department Nr.1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. THE ASSOCIATION BETWEEN EPILEPSY AND COMORBID CARDIOVASCULAR CONDITIONS: CERTAIN PATHOPHYSIOLOGICAL MECHANISMS AND CLINICAL IMPLICATIONS.

Author: Anna Guțul; **Co-authors:** Anatolie Vataman, Vitalie Chiosa

Scientific adviser: Groppa Stanislav, Dr. Hab. MSc, Professor, Academician of the Academy of Sciences of the Republic of Moldova, Head of Neurology Department No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. MODULATION OF CEREBELLOTHALAMIC OSCILLATORY NETWORKS BY ACUPUNCTURE IN ESSENTIAL TREMOR

Author: Alexandrina Ceban

Scientific adviser: Angela Gilea, Associate Professor, Department of Alternative and Complementary Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XIV. OBSTETRICS AND GYNECOLOGY

Chairman: Dondiu Iurie, Dr. hab. MSc, associate professor

Members: Catrinici Rodica, PhD MSc, associate professor

Iliadi-Tulbure Corina, PhD MSc, associate professor

Cemortan Maria, PhD MSc, assistant professor

Secretary: Rareș Lile

1. MENOPAUSE AS A MULTIDIMENSIONAL ENDOCRINE TRANSITION SHAPING WOMEN'S HEALTH AND QUALITY OF LIFE

Author: Rareș-Mihai Lile; **Co-authors:** Marandiu Bogdan, Rosca Tamara

Scientific adviser: Corina Iliadi-Tulbure, MD, PhD MSc, Associate Professor, Obstetrics and Gynecology Department, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. *IMPACT OF OBESITY AND METABOLIC SYNDROME ON THE DEVELOPMENT OF ENDOMETRIAL HYPERPLASIA*

Author: Natalia Șargu

Scientific adviser: Liliana Profire, MD, PhD MSc, Associate Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. *MANAGEMENT OF GESTATIONAL ANEMIA: RISK FACTORS AND CURRENT WHO RECOMMENDATIONS*

Author: Felicia Poiană

Scientific adviser: Natalia Zarbailov, Dr. Hab. MSc, Associate Professor, Department of Family Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. *SECONDARY INFERTILITY ASSOCIATED WITH INTRAUTERINE ADHESIONS: HYSTEROSCOPIC DIAGNOSIS AND MANAGEMENT*

Author: Cristina Otel; **Co-authors:** George-Adrian Diaconu, Natalia Caus, Catalin Caus

Scientific adviser: Valentin Friptu, Dr. Hab. MSc, Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. *BENIGN VULVOVAGINAL MESENCHYMAL TUMORS*

Author: Daniela Șișianu

Scientific adviser: Anna Mishina, MD, PhD MSc, Mother and Child Institute, Chisinau, Republic of Moldova

6. *THE INTERDEPENDENCE BETWEEN THE PATHOGENETIC MECHANISMS OF ENDOMETRIOSIS AND THE DYNAMICS OF FEMALE REPRODUCTIVE DYSFUNCTION: AN INTEGRATIVE SYNTHESIS*

Author: Tev vap Teymurluk; **Co-authors:** Ruben-Angelo Chiriloae, Maximian Curosu, Elena Titica

Scientific adviser: Elena Titica, MD, Assistant Professor, Department of Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. *CLINICAL AND THERAPEUTIC PERSPECTIVES ON ABNORMAL UTERINE BLEEDING IN ADOLESCENCE*

Author: Krasimira Burlac; **Co-authors:** Cristina Bubulici, Maxim Morari

Scientific adviser: Corina Iliadi-Tulbure, MD, PhD MSc, Associate Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

8. *CLINICAL, ENDOCRINE AND EARLY METABOLIC FEATURES OF POLYCYSTIC OVARY SYNDROME IN ADOLESCENTS: A RETROSPECTIVE TERTIARY-CENTER STUDY*

Author: Tamara Rosca; **Co-author:** Maria Cemortan

The 11th International Medical Congress For Students And Young Doctors

Scientific adviser: Iliadi-Tulbure Corina, MD, PhD MSc, Associate Professor, Obstetrics and Gynecology Department, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. POSTPARTUM ADNEXAL MASS: WHEN THE DIAGNOSIS HIDES AN OVARIAN EMBRYONAL CARCINOMA – DIAGNOSTIC AND THERAPEUTIC CHALLENGES

Author: Cristina Casian; **Co-authors:** Rodica Catrinici, Gabriela Țurcanu, Ana Haritonenco
Scientific adviser: Rodica Catrinici, MD, PhD MSc, Associate Professor, Obstetrics, Gynaecology and Human Reproduction Discipline, Obstetrics and Gynaecology Department, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. CONTEMPORARY EVIDENCE IN REPRODUCTIVE ISSUES AND INNOVATIVE TOOLS IN POLYCYSTIC OVARY SYNDROME

Author: Condrea Irina; **Co-authors:** Roșca Tamara, Cemortan Maria
Scientific adviser: Corina Iliadi Tulbure, MD, PhD MSc, Associate Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. FROM ENDOCRINE DISORDER TO SURGICAL EMERGENCY: OVARIAN CYST RUPTURE IN UNTREATED POLYCYSTIC OVARY SYNDROME

Author: Vlada Marianciuc
Scientific adviser: Ion Adamciuc, MD, Department of Gynecology, Institute of Emergency Medicine, Chisinau, Republic of Moldova

12. REPRODUCTIVE IMPACT OF EATING DISORDERS IN ADOLESCENCE WITH FOCUS ON MENSTRUAL DYSFUNCTION AND BODY MASS INDEX

Author: Dorina Gasnaș
Scientific adviser: Corina Iliadi Tulbure, MD, PhD MSc, Associate Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. MENOPAUSAL HORMONE THERAPY AND BREAST CANCER: RECENT ADVANCES

Author: Victoria Bugai
Scientific adviser: Diana Mitriuc, MD, Assistant Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. ENDOMETRIAL HYPERPLASIA AS A PRECURSOR OF ENDOMETRIAL CARCINOMA: CURRENT DIAGNOSTIC AND THERAPEUTIC PERSPECTIVES

Author: Ainura Abdulraghimov; **Co-authors:** Cristiana Nichitovici, Irina Tripac
Scientific adviser: Victor Ciobanu, MD, PhD MSc, Associate Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. DIFFERENTIAL DIAGNOSIS OF CYTOLYSIS IN PREGNANCY: HELLP SYNDROME OR DECOMPENSATED LIVER CIRRHOSIS?

Author: Mihaela Zingan; **Co-author:** Angela Marian-Pavlenco

Scientific adviser: Angela Marian-Pavlenco, MD, PhD MSc, Associate Professor, Obstetrics, Gynaecology and Human Reproduction Discipline, Obstetrics and Gynaecology Department, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. INTRAUTERINE ADHESION FORMATION AFTER DILATION AND CURETTAGE AND VACUUM ASPIRATION: ANATOMICAL CHANGES, RISK OF ASHERMAN'S SYNDROME, AND IMPLICATIONS FOR FUTURE FERTILITY

Author: Acsanta Reny

Scientific adviser: Luminița Mihalcean, MD, PhD MSc, Associate Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. WHARTON'S JELLY EDEMA – A CASE REPORT

Author: Diana Antoci; **Co-author:** Rodica Catrinici, Gheorghe Caliga

Scientific adviser: Rodica Catrinici, MD, PhD MSc, Associate Professor, Obstetrics, Gynaecology and Human Reproduction Discipline, Obstetrics and Gynaecology Department, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. FERTILITY-PRESERVING MANAGEMENT OF COUVELAIRE UTERUS, A RARE CASE REPORT

Author: Merlin Bijoy; **Co-author:** Victoria Voloceai

Scientific adviser: Victoria Voloceai, MD, Assistant Professor, Department of Obstetrics of Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. ALGORITHMIC STANDARDIZATION OF CARDIOTOCOGRAPHY USING THE AUTOMATED FISHER-KREBS SCORE AND ITS IMPACT ON INTRAPARTUM OBSTETRIC DECISIONS: A COMPARATIVE STUDY IN A LEVEL III PERINATAL CENTER (2025)

Author: Maria-Magdalina Teacă

Scientific adviser: Liudmila Stavinskaia, MD, PhD MSc, Assistant Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. INTRAUTERINE GROWTH RESTRICTION: EARLY ULTRASOUND DIAGNOSIS AND THERAPEUTIC MANAGEMENT

Author: Gabriela Țurcanu; **Co-authors:** Ana Jora, Cristina Casian

Scientific adviser: Catrinici Rodica, MD, PhD MSc, Associate Professor, Discipline of Obstetrics, Gynecology and Human Reproduction, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. PARENTERAL IRON SUPPLEMENTATION IN PREGNANCY: EFFECTS ON MATERNAL HEMATOLOGIC PARAMETERS AND DELIVERY OUTCOMES

Author: Irina Burdeniuc; **Co-authors:** Natalia Scifos, Oxana Munteanu

Scientific adviser: Oxana Munteanu, MD, PhD MSc, Associate Professor, Head of Department of Pulmonology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. ENDOMETRIAL POLYPS. ULTRASOUND AND HYSTEROSCOPIC ASPECTS

Author: Vlada Bejan; **Co-author:** Ainura Abdulraghimov

Scientific adviser: Cătălin Căuș, MD, PhD MSc, Associate Professor, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. MACROSOMIC FETUS AND VAGINAL DELIVERY – CHALLENGES AND OPTIONS

Author: Vengher Liliana; **Co-authors:** Catrinici Rodica, Mitriuc Diana, Jora Ana

Scientific adviser: Catrinici Rodica, MD, PhD MSc, Associate Professor, Discipline of Obstetrics, Gynecology and Human Reproduction, Department of Obstetrics and Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. UTERINE TRANSPLANTATION - SURGICAL INNOVATION IN REPRODUCTIVE MEDICINE

Author: Marius Cârciușmaru

Scientific adviser: Mircea Hogeș, MD, PhD MSc, Assistant Professor, Department of medical and surgical specialties, Transilvania University of Brasov, Brasov, Romania

25. IMPACT OF GESTATIONAL DIABETES MELLITUS ON MATERNAL RISK FACTORS AND PERINATAL OUTCOMES: A RETROSPECTIVE STUDY

Author: Nicoleta-Luminița Vieru

Scientific adviser: Victoria Voloșcai, MD, Assistant Professor, Department of Obstetrics of Gynecology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. THE ROLE OF PLACENTAL ENDOCRINE FUNCTION IN OBSTETRIC COMPLICATIONS

Author: Eugenia Briciuc; **Co-author:** Angela Marian-Pavlenco

Scientific adviser: Angela Marian-Pavlenco, MD, PhD MSc, Associate Professor, Obstetrics, Gynaecology and Human Reproduction Discipline, Obstetrics and Gynaecology Department, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

27. REVIEW OF DEEP LEARNING FOR FETAL ANOMALY DETECTION VIA ULTRASOUND AND MRI IN MATERNAL-FETAL SURGERY PLANNING

Author: Aishwarya Emima Raj Stephen Raj

Scientific adviser: Dr Jeffrey Winner G, MBBS, MD, Professor, Department of Pharmacology, PSP Medical College and Research Institute, India

XV. ONCOLOGY, HEMATOLOGY AND RADIOLOGY

Chairman: Buruiană Sanda, PhD MSc, Associate Professor

Members: Şchiopu Victor, PhD MSc, Associate Professor

Olaru Andrei, MD, PhD MSc, Associate Professor

Tomacinschi Victor, MD, Assistant Professor

Nepotu Marina, MD, Assistant Professor

Cealan Andrei, MD, Associate Professor

Secretary: Bodrug Artur

1. *EARLY IDENTIFICATION OF ADULT PATIENTS AT INCREASED RISK OF IRON DEFICIENCY*

Author: Anastasia Luca; **Co-author:** Lora Giţu

Scientific adviser: Lora Giţu, PhD, Associate Professor, Department of Family Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. *IMAGING DIAGNOSIS OF EMPHYSEMATOUS NECROTIZING PANCREATITIS*

Author: Daria Constantinov

Scientific adviser: Carolina Sanduţa, MD, University Assistant, Department of Radiology and Medical Imaging, Head of the Medical Imaging Department, *Timofei Mosneaga* Republican Clinical Hospital, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

3. *POSTMENOPAUSAL OSTEOPOROSIS*

Author: Anastasia Bărcă

Scientific adviser: Marina Nepotu, Assistant Professor, Department of Radiology and Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

4. *IMAGING DIAGNOSIS OF LARYNGEAL CANCER*

Author: Melania Mitul

Scientific adviser: Igor Gavrilăşenco, Assistant Professor, Department of Radiology and Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

5. *TRAUMATIC ORBITAL PATHOLOGIES IN ADULTS*

Author: Romdhane Roua

Scientific adviser: Domnica Calin MD, MPH, Assistant Professor, Department of Radiology and Medical Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

6. *IMAGING DIAGNOSIS OF EWING'S SARCOMA*

Author: Constantin Arabadji

Scientific adviser: Igor Gavrilăşenco, Assistant Professor, Department of Radiology and Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

7. *CONTRAST AGENTS IN COMPUTED TOMOGRAPHY: INDICATIONS, HANDLING AND SAFETY*

Author: Doina Viziru

Scientific adviser: Marina Nepotu, Assistant Professor, Department of Radiology and Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. *THE IMPACT OF NEW GENERATION OF X-RAY DEVICES ON IMAGE QUALITY AND RADIATION DOSE*

Author: Ema Ma

Scientific adviser: Eugenia Peatac, University Lecturer, Department of Radiology and Medical Imaging, Head of the Radiology, Imaging and Computed Tomography Department within IMSP SCM *Sfanta Treime, Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. *THE PROGRESS OF HYBRID IMAGING TECHNOLOGIES: MORPHO-FUNCTIONAL INTEGRATION IN PRECISION DIAGNOSIS*

Author: Victor Gherghelegiu; **Co-author:** Alexandra Starosta

Scientific adviser: Andrei Cealan, MD, Associate Professor, Department of Radiology and Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. *BLESSING OR A CURSE - ARTIFICIAL INTELLIGENCE IN MANAGEMENT AND TREATMENT OF PRIMARY SPONTANEOUS PNEUMOTHORAX*

Author: Marian Ghidarcea Darius; **Co-author:** Vasile Iftime

Scientific adviser: Dr. Med.Vlad-Mircea Gîrdan

11. *NEURO-CEREBRAL IMAGING TECHNIQUES: NON-CONTRAST CEREBRAL CT, CONTRAST-ENHANCED CEREBRAL CT AND CEREBRAL CT ANGIOGRAPHY*

Author: Claudia Morandini

Scientific adviser: Carolina Sanduța, MD, Assistant Professor, Department of Radiology and Medical Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova, Head of the Medical Imaging Department, Republican Clinical Hospital “Timofei Moșneaga

12. *CLINICAL AND IMAGING DIAGNOSIS OF LUMBAR NEUROCOMPRESSIVE SYNDROME*

Author: Maria Boaghe **Co-author:** Victoria Seu

Scientific adviser: Victoria Seu, MD, Assistant Professor, Department of Radiology and Imaging, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. *IMPORTANCE OF FLOW CYTOMETRY IN ACUTE LEUKEMIA*

Author: Sathyajith Malavika

Scientific adviser: Sanda Buruiana, PhD MSc, Associate Professor, Head of Hematology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

14. EVALUATION OF RELAPSES IN PATIENTS WITH HODGKIN LYMPHOMA STAGES I AND II WITH PRIMARY CERVICAL LYMPH NODE INVOLVEMENT

Author: Riya Kariot Ayisha

Scientific adviser: Aliona Golub, Assistant Professor, Discipline of Hematology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. THERAPEUTIC CHALLENGES IN THE MANAGEMENT OF ACUTE PROMYELOCYTIC LEUKEMIA AFTER LIVER TRANSPLANTATION

Author: Nicoleta Lisevici

Scientific adviser: Sanda Buruiana, PhD MSc, Associate Professor, Head of Hematology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

16. CLINICAL AND DIAGNOSTIC FEATURES OF MEDIASTINAL LYMPHOMAS

Author: Anastasia Barbuța

Scientific adviser: Sanda Buruiana, PhD MSc, Associate Professor, Head of Hematology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. CHALLENGES AND OPPORTUNITIES OF JAK INHIBITORS THERAPY IN CHRONIC MYELOPROLIFERATIVE NEOPLASMS

Author: Ghenadie Sacaliuc; **Co-author:** Vasile Musteață

Scientific adviser: Vasile Musteață, PhD MSc, Associate Professor, Haematology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. NON-HODGKIN LYMPHOMAS: UPDATED INSIGHTS INTO EVOLUTION AND COMPLICATIONS

Author: Elina Vladova; **Co-author:** Vasile Musteata

Scientific adviser: Vasile Musteata, PhD MSc, Associate Professor, Hematology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. NEW APPROACHES IN THE SURGICAL TREATMENT EARLY-STAGE CERVICAL CANCER

Author: Aleena Susan Ranjith

Scientific adviser: Mariana Virlan, Assistant Professor, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

20. AN INNOVATIVE CONCEPT ON THE USE OF 3D-MIXED REALITY IN ONCOLOGY FOR DIDACTICAL AND PRACTICAL PURPOSES- CURRENT ACHIEVEMENTS AND FUTURE PROSPECTS

Author: Eugeniu Valic; **Co-author:** Vladimir Valic

Scientific adviser: Victor Șchiopu, PhD MSc, Associate Professor, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

21. PERSPECTIVES OF IMMUNOTHERAPY IN THE TREATMENT OF MELANOMA

Author: Ana Barcaru

Scientific adviser: Ion Mereuță, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. DEVELOPMENT OF A PREDICTIVE NOMOGRAM FOR POSTOPERATIVE COMPLICATIONS AFTER SURGERY FOR PRIMARY RETROPERITONEAL TUMORS

Author: Nicoleta Chisaru; **Co-authors:** Pavel Chisaru, Gheorghe Buruiană

Scientific adviser: Victor Șchiopu, PhD, Associate Professor, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. CLINICAL AND PATHOLOGICAL DETERMINANTS OF CUTANEOUS MELANOMA: A RETROSPECTIVE STUDY OF 127 CONFIRMED CASES

Author: Valeria Ticalenco

Scientific adviser: Victor Cernat, Dr. Hab. MSc, Professor, Department of Oncology, PMSI Oncology Institute, Chisinau, Republic of Moldova

24. POSTOPERATIVE COMPLICATIONS IN PATIENTS WITH LUNG TUMORS

Author: Mihaela Prepelită

Scientific adviser: Valentin Martalog, PhD MSc, Associate Professor, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

25. ALTERNATIVE RECONSTRUCTION AFTER ONCOLOGIC GASTRIC RESECTION: FUNCTIONAL AND NUTRITIONAL IMPACT

Author: Pavel Chisaru

Scientific adviser: Victor Șchiopu, PhD, Associate Professor, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. COLORECTAL CANCER SCREENING IN THE REPUBLIC OF MOLDOVA: FROM OPPORTUNISTIC TO ORGANIZED

Author: Marina Vornic; **Co-author:** Corina Scerbatiuc-Condur

Scientific adviser: Igor Misin, MD, Scientific Researcher, Laboratory of Hepato-Pancreato-Biliary Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

27. DIAGNOSTIC YIELD OF BREAST CANCER SCREENING IN THE REPUBLIC OF MOLDOVA

Author: Ariadna Simionica

Scientific adviser: Lilia Bacalîm, MD, PhD MSc, Associate Professor, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic Of Moldova

28. THERAPEUTIC ADVANCES IN TRIPLE-NEGATIVE BREAST CANCER

Author: Nicoleta Ungureanu

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Scientific adviser: Lilia Bacalîm, MD, PhD MSc, Associate Professor, Department of Oncology, Nicolae Testemițanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

29. THE IMPACT OF OBESITY ON THE DEVELOPMENT OF BREAST CANCER

Author: Cătălin Ungureanu

Scientific adviser: Lilia Bacalîm, MD, PhD MSc, Associate Professor, Department of Oncology, Nicolae Testemițanu State University of Medicine and Pharmacy, Chisinau, Republic Of Moldova

XVI. OPHTHALMOLOGY AND ORL

Chairman: Jeru Ion, Dr. hab. MSc, associate professor

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Chiaburu Anghelina, PhD MSc, associate professor
Enachi Victor, university assistant
Diacova Svetlana, Dr. hab. MSc, associate professor

Secretary: Utocichina Ana

1. DRY EYE SYNDROME IN DIABETIC VERSUS NON DIABETIC PATIENTS UNDERGOING CATARACT SURGERY

Author: Ana Utocichina

Scientific adviser: Valeriu Cușnir, Dr. Hab. MSc, Professor, Department of Ophthalmology, Nicolae Testemițanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. THE IMPACT OF DRY EYE DISEASE ON THE PREOPERATIVE ACCURACY IN CATARACT SURGERY

Author: Daniela Ciobanu

Scientific adviser: Maria Iacubițchii, Assistant Professor, Department of Ophthalmology-Optometry, Nicolae Testemițanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. ULTRASOUND BIOMICROSCOPY IN ANTERIOR SEGMENT OCULAR TRAUMA: ANGLE RECESSION CILIOCHOROIDAL EFFUSION

Author: Marina Papanaga; **Co-authors:** Angela Corduneanu, Aristia Șeremet, Maria Chihai

Scientific adviser: Eugeniu Bendelic, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Head of Department of Ophthalmology, Nicolae Testemițanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. OPHTHALMOLOGICAL FEATURES OF CAROTIDOCATERONOUS FISTULA – CLINICAL CASE PRESENTATION

Author: Valeria Comandari; **Co-authors:** Veronica Chișca, Valeria Frecauțanu, Victoria Tcaci

Scientific adviser: Veronica Chișca, MD, Assistant Professor, Department of Ophthalmology, Nicolae Testemițanu State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. AI IN DRY EYE DISEASE DIAGNOSIS AND MANAGEMENT: A LITERATURE REVIEW

Author: Aiswarya Sudhish

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Scientific adviser: Ala Paduca, PhD MSc, Associate Professor, Department of Ophthalmology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. THE IMPORTANCE OF OPTICAL COHERENCE TOMOGRAPHY (OCT) AND RETINAL NERVE FIBER LAYER (RNFL) ASSESSMENT IN GLAUCOMA

Author: Tatiana Jighina

Scientific adviser: Ala Paduca, PhD MSc, Associate Professor, Department of Ophthalmology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. THE ROLE OF GASTROESOPHAGEAL REFLUX IN CHRONIC PHARYNGITIS IN CHILDREN

Author: Mădălina-Eliza Maros; **Co-authors:** Lucian Danilov, Maria Bugan, Mihaela Prisăcaru

Scientific adviser: Lucian Danilov, MD, PhD, Professor, Department of Otorhinolaryngology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. CONTEMPORARY MANAGEMENT OF ACOUSTIC NEUROMA

Author: Rizana Hussin

Scientific adviser: Sergiu Vetrician, PhD, Dr. habil. in Medical Sciences, Professor, Head of Department of Otorhinolaryngology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. THE HUMAN VOICE- VOICE DISORDERS

Author: Mariana Le Neal

Scientific adviser: Vasile Cabac, MD, PhD, Associate Professor, Department of Otorhinolaryngology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. INNOVATIONS IN EAR RECONSTRUCTION: FROM COSTAL CARTILAGE TO 3D PRINTING AND TISSUE ENGINEERING

Author: Ana-Maria Olteanu; **Co-author:** Cristina Lazăr

Scientific adviser: Roxana Mihaela Brok, MD, Transilvania University of Braşov, Braşov, Romania

11. OTITIS MEDIA IN CHILDREN: THE IMPACT OF ASSOCIATED COMORBIDITIES

Author: Mihail Eschin; **Co-author:** Svetlana Diacova

Scientific adviser: Svetlana Diacova, MD, PhD MSc, Associate Professor, Department of Otorhinolaryngology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. GIANT PAPILLARY CONJUNCTIVITIS IN CONTACT LENS WEARERS: CAUSES, SYMPTOMS, AND SOLUTIONS

Author: Vlada Marciuc

Scientific adviser: Lilia Dumbraveanu, MD, PhD, Associate Professor, Head of Department of Ophthalmology-Optometry, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. DIFFERENTIAL DIAGNOSIS BETWEEN KERATITIS AND ANTERIOR UVEITIS IN PATIENTS WITH PAINFUL RED EYE

Author: Felicia Tripac

Scientific adviser: Eugeniu Bendelic, Dr. Hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova, Head of Department of Ophthalmology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

14. CORRELATION BETWEEN INTRAOCULAR LENS POWER CALCULATION AND FINAL VISUAL OUTCOMES

Author: Alina Dimitriu; **Co-authors:** Cornelia Ceban, Valeriu Cuşnir, Vera Chiriac

Scientific adviser: Cornelia Ceban, Assistant Professor, Department of Ophthalmology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XVII. PEDIATRICS

Chairman: Revenco Ninel, Dr. hab. MSc, professor

Members: Holban Ala, PhD MSc, associate professor

Cracea Angela, PhD MSc, associate professor

Bogonovschi Livia, PhD MSc, university assistant

Secretary: Ghereg Alina

1. IMPACT OF ARTERIAL HYPERTENSION ON THE COURSE OF GLOMERULONEPHRITIS IN CHILDREN.

Author: Sofia Curuci-Gavriuşenco; **Co-author:** Liliana Bichir-Thoreac

Scientific adviser: Nelea Mătrăgună, MD, PhD MSc, Associate Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic Of Moldova

2. MANAGEMENT OF METABOLIC SYNDROME IN CHILDREN.

Author: Lilia Petcu

Scientific adviser: Ina Palii, Dr. Hab. MSc, Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova; Cardiology Department, Institute of Mother and Child, Chisinau, Republic of Moldova

3. NON-EPILEPTIC PAROXYSMAL PHENOMENA IN THE CONTEXT OF BREATH-HOLDING SPELLS

Author: Patricia Goriuc

Scientific adviser: Cornelia Calcîi, MD, PhD MSc, Associate Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

4. BEYOND IMAGING: THE DIAGNOSTIC PUZZLE OF A PEDIATRIC PULMONARY ABSCESS

Author: Aida-Nicoleta Grecu; **Co-author:** Vlad David Lepădatu

Scientific adviser: Ileana Katerina Ioniuc, MD, PhD MSc, Assistant Professor, Discipline of Pediatrics, Department of Mother and Child Health, *Grigore T. Popa* University of Medicine and Pharmacy, Iaşi, Romania

5. CLINICAL CORRELATION BETWEEN ENTERIC INNERVATION AND COLONIC MOTOR DYSFUNCTION

Author: Ecaterina Boian; **Co-author:** Andrei Draganel

Scientific adviser: Jana Bernic, Dr. Hab. MSc, Professor, Head of Department of Pediatric Surgery, Orthopedics and Anesthesiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. CORRELATIONAL RELATIONSHIP BETWEEN THE GENETIC POLYMORPHISM OF PRIMARY LACTASE DEFICIENCY AND THE HLA-DQ2/DQ8 GENOTYPE IN PEDIATRIC CELIAC DISEASE IN THE REPUBLIC OF MOLDOVA.

Author: Mirela Perepeleța; **Co-author:** Tatiana Raba

Scientific adviser: Tatiana Raba, Dr. Hab. MSc, Associate Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. LARYNGEAL HEMANGIOMA ASSOCIATED WITH CUTANEOUS HEMANGIOMAS: CLINICAL AND THERAPEUTIC APPROACH

Author: Corina Cebotari; **Co-authors:** Veronica Eșanu, Olga Ciuhrii

Scientific adviser: Ina Palii, Dr. Hab. MSc, Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova; Cardiology Department, Institute of Mother and Child, Chisinau, Republic of Moldova

8. CURRENT PERSPECTIVE ON HERPES VIRUS INFECTION IN PEDIATRIC PRACTICE

Author: Parvathi Poovam Murichathil

Scientific adviser: Elena Dolapciu, MD, PhD MSc, Assistant Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. GASTROINTESTINAL DISORDERS IN RHEUMATIC DISEASES IN CHILDREN.

Author: Kuttiyakkil Lakshmi

Scientific adviser: Ninel Revenco, Dr. Hab. MSc, Professor, Head of Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. PEDIATRIC MULTIPLE SCLEROSIS

Author: Natalia Moraru

Scientific adviser: Cornelia Calcîi, MD, PhD MSc, Associate Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

11. STEROID-RESISTANT NEPHROTIC SYNDROME IN A CHILD: WHEN AN APPARENTLY STRAIGHTFORWARD DIAGNOSIS MASKS A FATAL SYSTEMIC DISEASE

Author: Anastasia Erezanu

Scientific adviser: Olimpiada Codruța Iliescu Halitchi, MD, PhD MSc, Assistant Professor, Department of Pediatrics, *Grigore T. Popa* University of Medicine and Pharmacy, Iași, Romania

12. TRENDS AND PREVALENCE OF TOBACCO USE AMONG YOUTH

Author: Nanda Raj

Scientific adviser: Livia Bogonovschi, MD, Assistant Professor, Department of Pediatrics, *Nicolae Testemitanu* University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. ANTIPHOSPHOLIPID SYNDROME IN CHILDREN'S WITH SYSTEMIC LUPUS ERYTHEMATOSUS

Author: Nakhallahalli Srinivasachari Keerthana Spoorthi

Scientific adviser: Ninel Revenco, Dr. Hab. MSc, Professor, Head of Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. IMPACT OF GADGETS ON PHYSICAL DEVELOPMENT IN CHILDREN.

Author: Amisha Jacob Arackal

Scientific adviser: Livia Bogonovschi, MD, Assistant Professor, Department of Pediatrics, *Nicolae Testemitanu* University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. CLINICAL UTILITY OF LUNG ULTRASOUND FOR THE ASSESSMENT OF PULMONARY INVOLVEMENT IN JUVENILE IDIOPATHIC ARTHRITIS: A LITERATURE REVIEW

Author: Marin Foteniuc

Scientific adviser: Ninel Revenco, Dr. Hab. MSc, Professor, Head of Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. GUT–BRAIN AXIS: MICROBIOME–NEUROTRANSMITTER INTERACTIONS IN THE CONTEXT OF DEVELOPMENTAL DISORDERS IN YOUNG CHILDREN

Author: Victoria Cepraga; **Co-author:** Livia Bogonovschi

Scientific adviser: Ninel Revenco, Dr. Hab. MSc, Professor, Head of Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. DIAGNOSTIC AND MANAGEMENT CHALLENGES IN SEVERE COMMUNITY-ACQUIRED PNEUMONIA ASSOCIATED WITH URINARY TRACT INFECTIONS IN INFANTS

Author: Daniel Roznerița; **Co-authors:** Albina-Mihaela Iliev, Dina Pleșca, Eugenia Capmoale

Scientific adviser: Ala Donos, Dr. Hab. MSc, Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. JUVENILE IDIOPATHIC ARTHRITIS, SYSTEMIC FORM: EVOLUTION AND PARACLINICAL CHARACTERISTICS

Author: Serghei Matasari

Scientific adviser: Revenco Ninel, Dr. Hab. MSc, Professor, Head of Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. ADVANCES IN UNDERSTANDING AND MANAGEMENT OF JUVENILE IDIOPATHIC ARTHRITIS – ASSOCIATED UVEITIS

Author: Shaham Mahadhir

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Scientific adviser: Ninel Revenco, Dr. Hab. MSc, Professor, Head of Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. CLINICAL EVOLUTION OF SARS-COV-2 INFECTION IN A PRETERM NEWBORN

Author: Olga Rotari; **Co-authors:** Rodica Selevestru, Cornelia Călcii, Vergil Petrovici

Scientific adviser: Larisa Crivceanscaia, Dr. Hab. MSc, Associate Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XVIII. PHARMACOLOGY

Chairman: Pogonea Ina, PhD MSc, Associate Professor

Members: Bacinschi Nicolae, Dr. Hab. MSc, Associate Professor

Corețchi Ianoș, PhD MSc, Associate Professor

Catcov Carolina, MD MSc, Assistant Professor

Secretary: Iarovoi Alexandru

1. OPIOID FREE ANESTHESIA IN TOTAL KNEE ARTHROPLASTY: EFFICACY OF COMBINED SPINAL ANESTHESIA AND ADDUCTOR CANAL BLOCK

Author: Alexandra Diana Bria

Scientific adviser: Claudiu Barsac, PhD MSc, Assistant Professor, Department of Anesthesiology and Intensive Care, *Victor Babes* University of Medicine and Pharmacy Timisoara, Romania

2. MANAGEMENT OF DRUG INTOXICATION WITH OPIOIDS AT THE PREHOSPITAL STAGE AND IN EMERGENCY DEPARTMENTS

Author: Elizaveta Verbițkaia

Scientific adviser: Larisa Rezneac, MD, PhD MSc, Associate Professor, Head of *Gh. Ciobanu* Department of Emergency Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

3. CHIMERIC ANTIGEN RECEPTOR (CAR)-T CELL THERAPY, A "LIVING DRUG" AGAINST HEMATOLOGICAL MALIGNANCIES

Author: Nicoleta Vatamaniuc

Scientific adviser: Carolina Catcov, MD, Assistant Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

4. EMERGING DIRECTIONS IN MIGRAINE MANAGEMENT WITH CGRP RECEPTOR ANTAGONISTS

Author: Victor Bejanu

Scientific adviser: Ecaterina Stratu, MD, PhD MSc, Associate Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. PLEIOTROPIC MECHANISMS AND CARDIOVASCULAR EFFECTS OF GLP-1 RECEPTOR AGONISTS IN HEART FAILURE

Author: Alexandru Dănilă

Scientific adviser: Galina Spînosu, Assistant Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. ALDOSTERONE SYNTHASE INHIBITORS: A NEW PERSPECTIVE IN THE TREATMENT OF ARTERIAL HYPERTENSION

Author: Nicolenco Nicoleta; **Co-author:** Gheorghe Bors

Scientific adviser: Nicolae Bacinschi, Dr. Hab. MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. PERIPHERALLY ACTING μ -OPIOID RECEPTOR ANTAGONISTS IN OPIOID-INDUCED CONSTIPATION

Author: Ilinca Pușcaș

Scientific adviser: Nicolae Bacinschi, Dr. Hab. MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. EFFECTS OF MONOCLONAL ANTIBODIES IN MULTIPLE SCLEROSIS

Author: Alexandra Duca

Scientific adviser: Galina Spînosu, Assistant Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. THE ROLE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS IN THE MANAGEMENT OF PAIN IN RENAL COLIC AND THEIR INFLUENCE ON URINARY STONE EXPULSION

Author: Anastasia Covalenco

Scientific adviser: Ecaterina Stratu, MD, PhD MSc, Associate Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. COMPARING MODERN AND TRADITIONAL MEDICINE PRACTISED IN INDIA

Author: Anandhu Krishnan

Scientific adviser: Carolina Catcov, MD, Assistant Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. NSAID-INDUCED ENTEROPATHY - THE NEGLECTED AREA OF "GASTROPROTECTION" WITH PPI

Author: Elena Sagaidac

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Scientific adviser: Ina Guțu, PhD, Associate Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. GLUCAGON-LIKE PEPTIDE-1 RECEPTOR AGONISTS IN THE TREATMENT OF TYPE 2 DIABETES MELLITUS

Author: Anastasia Sîrbu

Scientific adviser: Nicolae Bacinschi, Dr. Hab. MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. PROTON PUMP INHIBITORS AND THE RISK OF HEPATIC ENCEPHALOPATHY IN CIRRHOTIC PATIENTS

Author: Alexandru Iarovoi

Scientific adviser: Nicolae Bacinschi, Dr. Hab. MSc, Associate, Head of Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. THE PARADOXICAL NEUROTOXIC EFFECT OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDs) IN THE TREATMENT OF DRUG-INDUCED PERIPHERAL NEUROPATHY (DIPN)

Author: Anastasia Felonis

Scientific adviser: Ecaterina Stratu, MD, PhD MSc, Associate Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XIX. PHARMACY CLINICAL CASES

Chairman: Dogotari Liliana, PhD PhSc, Associate Professor

Members: Ciobanu Nicolae, PhD PhSc, Associate Professor
Scutari Corina, PhD MSc, Associate Professor
Melnic Silvia, PhD CSc, Associate Professor

Secretary: Cujba Cătălina

1. THE ROLE OF PSYCHOSOCIAL FACTORS IN SELF-MEDICATION

Author: Margareta Melnic

Scientific adviser: Liliana Dogotari, PhD PhSc, Associate Professor, *Vasile Procopișin* Department of Social Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

2. CURRENT REGULATORY FRAMEWORKS FOR BIOEQUIVALENCE STUDIES

Author: Ionela Smuc

Scientific adviser: Livia Uncu, Dr. Hab. PhSc, Associate Professor, Department of Pharmaceutical and Toxicological Chemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

3. ASSESSMENT OF RISK FACTORS ASSOCIATED WITH THE ADULTERATION OF DIETARY SUPPLEMENTS

Author: Alexia Pelivan

Scientific adviser: Livia Uncu, Dr. Hab. PhSc, Associate Professor, Department of Pharmaceutical and Toxicological Chemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

4. FTIR ANALYSIS OF CHEMICAL AND PLANT-DERIVED PRODUCTS FROM A COMBINED POWDER

Author: Daniela Botnaru; **Co-author:** Ecaterina Mazur

Scientific adviser: Vladimir Valica, Dr. Hab. PhSc, Professor, Head of Department of Pharmaceutical and Toxicological Chemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

5. THE IMPORTANCE OF LEPTINEMIA IN IDENTIFYING OBESITY AND METABOLIC RISK

Author: Elvira Permeacova-Rusnac; **Co-author:** Vladimir Valica

Scientific adviser: Vladimir Valica, Dr. Hab. PhSc, Professor, Head of Department of Pharmaceutical and Toxicological Chemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

6. THE ROLES OF THE PHARMACEUTICAL FORMS OF CLOZAPINE IN THE MANAGEMENT OF PATIENTS WITH SCHIZOPHRENIA

Author: Cristian Anghel

Scientific adviser: Diana Guranda, PhD PhSc, Associate Professor, Department of Drug Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

7. MODERN PHARMACEUTICAL FORMULATION APPROACHES IN OVERCOMING BACTERIAL RESISTANCE TO TOPICAL ANTIBIOTICS

Author: Cătălin Prodaniciu

Scientific adviser: Rodica Solonari, PhD PhSc, Assistant Professor, Department of Drug Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

8. INFLUENCE OF PHARMACEUTICAL FORM ON THE ABSORPTION OF HYDROLYZED COLLAGEN

Author: Nicoleta Bargan

Scientific adviser: Diana Guranda, PhD PhSc, Associate Professor, Department of Drug Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

9. MAGISTRAL FORMS WITH SILVER IN THE TREATMENT OF SKIN WOUNDS

Author: Guranda Victoria

Scientific adviser: Nicolae Ciobanu, PhD PhSc, Associate Professor, Head of Department of Pharmaceutical Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

10. MECHANISMS OF MAGNESIUM INTERACTIONS AND THEIR CLINICAL IMPACT

Author: Vlada Batereanu

Scientific adviser: Livia Uncu, Dr. Hab. PhSc, Associate Professor, Department of Pharmaceutical and Toxicological Chemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

11. PHARMACEUTICAL SAFETY IN THE MEDICINE MANUFACTURING PROCESS

Author: Ana-Maria Schin; **Co-author:** Valentina Buliga

Scientific adviser: Valentina Buliga, PhD PhSc, Associate Professor, *Vasile Procopișin* Department of Social Pharmacy, Master of Public Administration, Social Expert, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

12. THE ROLE OF HOSPITAL PHARMACY IN ENSURING PHARMACEUTICAL SAFETY OF HOSPITALIZED PATIENTS

Author: Iulia Malacili; **Co-author:** Valentina Buliga

Scientific adviser: Valentina Buliga, PhD PhSc, Associate Professor, Master of Public Administration, Social Expert, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

13. PHARMACEUTICAL LEGISLATION: LITHUANIA VS. MOLDOVA

Author: Alexandru Palanciuc; **Co-author:** Tatiana Șchiopu

Scientific adviser: Stela Adauji, Dr. Hab. PhSc, Associate Professor, Head of the *Vasile Procopișin* Department of Social Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

14. SPECIES OF THE GENUS SOLIDAGO – SOURCES OF PHYTOPREPARATIONS WITH DIURETIC ACTIVITY

Author: Iana Carafizi

Scientific adviser: Cornelia Fursenco, University Assistant Department of Pharmacognosy and Pharmaceutical Botany, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

15. SAFETY PROFILE OF ANTIRETROVIRAL DRUGS IN THE MANAGEMENT OF HIV/AIDS

Author: Sorina Nicolai; **Co-authors:** Angela Nagiț, Lucia Pîrțînă, Ecaterina Polevanov

Scientific adviser: Corina Scutari, MD, PhD MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

16. THE ROLE OF ARTIFICIAL INTELLIGENCE (AI) IN SEMISOLID PHARMACEUTICAL FORMULATION

Author: Olga Tăbîrță; **Co-author:** Tatiana Sîlnic, Cristina Ciobanu

Scientific adviser: Nicolae Ciobanu, PhD PhSc, Associate Professor, Head of Department of Pharmaceutical Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

17. THE ROLE OF IRON-BASED MEDICINAL PRODUCTS AND DIETARY SUPPLEMENTS IN CORRECTING IRON DEFICIENCY ACROSS VARIOUS PATHOLOGIES

Author: Antonela Podaru; **Co-author:** Olga Jalba, Sandrina Bocan

Scientific adviser: Rodica Peredelcu, PhD MSc, Associate Professor, Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

18. EVALUATION OF MODERN PRACTICES OF INTESTINAL MICROBIOTA TRANSPLANTATION IN THE TREATMENT OF CLOSTRIDIODES DIFFICILE INFECTION

Author: Olimpia Pușcă

Scientific adviser: Elena Bodrug, MD, PhD MSc, Associate Professor, Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

19. SAFETY OF MUSCLE-BUILDING PRODUCTS

Author: Paula Iepure; **Co-authors:** Rodica Peredelcu, Doina Macari, Corina Scutari

Scientific adviser: Corina Scutari, MD, PhD MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

20. SELF-DIRECTED LEARNING AND PROFESSIONAL DEVELOPMENT OF PHARMACISTS

Author: Arina Mardari

Scientific adviser: Stela Aduji, Dr. Hab. PhSc, Associate Professor, Head of the *Vasile Procopisin* Department of Social Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

21. MARKET WITHDRAWAL MANAGEMENT OF NON-COMPLIANT MEDICINES

Author: Nadejda Jigan

Scientific adviser: Stela Aduji, Dr. Hab. PhSc, Associate Professor, Head of the *Vasile Procopisin* Department of Social Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

22. IN VITRO MICROPROPAGATION AS POTENTIAL WAY OF ARONIA MELANOCARPA MULTIPLICATION

Author: Ilie Glavan; **Co-author:** Iulia Bozbei

Scientific adviser: Tatiana Calalb, Dr. Hab. BSc, Professor, Head of the Department of Pharmacognosy and Pharmaceutical Botany, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

23. THE EFFECTIVENESS OF PHARMACEUTICAL DOSAGE FORMS IN THE TREATMENT OF VAGINAL DISORDERS

Author: Lilia Tiron

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Scientific adviser: Rodica Solonari, PhD PhSc, Assistant Professor, Department of Drug Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

24. THE IMPACT OF DIGITAL TECHNOLOGIES ON THE EFFICACY OF NASAL DRUG DELIVERY SYSTEMS: A BIOPHARMACEUTICAL APPROACH

Author: Vica Lupei

Scientific adviser: Diana Guranda, PhD PhSc, Associate Professor, Department of Drug Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

25. PATIENT, FAMILY AND PHARMACIST: PARTNERSHIP FOR THE SAFETY AND QUALITY OF TREATMENT

Author: Marina Gojan

Scientific adviser: Stela Aduji, Dr. hab. in Pharmaceutical Sciences, Associate Professor, Head of the *Vasile Procopisin* Department of Social Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

XX. PHARMACY ORAL PRESENTATIONS

Chairman: Uncu Livia, Dr. Hab. PhSc, Associate Professor

Members: Valica Vladimir, Dr. Hab. PhSc, Professor

Calalb Tatiana, Dr. Hab. BSc, Professor

Aduji Stela, Dr. Hab. PhSc, Associate Professor

Secretary: Ciobanu Daniela

1. EXPERIMENTAL BIOSIMILAR PRODUCTION LINE IMPLEMENTATION AT NICOLAE TESTEMIȚANU STATE UNIVERSITY OF MEDICINE AND PHARMACY

Author: Radu Cazacu; **Co-author:** Valica Vladimir

Scientific adviser: Todiras Mihail, Dr. Habil. in Medical Sciences, Professor, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

2. THE ROLE OF EXCIPIENTS IN THE CONTROL OF NITROSAMINE IMPURITIES IN TABLETS AND CAPSULES

Author: Nelea Ciornaia; **Co-authors:** Mihail Anton, Nicolae Ciobanu

Scientific adviser: Nicolae Ciobanu, PhD PhSc, Associate Professor, Head of Department of Pharmaceutical Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

3. SEMAGLUTIDE- THERAPEUTIC BENEFITS AND IMPLICATIONS OF OFF-LABEL USE

Author: Diana-Maria Major

Scientific adviser: Alexandra Groșan, PhD, Senior Lecturer, Clinical Pharmacist

4. *CLINICAL PHARMACIST INVOLVEMENT IN IMMUNOSUPPRESSIVE THERAPY SAFETY MONITORING IN RHEUMATOID ARTHRITIS: FOCUS ON BIOLOGICAL AGENTS*

Author: Sorina Scurtu

Scientific adviser: Corina Scutari, MD, PhD MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

5. *FLOW CYTOMETRIC EVALUATION OF OXIDATIVE STRESS AND CELLULAR VIABILITY IN SACCHAROMYCES CEREVISIAE*

Author: Cristina Stahi

Scientific adviser: Cristina Ciobanu, PhD PhSc, Associate Professor, Department of Pharmaceutical Technology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

6. *OPPORTUNITIES FOR CLINICAL PHARMACIST INVOLVEMENT IN PERIOPERATIVE ANTIBIOTIC PROPHYLAXIS: MODERN RECOMMENDATIONS AND CLINICAL PRACTICE*

Author: Mihaela Bejenaru

Scientific adviser: Corina Scutari, MD, PhD MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

7. *SHORT LYSINE-CONTAINING TRIPEPTIDE AS ANALGESIC SUBSTANCE*

Author: Nadezhda Boychenko; **Co-author:** Arina Kalinina

Scientific adviser: Prof. Dr. Boris V. Krylov

8. *EVALUATION OF THE PHYSICOCHEMICAL AND BIOPHARMACEUTICAL PROPERTIES OF INDOCYANINE GREEN*

Author: Daniela Munteanu

Scientific adviser: Livia Uncu, Dr. Hab. PhSc, Associate Professor, Department of Pharmaceutical and Toxicological Chemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

9. *QUANTITATIVE DETERMINATION OF IRIDOIDS IN SPECIES OF THE GENUS GALIUM*

Author: Daniela Golban; **Co-authors:** Angelica Ohindovschi, Andreea Lupitu

Scientific adviser: Maria Cojocaru-Toma, PhD PhSc, Associate Professor, Department of pharmacognosy and pharmaceutical botany, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

10. *ASSESSMENT OF POTENTIAL DRUG-DRUG INTERACTIONS IN PATIENTS RECEIVING ANTIRETROVIRAL THERAPY*

Author: Daniela Ciobanu

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Scientific adviser: Corina Scutari, MD, PhD MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

11. SPECTROPHOTOMETRIC DETERMINATION OF CHONDROITIN SULFATE IN TABLETS COMBINED WITH GLUCOSAMINE

Author: Paola-Daniela Tomşa

Scientific adviser: Livia Uncu, Dr. Hab. PhSc, Associate Professor, Department of Pharmaceutical and Toxicological Chemistry, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

12. IN VITRO CULTURES OF PROMISING MEDICINAL PLANTS AT THE LABORATORY OF PLANT BIOTECHNOLOGY

Author: Cornelia Fursenco; **Co-authors:** Angelica Ohindovschi, Tatiana Calalb, Iulia Bozbei

Scientific adviser: Tatiana Calalb, Dr. Hab. BSc, Professor, Head of the Department of Pharmacognosy and Pharmaceutical Botany, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

13. ETHICAL AND LEGAL ASPECTS OF PRESCRIBING "OFF-LABEL" MEDICINES

Author: Igor Merciuari; **Co-author:** Svetlana Şcetinina

Scientific adviser: Valentina Buliga, PhD PhSc, Associate Professor, *Vasile Procopişin* Department of Social Pharmacy, Master of Public Administration, Social Expert, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

14. THE ROLE OF THE PHARMACIST IN IDENTIFYING AND MANAGING ADVERSE EFFECTS OF ANTIDEPRESSANT THERAPY

Author: Vladimir Eleni

Scientific adviser: Corina Scutari, MD, PhD MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

15. THE ROLE OF THE CLINICAL PHARMACIST IN THE EVALUATION AND OPTIMIZATION OF ANTICOAGULANT THERAPY IN THE PERIOPERATIVE DENTAL PATIENT

Author: Igor Grinchevici; **Co-author:** Erika Vaida

Scientific adviser: Corina Scutari, MD, PhD MSc, Associate Professor, Head of Department of Pharmacology and Clinical Pharmacy, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

XXI. PHYSIOLOGY AND PATHOLOGY

Chairman: Lozovanu Svetlana, MD, PhD MSc, Associate Professor

Members: Vovc Victor, Dr. hab. MSc, Professor

Cobet Valeriu, Dr. hab. MSc, Professor

Lupuşor Adrian, MD, PhD MSc, Assistant Professor

Secretary: Creţu Laurenţia

1. *THE INFLUENCE OF OBSTRUCTIVE SLEEP APNEA SYNDROME ON CARDIAC ARRHYTHMIAS*

Author: Valeria Popa

Scientific adviser: Adrian Lupușor, PhD, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

2. *SLEEP HORMONES: MECHANISMS AND METABOLIC EFFECTS*

Author: Daniela Josu; **Co-authors:** Daniela Neamțu, Patricia Catînsus, Călin-Ilie Gulica

Scientific adviser: Adrian Lupușor, PhD, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. *A SILENT ONSET, AGGRESSIVE COURSE: PEDIATRIC DESMOPLASTIC SMALL ROUND CELL TUMOR*

Author: Dumitrel Băiceanu

Scientific adviser: Elena Cojocaru, Professor, MD, PhD, Department of Morphofunctional Sciences I-Pathology, Faculty of Medicine, *Grigore T. Popa* University of Medicine and Pharmacy, Iasi, Romania

4. *ADENOMYOSIS: MORPHOPATHOLOGICAL MECHANISMS INVOLVED IN INFERTILITY AND IMPLANTATION FAILURE*

Author: Laurenția Crețu

Scientific adviser: Aliona Nicorici, PhD, Assistant Professor, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. *EARLY BIOMARKERS OF NEURODEGENERATIVE DISEASES*

Author: Daria Gherasimov

Scientific adviser: Valeriu Cobeț, Dr. hab. MSc, Professor, Department of Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. *EPILEPSY: PATHOPHYSIOLOGICAL BACKGROUND*

Author: Daniil Bordian

Scientific adviser: Valeriu Cobeț, Dr. hab. MSc, Professor, Department of Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. *SYMPATHETIC OVERACTIVITY AS A FOCAL POINT IN THE PATHOGENESIS OF POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME – EMERGING THERAPEUTIC STRATEGIES OF NEUROMODULATION*

Author: Alexandru Adam

Scientific adviser: Felicia Ostap, MD, Assistant Professor, Department of Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. FERROPTOSIS-MOLECULAR MECHANISMS AND THERAPEUTIC IMPLICATIONS IN HUMAN DISEASE

Author: Elena Guzun; **Co-author:** Mihaela Pușcaș-Melnic

Scientific adviser: Lilia Tacu, MD, Associate Professor, Department of Pathophysiology and Clinical Pathophysiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. PD-L2 TUMOR BIOMARKER IN SEROUS OVARIAN CARCINOMA

Author: Tatiana Mărițoi; **Co-author:** Valeria Pinzaru, Valeriu David

Scientific adviser: Lilian Șaptefrați, Dr. hab. MSc, Professor, Head of Department of Histology, Cytology and Embryology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. NEUROPHYSIOLOGICAL MECHANISMS OF SLEEP AND THE ROLE OF MELATONIN IN SUSTAINING BODY HOMEOSTASIS

Author: Daniela Neamțu; **Co-authors:** Daniela Josu, Patricia Catînsus, Călin-Ilie Gulica

Scientific adviser: Adrian Lupușor, PhD, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. DOPAMINERGIC MODULATION OF ATTENTION FRAGMENTATION IN HIGH DIGITAL MEDIA EXPOSURE

Author: Dreyah Candice Dympep

Scientific adviser: Evelina I. Gherghelegiu, MD, PhD MSc, Director Department of International Affairs and European Integration, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. RETINAL PROTEIN AGGREGATION AS A POTENTIAL BIOMARKER FOR NEURODEGENERATIVE DISEASES

Author: Mihaela Mițco

Scientific adviser: Mădălina Cebuc, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. PATHOPHYSIOLOGICAL MECHANISMS LINKING CHRONIC STRESS TO CENTRAL AUTONOMIC NETWORK DYSFUNCTION: A NARRATIVE REVIEW

Author: Lina Ben Fraj

Scientific adviser: Mădălina Cebuc, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. ARTIFICIAL INTELLIGENCE IN MODELING PATHOPHYSIOLOGICAL MECHANISMS OF NEURODEGENERATIVE DISEASES FOR PREDICTIVE MEDICINE

Author: Richa Kumari

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Scientific adviser: Alexandra Toncoglaz, Assistant Professor, Department of Pathophysiology and Clinical Pathophysiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. MOLECULAR INTERACTION BETWEEN STIMI AND HCN4 CHANNELS: A NOVEL MECHANISM OF CARDIAC AUTOMATICITY

Author: Corina Croitoru

Scientific adviser: Eugeniu Corețchi, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. CHRONOTHERAPY: TIMING DRUG DELIVERY TO PEAK GLYMPHATIC ACTIVITY

Author: Ruth Mariyam Roy

Scientific adviser: Adrian Lupușor, PhD, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. OBSTRUCTIVE SLEEP APNEA DURING PREGNANCY

Author: Ncir Donia Houcine

Scientific adviser: Adrian Lupușor, PhD, Assistant Professor, Department of Medical Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. THE IMPORTANCE OF ADAPTATION MECHANISMS TO AEROBIC EXERCISE IN THE PREVENTION OF CARDIOVASCULAR DISEASES

Author: David Davtean

Scientific adviser: Aliona Dobrovolskaia, PhD, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. HEADACHE CONNECTED WITH OBSTRUCTIVE SLEEP APNEA SYNDROME

Author: Nicolae Chiseli

Scientific adviser: Adrian Lupușor, PhD, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. NEUROPLASTICITY AND THE ROLE OF OXYTOCIN: MECHANISMS OF ACTION AND PHYSIOLOGICAL IMPLICATIONS

Author: Ecaterina Panasiuc

Scientific adviser: Aliona Dobrovolskaia, MD, PhD, Assistant Professor, The Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. PHYSIOPATHOLOGICAL CORRELATIONS BETWEEN NEURODEGENERATION AND BEHAVIORAL DISORDERS DURING REM SLEEP. SCREENING METHODS

Author: Maria-Renata Cojocaru

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22. THE IMPACT OF HEART RATE VARIABILITY ON ACADEMIC BURNOUT IN UNDERGRADUATE MEDICAL STUDENTS

Author: Alexandr Gaitur; **Co-author:** Nikoletta Mrug

Scientific adviser: Svetlana Lozovanu, MD, PhD MSc, Associate Professor, Head of Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. THE WHITENING OF BROWN ADIPOSE TISSUE: FROM PHYSIOLOGICAL PATHWAYS TO METABOLIC CONSEQUENCES

Author: Eleonora Rotaru; **Co-authors:** Evelina Răcilă, Mihaela-Andreea Dreglea

Scientific adviser: Eugeniu Corețchi, Assistant Professor, Department of Physiology and Medical Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. DISRUPTED ENDOTHELIAL PHYSIOLOGY AND PLATELET ADHESION MECHANISMS IN EARLY-ONSET GIANT AORTIC ANEURYSM IN A 6-YEAR-OLD CHILD

Author: Rita Migalcean

Scientific adviser: Veronica Eșanu, PhD, Associate Professor, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

25. HPA AXIS DYSREGULATION IN CHRONIC INSOMNIA: NEUROENDOCRINE MECHANISMS AND SLEEP DISTURBANCES

Author: Gabriela Izvorean

Scientific adviser: Mădălina Cebuc, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. SLEEP DEPRIVATION AND THE PERPETUATION OF CHRONIC INSOMNIA: NEUROENDOCRINE AND HOMEOSTATIC MECHANISMS — A NARRATIVE REVIEW

Author: Cristian Trofimov

Scientific adviser: Mădălina Cebuc, Assistant Professor, Department of Medical Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

27. ANALYSIS OF THE CORRELATION BETWEEN CIRCADIAN RHYTHM DISRUPTION AND GLIOBLASTOMA PATHOGENESIS: PROGNOSTIC IMPLICATIONS AND CHRONOTHERAPY STRATEGIES

Author: Mihai Suschevici **Co-authors:** Adrian Munteanu

Scientific adviser: Adrian Lupușor, PhD, Assistant Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

28. WHY CAFFEINE DISRUPTS SLEEP: MOLECULAR MECHANISMS AND GENETIC DETERMINANTS OF INDIVIDUAL SUSCEPTIBILITY

Author: Mihaela Batîr

Scientific adviser: Mădălina Cebuc, Assistant Professor, Department of Medical Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

29. DECODING THYROID PATHOPHYSIOLOGY THROUGH AI DIAGNOSTICS AND TARGETED ACUPUNCTURE

Author: Delia Minchevici; **Co-author:** Nadejda Negari

Scientific adviser: Alexandra Toncoglaz, Assistant Professor, Department of Pathophysiology and Clinical Pathophysiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

30. PATHOPHYSIOLOGICAL MECHANISMS OF ARRHYTHMOGENESIS IN OBESITY

Author: Gheorghe Borș; **Co-author:** Nicoleta Nicolenco

Scientific adviser: Eleonora Borș, MD, Associate Professor, Department of Pathophysiology and Clinical Pathophysiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

31. SLEEP ASSESSMENT METHODS

Author: Călin-Ilie Gulica; **Co-authors:** Lupușor Adrian, Neamțu Daniela, Josu Daniela

Scientific adviser: Victor Vovc, Dr. hab. MSc, Professor, Department of Human Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

32. CHRONOTYPE AND INSOMNIA: CIRCADIAN MECHANISMS UNDERLYING SLEEP TIMING AND SLEEP DISTURBANCE — A NARRATIVE REVIEW

Author: Cristina Oala

Scientific adviser: Mădălina Cebuc, Assistant Professor, Department of Medical Physiology and Biophysics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

33. VENTRICULAR REPOLARIZATION PROLONGATION SECONDARY TO SCN5A GAIN-OF-FUNCTION MUTATION: INCIDENTAL DETECTION AND PHYSIOLOGICAL CONSIDERATIONS IN A PEDIATRIC CASE

Author: Andreea Cainareanu

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XXII. PNEUMOLOGY, ALLERGOLOGY AND IMMUNOLOGY

Chairman: Corlăteanu Alexandru, Dr. hab. MSc, professor

Members: Chesov Dumitru, Dr. hab. MSc, associate professor

Calaraș Diana, PhD MSc, associate professor

Toma Cristina, PhD MSc, associate professor

Secretary: Celac Ana-Sofia

1. PERSONALIZED SMOKING CESSATION STRATEGIES FOR ADOLESCENT IN THE ERA OF ENDS

Author: Tatiana Saracuța; **Co-author:** Maria Garabajiu

Scientific adviser: Garabajiu Maria, Assistant Professor, Department of Family Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. FROM SUPPRESSION TO TOLERANCE: THE IMPACT OF REGULATORY T CELLS ON AUTOIMMUNE DISEASE TREATMENT

Author: Malú Neima

Scientific adviser: Sârbu Oxana, MD, PhD MSc, Associate Professor, Head of Discipline of Internal Medicine-Semiology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chișinău, Republic of Moldova

3. TRAINED IMMUNITY - EPIGENETIC AND METABOLIC REPROGRAMMING OF INNATE IMMUNITY

Author: Ana Crijevițchi

Scientific adviser: Lucia Andrieș, Dr. hab. MSc, Professor, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. HIDDEN RISK IN HONEYBEE VENOM ALLERGY: DECODING API M 10 SENSITIZATION AND ITS CLINICAL IMPLICATIONS

Author: Victoria Ciobanu

Scientific adviser: Nicolae Chele, Dr. Hab. MSc, Professor, Head of the Arsenie Gutan Department of Oral-Maxillofacial Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. SENSITIZATION TO PROFILINS IN PATIENTS WITH ALLERGIC PATHOLOGIES IN THE REPUBLIC OF MOLDOVA

Author: Andreea Drumea

Scientific adviser: Victoria Brocovschii, MD, PhD MSc, Associate Professor, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. ROLE OF AI IN FOOD ALLERGY AND POLLEN FOOD ALLERGY SYNDROME DIAGNOSIS

Author: Devanandana Vinod Nair

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Scientific adviser: Cristina Toma, MD, PhD MSc, Associate Professor, Department of Pulmonology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

7. PET ALLERGY - SOMETIMES A FRIEND BECOMES A HEALTH PROBLEM

Author: Mihaela-Andreea Dreglea; **Co-author:** Ana Butucel

Scientific adviser: Victoria Brocovschii, MD, PhD MSc, Associate Professor, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. HIDDEN RISK IN HONEYBEE VENOM ALLERGY: DECODING API M 10 SENSITIZATION AND ITS CLINICAL IMPLICATIONS

Author: Ana Butucel; **Co-authors:** Brocovschii Victoria

Scientific adviser: Victoria Brocovschii, MD, PhD MSc, Associate Professor, Discipline of Pneumology and Allergology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. COMORBIDITIES AMONG PATIENTS WITH PULMONARY THROMBOEMBOLISM

Author: Vanesa Grecu

Scientific adviser: Cornelia Talmaci, MD, PhD MSc, Associate Professor, Discipline of Clinical Synthesis, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. ADVANCED CYSTIC FIBROSIS COMPLICATED BY MULTIDRUG-RESISTANT PULMONARY INFECTIONS AND SEVERE RESPIRATORY FAILURE

Author: Natalia Tincul; **Co-author:** Cristian Pînzaru

Scientific adviser: Alexandru Corlăteanu, Dr. hab. MSc, Professor, Head of Discipline Pneumology and Allergology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. THE DILEMMA OF DIFFUSE PULMONARY DISEASE: THE OBVIOUS DIAGNOSIS IS NOT ALWAYS THE CORRECT ONE

Author: Cristina Ciobanu; **Co-authors:** Eugenia Capmoale, Daniel Roznerița

Scientific adviser: Alexandru Corlăteanu, Dr. hab. MSc, Professor, Head of Discipline Pneumology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. PULSELESS DISEASE ASSOCIATED WITH SEVERE REGENERATIVE ANEMIA AND PYODERMA GANGRENOSUM

Author: Cătălina Bandalac

Scientific adviser: Cristina Toma, MD, PhD MSc, Associate Professor, Discipline Pneumology and Allergology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. THE ROLE OF INFLAMMATORY BIOMARKERS IN ASSESSING THE SEVERITY OF OBSTRUCTIVE SLEEP APNEA SYNDROME

Author: Vladislav Vinogradov

Scientific adviser: Corlăteanu Alexandru, Dr. hab. MSc, Professor, Head of Discipline Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. CORRELATION BETWEEN CLINICAL SCORES, APNEA-HYPOPNEA INDEX, AND QUALITY OF LIFE IN OSA: A MULTIDIMENSIONAL APPROACH

Author: Ecaterina Sanduța

Scientific adviser: Corlăteanu Alexandru, Dr. hab. MSc, Professor, Head of Discipline, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

15. BETWEEN PULMONARY NEOPLASM AND ENIGMATIC FOREIGN-BODY ASPIRATION

Author: Dina Pleșca; **Co-author:** Anatolie Scarlat

Scientific adviser: Dumitru Chesov, Dr. hab. MSc, Associate Professor, Discipline of Pneumology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

16. BEYOND THE SKIN RASH: ORGANIZING PNEUMONIA SUSPECTED AFTER HERPES ZOSTER REACTIVATION

Author: Olga Sorocan; **Co-authors:** Cristina Toma, Eugenia Scutaru, Ecaterina Iavrumov

Scientific adviser: Alexandru Corlăteanu, Dr. hab. MSc, Professor, Head of Discipline of Pneumology and Allergology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. CLOSTRIDIUM DIFFICILE INFECTION DURING ANTI-TUBERCULOSIS THERAPY: CLINICAL CHARACTERISTICS AND TREATMENT IMPACT IN A TUBERCULOSIS REFERRAL CENTER

Author: Iuliana Ignat

Scientific adviser: Dumitru Chesov, Dr. hab. MSc, Associate Professor, Department of Pulmonology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. EVALUATION OF THE CURB(S)-65 SCORE IN PREDICTING MORTALITY RATE IN PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA

Author: Cristina Creciun

Scientific adviser: Cristina Toma, MD, PhD MSc, Associate Professor, Department of Pulmonology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. RELATIONSHIP BETWEEN BIOMARKERS NLR, AISI, SII AND SEVERITY OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE

Author: Daniela Vlad; **Co-author:** Alexandru Corlăteanu

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Scientific adviser: Alexandru Corlăteanu, Dr. hab. MSc, Professor, Head of Discipline of Respiratory Medicine and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. CLINICAL FEATURES OF PULMONARY TUBERCULOSIS IN PATIENTS WITH GASTROINTESTINAL DISEASES

Author: Loridana Lemni

Scientific adviser: Stela Kulcițkaia, PhD MSc, Associate Professor, Department of Pneumology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. CHARACTERISTICS OF TUBERCULOUS PLEURISY

Author: Anastasia Gaina-Mazurean

Scientific adviser: Stela Kulcițkaia, MD, PhD MSc, Associate Professor, Discipline of Pneumology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. CORRELATION BETWEEN MYCOBACTERIUM TUBERCULOSIS GENOTYPE AND IMMUNOLOGICAL STATUS IN PATIENTS WITH TB-HIV COINFECTION

Author: Dan Cristian Fanari

Scientific adviser: Dumitru Chesov, PhD MSc, Associate Professor, Discipline of Pneumology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. THE CLINICAL EFFECTIVENESS OF MOBILE-BASED PULMONARY REHABILITATION FOR PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

Author: Diana Poparcea

Scientific adviser: Alexandru Corlateanu, Dr. hab. MSc, Professor, Head Department of Respiratory Medicine and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. SLEEP APNEA AND ONCOLOGIC RISK: CORRELATIONS AND CLINICAL PERSPECTIVES

Author: Cristian Turculeț

Scientific adviser: Corlăteanu Alexandru, Dr. hab. MSc, Professor, Head of the Discipline of Pneumology and Allergology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

25. ALLERGIC CONTACT DERMATITIS CAUSED BY 2-HYDROXYETHYL METHACRYLATE IN A NAIL TECHNICIAN

Author: Valentina Uzun

Scientific adviser: Victoria Brocovschii, MD, PhD MSc, Associate Professor, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

26. LOCAL ALLERGIC RHINITIS—CLINICAL FEATURES, IMMUNOLOGICAL MECHANISMS, AND DIAGNOSTIC CHALLENGES

Author: Regina Falenciuc

Scientific adviser: Cristina Toma, MD, PhD MSc, Associate Professor, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

27. THE SILENT TRIGGER: ACEI-INDUCED ANGIOEDEMA

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Scientific adviser: Brocovschii Victoria, MD, PhD MSc, Associate Professor, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

28. EVIDENCE-BASED SCREENING STRATEGIES FOR ACTIVE TUBERCULOSIS IN THE PAEDIATRIC POPULATION

Author: Lakshmipathi Mamatha Tanushree

Scientific adviser: Adriana Niguleanu, MD, PHD, Assistant Professor, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

29. PROFILIN SENSITIVITY AND HETEROGENEOUS CLINICAL EXPRESSION

Author: Angela Untila

Scientific adviser: Victoria Brocovschii, MD, PhD MSc, Associate Professor, Pneumology and Allergology Discipline, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

30. „SEEK AND YOU SHALL FIND”: FROM HYPERTENSION TO A NEAR-OBSTRUCTIVE SIGMOID LESION

Author: Anastasia Balta; **Co-authors:** Laurentiu Sorodoc, Alexandr Ceasovschih

Scientific adviser: Dr. Victorita Sorodoc, Associate Professor, Division of Internal Medicine and Toxicology, Medical Department III, *Grigore T. Popa* University of Medicine and Pharmacy, Iasi, Romania

31. RECURRENT GASTROINTESTINAL HEMORRHAGE FOLLOWING AORTIC VALVE REPLACEMENT IN HEYDE’S SYNDROME

Author: Denisa-Cristiana Stoian; **Co-author:** Anastasia Balta, Victorița Șorodoc, Laurențiu Șorodoc

Scientific adviser: Alexandr Ceasovschih, MD, PhD, Assistant Professor, *Grigore T. Popa* University of Medicine and Pharmacy, Romania

32. THE MENTAL FOG: A CLINICAL ENIGMA LEADING TO A SURPRISING DISCOVERY

Author: Amelia-Gabriela Filip.; **Co-author:** Mihai Constantin, Victorita Sorodoc, Laurentiu Sorodoc.

Scientific adviser: Alexandr Ceasovschih, MD, PhD, Assistant Professor, *Grigore T. Popa* University of Medicine and Pharmacy, Romania

33. SYSTEMIC LUPUS AT 93: THE OLDEST DOCUMENTED ONSET PRESENTING WITH POLYSEROSITIS

Author: Muwahib Mohammed Yusuf

Scientific adviser: Alexandr Ceasovschih, MD, PhD MSc, Assistant Professor, *Grigore T. Popa* University of Medicine and Pharmacy, Iasi, Romania

XXIII. PUBLIC HEALTH

Chairman: Cebanu Serghei, Dr. hab. MSc, associate professor

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1. PARTICULARITIES OF FALL-RELATED INJURIES IN THE LIVING ENVIRONMENT AMONG INDIVIDUALS AGED 65 YEARS AND OVER

Author: Dumitru Cartaleanu; **Co-authors:** Svetlana Cociu, Maxim Morari

Scientific adviser: Serghei Cebanu, Dr. hab. MSc, Associate Professor, Head of Hygiene Discipline, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. ASSOCIATION BETWEEN SOCIODEMOGRAPHIC FACTORS AND CHILD ABANDONMENT: MATERNAL AGE, MARITAL STATUS AND AREA OF ORIGIN – A 2025 RETROSPECTIVE COHORT STUDY

Author: Daniela Vizitiu

Scientific adviser: Galina Buta, MD, PhD MSc, Associate Professor, Department of Family Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

3. EPIDEMIOLOGICAL DIFFERENCES IN URINARY BLADDER CANCER BETWEEN INDIA AND MOLDOVA: A DESCRIPTIVE OBSERVATIONAL STUDY

Author: Sreelatha Ganga Kuttan

Scientific adviser: Andrei Oprei, Associate Professor, Department of Urology and Surgical Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova.

4. INFECTIOUS COMPLICATIONS AFTER COSMETIC AND PLASTIC SURGERY: A SYSTEMATIC REVIEW OF RISK FACTORS AND CLINICAL OUTCOMES

Author: Alexandr Parascan

Scientific adviser: Luminița Guțu, PhD MSc, Associate Professor, Department of preventive Medicine, Discipline of Epidemiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova.

5. POST-PANDEMIC EPIDEMIOLOGY OF PERTUSSIS AND THE IMPORTANCE OF VACCINATION IN DISEASE CONTROL

Author: Marin Șarban

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Scientific adviser: Diana Spataru, MD, PhD MSc, Assistant Professor, Discipline of Epidemiology, Department of Preventive Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Moldova

6. HEALTHCARE-ASSOCIATED INFECTIONS IN CANCER PATIENTS

Author: Olga Cara

Scientific adviser: Angela Paraschiv, Dr. hab. MSc, Associate Professor, Head of Discipline of Epidemiology, Department of Preventive Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

7. WORLDWIDE EPIDEMIOLOGY OF LEPTOSPIROSIS

Author: Niveditha Haneesh

Scientific adviser: Ion Berdeu, PhD, Associated professor, epidemiology discipline, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. ARTIFICIAL INTELLIGENCE IN PREDICTING GESTATIONAL DIABETES MELLITUS BASED ON MATERNAL NUTRITIONAL FACTORS: A LITERATURE REVIEW

Author: Irina Curoșu

Scientific adviser: Aliona Serbulenco, MD, PhD, Associate Professor, Discipline of Hygiene, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic

9. WHOLE-GENOME SEQUENCING FOR DETECTION OF ANTIMICROBIAL RESISTANCE IN NEISSERIA GONORRHOEAE: A SYSTEMATIC REVIEW

Author: Sam Adwin; **Co-author:** Fathima Nizamudeen

Scientific adviser: Emilia Behta, Assistant Professor, Department of Microbiology and Immunology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XXIV. RHEUMATOLOGY AND NEPHROLOGY

Chairman: Liliana Groppa, Dr. hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova,

Members: Rotaru Larisa, Dr. hab. MSc, Associate Professor
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Chișlari Lia, PhD MSc, Associate Professor

Secretary: Trofimov Daniela

1. THE ROLE OF TELEMEDICINE IN IMPROVING CHRONIC KIDNEY DISEASE MANAGEMENT

Author: Unni Aparna

Scientific adviser: Dorian Sasu, MD, PhD MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. ***CAR-T THERAPY IN AUTOIMMUNE RHEUMATIC DISEASES: A LITERATURE REVIEW***

Author: Naveenkishan Alagan Elamurugan

Scientific adviser: Daniela Cepoi, PhD MSc, University Assistant, Department of Internal Medicine Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

3. ***CARDIOVASCULAR COMORBIDITIES IN PATIENTS WITH GOUT***

Author: Ion Varanița

Scientific adviser: Rotaru Larisa, Dr. hab. MSc, Associate Professor, Department of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. ***COMORBIDITIES IN OSTEOARTHRITIS***

Author: Tatiana Beschier

Scientific adviser: Daniela Cepoi, PhD, Assistant Professor, Department of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. ***MINERAL AND BONE DISORDERS IN CHRONIC KIDNEY DISEASE***

Author: Carina Ciobanu

Scientific adviser: Larisa Rotaru, Dr. hab. MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. ***DEMOGRAPHIC PROFILE OF PATIENTS HOSPITALIZED WITH HYPERTENSIVE NEPHROPATHY: A RETROSPECTIVE ANALYSIS***

Author: Adelia Bulicanu; **Co-authors:** Liliana Groppa, Boris Sasu, Tatiana Răzlog

Scientific adviser: Rotaru Larisa, Dr. hab. MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. ***HISTOPATHOLOGICAL SPECTRUM OF RENAL BIOPSIES IN THE REPUBLIC OF MOLDOVA***

Author: Loredana Gaidarli; **Co-authors:** Biatricia Guțu, Tatiana Razlog, Pavel Banov

Scientific adviser: Liliana Groppa, Dr. hab. MSc, Professor, Corresponding Member of the Academy of Sciences of Moldova Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. ***GENETICALLY CONFIRMED AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE TYPE 1 (PKD1)***

Author: Biatricia Guțu; **Co-authors:** Boris Sasu, Liliana Groppa, Emil Ceban

Scientific adviser: Larisa Rotaru, Dr. hab. MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

9. METHOTREXATE-ASSOCIATED CRYSTALLURIA AND NEPHROPATHY

Author: Sundareshwarar Elumalai

Scientific adviser: Dorian Sasu, MD, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. THERAPEUTIC MANAGEMENT OF AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE ACCORDING TO THE KDIGO 2025 GUIDELINE

Author: Alisa Celac; **Co-author:** Biatricia Guțu

Scientific adviser: Boris Sasu, MD, PhD MSc, Associate Professor, Department of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. URINE MICROSCOPY – AN IMPORTANT DIAGNOSTIC TOOL IN NEPHROLOGY

Author: Nazeer Anfal

Scientific adviser: Dorian Sasu, MD, PhD MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. ACUTE KIDNEY INJURY INDUCED BY TUMOR LYSIS SYNDROME

Author: Alina Guțu; **Co-author:** Biatricia Guțu

Scientific adviser: Boris Sasu, MD, PhD MSc, Associate Professor, Department of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

13. PREVENTION OF POSTOPERATIVE ACUTE KIDNEY INJURY

Author: Abiya Samuel

Scientific adviser: Dorian Sasu, MD, PhD MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. KIDNEY DAMAGE IN PATIENTS WITH TYPE 2 DIABETES MELLITUS

Author: Felicia Cereteu

Scientific adviser: Larisa Rotaru, Dr. hab. MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

15. AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE: CLINICAL, IMAGING, AND FUNCTIONAL PROFILE OF A HOSPITALIZED COHORT AT THE “TIMOFEI MOȘNEAGA” REPUBLICAN CLINICAL HOSPITAL

Author: Nicoleta Enache; **Co-authors:** Valeriu Herța, Dorian Sasu, Biatricia Guțu

Scientific adviser: Larisa Rotaru, Dr. hab. MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

16. *PSYCHOLOGICAL ASSESSMENT IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE ON HAEMODIALYSIS: A NARRATIVE REVIEW*

Author: Alina Burea; **Co-author:** Biatricia Guțu, Dorian Sasu

Scientific adviser: Larisa Rotaru, Dr. hab. MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. *TOCILIZUMAB IN REFRACTORY SEROPOSITIVE RHEUMATOID ARTHRITIS WITH LUNG CAVITIES MIMICKING TUBERCULOSIS: A CASE REPORT*

Author: Iana Stratila

Scientific adviser: Svetlana Agachi, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. *IMMUNOLOGICAL BIOMARKERS IN ANTIPHOSPHOLIPID SYNDROME: PERSPECTIVES OFFERED BY OMICS TECHNOLOGIES FOR DIAGNOSIS AND RISK STRATIFICATION*

Author: Marius Paduraru

Scientific adviser: Rotaru Larisa, Dr. hab. MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. *IMMUNOSUPPRESSIVE THERAPEUTIC STRATEGIES IN SYSTEMIC SCLERODERMA: REALITIES AND CHALLENGES IN THE REPUBLIC OF MOLDOVA*

Author: Maria Lungu; **Co-authors:** Svetlana Agachi, Liliana Groppa, Oxana Bujor

Scientific adviser: Svetlana Agachi, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

20. *ASSESSMENT OF THE RISK OF ADVERSE EFFECTS OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS AND MANAGEMENT OF PATIENTS WITH OSTEOARTHRITIS IN THE PRESENCE OF CERTAIN CONTRAINDICATIONS*

Author: Asma Asharaf

Scientific adviser: Serghei Popa, PhD MSc, Associate Professor, Department of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

21. *THE GUT-JOINT AXIS IN RHEUMATIC DISEASES*

Author: Felicia Lungu

Scientific adviser: Daniela Cepoi, PhD MSc, University Assistant, Department of Internal Medicine Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

22. *CALCIUM PYROPHOSPHATE DEPOSITION DISEASE*

Author: Mohamed Aguir; **Co-author:** Liliana Groppa

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Scientific adviser: Larisa Rotaru, Dr. hab. MSc, Associate Professor, Discipline of Rheumatology and Nephrology, Department of Internal Medicine, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. CORRELATION BETWEEN CENTRAL SENSITIZATION AND DEPRESSIVE SYMPTOMS IN PATIENTS WITH OSTEOARTHRITIS

Author: Elena Pulucciu

Scientific adviser: Daniela Cepoi, PhD MSc, Assistant Professor, Department of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

24. ADULT-ONSET STILL'S DISEASE: A SIX-PATIENT CASE SERIES

Author: Mayinkatil veetil Kadeeja

Scientific adviser: Ala Pascari-Negrescu, PhD MSc, Associate Professor, Department of Internal Medicine Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

25. VITAMIN D DEFICIENCY AND SYSTEMIC MANIFESTATIONS IN SJÖGREN'S DISEASE

Author: Krishnasamy Sanjaykumar

Scientific adviser: Daniela Cepoi, PhD MSc, University Assistant, Department of Internal Medicine Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. INTESTINAL MICROBIOME IN ANKYLOSING SPONDYLITIS

Author: Dana Cebotari

Scientific adviser: Lia Chişlari, MD, PhD MSc, Associate Professor, Department of Internal Medicine Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

27. METHOTREXATE: THE CURRENT PLACE AMONG ANTIRHEUMATIC THERAPIES

Author: Anna Dimitrova

Scientific adviser: Svetlana Agachi, MD, PhD MSc, Associate Professor, Department of Rheumatology and Nephrology, Faculty of Medicine No.1, *Nicolae Testemitanu* University of Medicine and Pharmacy, Chişinău, Republic of Moldova

28. COMPLEX COMPLICATIONS IN MALE WITH SYSTEMIC LUPUS ERYTHEMATOSUS (SLE) AND ANTIPHOSPHOLIPID SYNDROME (APS)

Author: Eya Shili

Scientific adviser: Ala Pascari Negrescu, PhD MSc, Professor, Rheumatology and nephrology discipline, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

29. RISK FACTORS IN THE DEVELOPMENT OF OSTEOARTHROSIS

Author: Doina Mardari

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Scientific adviser: Daniela Cepoi, PhD MSc, Assistant Professor, Department of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

30. THE COURSE OF GOUTY NEPHROPATHY IN MEN

Author: Victoria Pasecinic; **Co-authors:** Larisa Rotaru, Cornelia Cornea

Scientific adviser: Boris Sasu, PhD MSc, Associate Professor, Discipline of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

31. RENAL FUNCTION AND ITS CLINICAL CORRELATES IN PATIENTS WITH RHEUMATOID ARTHRITIS

Author: Herța Valeriu

Scientific adviser: Elena Deseatnicova, PhD MSc, Associate Professor, Department of Rheumatology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XXV. SURGERY

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Casian Dumitru, Dr. hab. MSc, professor

Culiuc Vasile, PhD MSc, associate professor

Secretary: Teodora Buzut, Alexandru Vîzdoagă

1. CURRENT ASPECTS IN THE DIAGNOSIS AND TREATMENT OF MIRIZZI SYNDROME

Author: Ivan Cucu

Scientific adviser: Alexandru Ferdohleb, Dr. hab. MSc, Associate Professor, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

2. MULTI STAGED MANAGEMENT OF SURGICAL COMPLICATIONS IN A BARIATRIC PATIENT-WEIGHING CORRECTIVE AND PROPHYLACTIC OPTIONS

Author: Cosmin-Ștefan Velnic; **Co-authors:** Nicolae-Florin Iftimie, Oana-Georgiana Briceanu, Alisa Huc

Scientific adviser: Safiya Al-Masrouri, MD, BSc, College of Medicine and Health Sciences - Sultan Qaboos University Hospital - Oman

3. OPPORTUNITIES IN THE TREATMENT OF ACUTE LITHIAZIC CHOLECYSTITIS IN THE ELDERLY, THE ROLE OF ARTIFICIAL INTELLIGENCE IN MANAGEMENT

Author: Ana Goreacii; **Co-author:** Liuba Strelțov

Scientific adviser: Alin Bour, Dr. hab. MSc, Professor, Head of Department of Surgery No. 5, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. HEMOPERITONEUM CAUSED BY PERFORATED SIGMOID COLON DIVERTICULUM: A RARE SURGICAL EMERGENCY

Author: Dmitrii Bejenari

Scientific adviser: Alexandru Iliadi, MD, PhD MSc, Associate Professor, Surgery Department No.1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. ACUTE MESENTERIC ISCHEMIA: A RETROSPECTIVE COHORT STUDY OF DIAGNOSTIC CHALLENGES, THERAPEUTIC STRATEGIES, AND FACTORS ASSOCIATED WITH MORTALITY

Author: Dragoş Bulat; **Co-author:** Sergiu Pisarenco, Gheorghe Lupu, Radu Vasiliev

Scientific adviser: Sergiu Pisarenco, MD, PhD MSc, Associate Professor, Department of Surgery No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. XANTHOGRANULOMATOUS CHOLECYSTITIS: DIAGNOSTIC CHALLENGES AND THE EMERGING ROLE OF ARTIFICIAL INTELLIGENCE

Author: Anushka Ganesh

Scientific adviser: Elina Şor, MD, PhD MSc, Associate Professor, Department of Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. MEDICAL-SURGICAL TACTICS IN THE TREATMENT OF PANCREATIC PSEUDOCYST.

Author: Mihail Pirtac

Scientific adviser: Sergiu Berliba, MD, PhD MSc, Associate Professor, Department of General Surgery “Nicolae Anestiadi”, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

8. 263.TRENDS IN SURGICAL TREATMENT OF A BLEEDING PEPTIC ULCER

Author: Elena Mărgineanu; **Co-author:** Tatiana Malcova

Scientific adviser: Elina Şor, MD, PhD MSc, Associate Professor, Surgery Department No.1, *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

9. MANAGEMENT OF TRAUMA PATIENTS WITH HEPATIC INJURIES: EXPERIENCE OF A LEVEL III TRAUMA CENTER

Author: Raneem Shamasneh; **Co-author:** Tatiana Malcova

Scientific adviser: Radu Gurghis, MD, PhD MSc, Associate Professor, Department of General Surgery “Nicolae Anestiadi”, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. NEGATIVE PRESSURE WOUND THERAPY ON CLOSED SURGICAL INCISIONS

Author: Teodora Buzut

Scientific adviser: Elina Şor, MD, PhD MSc, Associate Professor, Department of General Surgery “Nicolae Anestiadi”, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. CURATIVE CONDUCT IN ACUTE LACTOGEN MASTITIS

Author: Evelina Talpa

Scientific adviser: Marcel Sochirca, MD, PhD MSc, Associate Professor, Department of General Surgery “Nicolae Anestiadi”, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

12. CLINICAL OUTCOMES AND PROSPECTIVE RECOVERY IN SINGLE-PORT VERSUS CONVENTIONAL LAPAROSCOPIC CHOLECYSTECTOMY: A SYSTEMATIC REVIEW

Author: Maria-Izabela Voicu

Scientific adviser: Mircea Hogeia, MD, Assistant Professor, Head of Proctology Department, Transilvania University of Brasov, Faculty of Medicine, Brasov, Romania

13. SIGMOID VOLVULUS: SEROLOGICAL MARKERS AS INDICATORS OF ISCHEMIA AND OUTCOME OF SURGICAL MANAGEMENT

Author: Daniel Memet

Scientific adviser: Elena Pleşco, MD, Department of Surgery No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

14. LIVER TRANSPLANT AND HEPATECTOMY

Author: Cristina-Valentina Lazăr

Scientific adviser: Mircea Hogeia, MD, Assistant Professor, Head of Proctology Department, Transilvania University of Brasov, Faculty of Medicine, Brasov, Romania

15. ROLE OF IMAGING METHODS AND ARTIFICIAL INTELLIGENCE IN GIANT POSTOPERATIVE HERNIA MANAGEMENT

Author: Venkitta Dilsha; **Co-author:** Liuba Streltov

Scientific adviser: Liuba Streltov, MD, PhD MSc, Department of General Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

16. ARTIFICIAL INTELLIGENCE IN BARIATRIC SURGERY

Author: Fathima Zabana

Scientific adviser: Elina Şor, MD, PhD MSc, Associate Professor, Department of Surgery, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

17. DECISION MAKING IN INTESTINAL ANASTOMOSIS: CHOICES, TECHNIQUES AND TRAPS

Author: Stanislav Liurca

Scientific adviser: Sergiu Pisarenco, MD, PhD MSc, Associate Professor, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

18. COMPREHENSIVE EVALUATION AND MANAGEMENT OF PATIENTS WITH PANCREATIC NEUROENDOCRINE TUMORS

Author: Radu Hucă **Co-authors:** Cernei Sava

Scientific adviser: Adrian Hotineanu, Dr. hab. MSc, Professor, Head of Surgery Department No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

19. A SMALL GLAND, A BIG IMPACT: THE CHALLENGE OF PARATHYROID ADENOMA

Author: Teodora-Diana Matei

Scientific adviser: Flavius Mocian, MD, Assistant Professor, Department of Surgery, University of Medicine, Pharmacy, Science and Technology of Targu Mures

20. DIAGNOSIS AND SURGICAL TREATMENT OF GASTROINTESTINAL STROMAL TUMORS

Author: Jose Neha Maliyil

Scientific adviser: Serghei Cumpătă, MD, Assistant Professor, Department of General Surgery „Nicolae Anestiadi”, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Municipal Clinical Hospital „Gheorghe Paladi”, Chisinau, Moldova

21. LACTATION PRESERVATION IN THE SURGICAL TREATMENT OF ACUTE LACTOGENIC MASTITIS: PREDICTORS OF LACTATION SUPPRESSION

Author: Loredana Burda; **Co-authors:** Serghei Cumpătă, Gheorghe Buruiană, Maximian Curoșu

Scientific adviser: Serghei Cumpătă, Assistant Professor, Department of General Surgery “Nicolae Anestiade”, State University of Medicine and Pharmacy *Nicolae Testemitanu* of the Republic of Moldova, Municipal Clinical Hospital „Gheorghe Paladi”, Chisinau, Moldova

22. RISK FACTORS IN STAGED ENDOSCOPIC–SURGICAL MANAGEMENT OF BENIGN OBSTRUCTIVE JAUNDICE

Author: Ion Cotoneț

Scientific adviser: Alexandru Ferdohleb, Dr. hab. MSc, Associate Professor, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

23. MODERN DIAGNOSIS OF PANCREATIC FISTULA.

Author: Vlad Popa

Scientific adviser: Anatol Cazac, MD, PhD MSc, Associate Professor, Department of Surgery No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

24. UTERINE TRANSPLANTATION – SURGICAL INNOVATION IN REPRODUCTIVE MEDICINE

Author: Marius Cârciumar

Scientific adviser: Mircea Hoge, MD, Assistant Professor, Head of Proctology Department, Transilvania University of Brasov, Faculty of Medicine, Brasov, Romania

25. SURGICAL REHABILITATION OF PATIENTS WITH TEMPORARY ILEOSTOMIES

Author: Liviu Caragia

Scientific adviser: Valentin Bendelic, MD, PhD MSc, Associate Professor, Surgery Department No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

26. POSTOPERATIVE COMPLICATIONS FOLLOWING SURGICAL INTERVENTIONS FOR BENIGN ANORECTAL PATHOLOGIES

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Author: Daniel Dolganiuc

Scientific adviser: Valentin Bendelic, MD, PhD MSc, Associate Professor, Surgery Department No. 2, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

27. PLEIOTROPIC MECHANISMS AND CARDIOVASCULAR EFFECTS OF GLP-1 RECEPTOR AGONISTS IN HEART FAILURE

Author: Alexandru Dănilă

Scientific adviser: Galina Spînosu, Assistant Professor, Department of Pharmacology and Clinical Pharmacology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

28. EARLY PRESENTATION OF PEUTZ-JEGHERS SYNDROME IN A 4-YEAR OLD PATIENT-MULTIDISCIPLINARY APPROACH OF A JEJUNAL POLYP INTUSSUSCEPTION

Author: Alisa Huc; **Co-authors:** Cosmin-Ştefan Velnic, Nicolae Florin Iftimie, Oana-Georgiana Briceanu

Scientific adviser: Dina Roşca-Al Namat, MD, PhD, Teaching Assistant, "Grigore T. Popa" University of Medicine and Pharmacy, Iaşi, Romania

29. A 14-YEAR-OLD FEMALE WITH COMPLEX ORTHOPEDIC AND CRANIOFACIAL TRAUMA FOLLOWING AN INTENTIONAL HIGH ALTITUDE FALL

Author: Alexander Karl Merker; **Co-authors:** Titus Ribaldo, Diana Blaga-Covrig

Scientific adviser: Derzsi Zoltan, MD, PhD, Lecturer, Department of Pediatric Surgery and Orthopedics, ME2, *George Emil Palade* University of Medicine, Pharmacy, Science and Technology, Târgu Mures, Romania

30. INTESTINAL MALROTATION AND THE MANAGEMENT OF LADD SYNDROME: A RETROSPECTIVE STUDY OF 52 PATIENTS

Author: Dragoş Imihteev; **Co-author:** Andrei Draganel

Scientific adviser: Alexandr Jalbă, MD, PhD MSc, Associate Professor, "Academician Natalia Gheorghiu" Department of Pediatric Surgery, Orthopedics and Anesthesiology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

31. CONGENITAL CHOLEDOCHAL CYST IN CHILDREN: SURGICAL APPROACH IN THE PREVENTION OF HEPATOBILIARY COMPLICATIONS

Author: Artur Sârghi

Scientific adviser: Gheorghe Gîncu, MD, PhD MSc, Dr. habil., Associate Professor, Department of Pediatric Surgery, Orthopedics and Anesthesiology "Natalia Gheorghiu", *Nicolae Testemitanu* State University of Medicine and Pharmacy of the Republic of Moldova

32. SURVIVAL AND CLINICAL SEVERITY PATTERNS IN EARLY- AND LATE-PRESENTING CONGENITAL DIAPHRAGMATIC HERNIA IN RESOURCE-LIMITED SETTINGS

Author: Akinola Anselm Olorunfemi

Scientific adviser: Dina Bujor, MD, Associate Professor, Department of Pediatrics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

33. CHRONIC LIMB-THREATENING ISCHEMIA - SURGICAL REVASCULARIZATION VS ENDOVASCULAR REVASCULARIZATION AS THERAPEUTIC OPTIONS

Author: Elena-Georgiana Pricop

Scientific adviser: Valentina Benza, MD, Department of Cardiology, Braşov County Emergency Clinical Hospital

34. NAVIGATING ANATOMICAL COMPLEXITY IN AORTOILIAC OCCLUSIVE DISEASE: A RETROSPECTIVE ANALYSIS

Author: Tabita Cioclea

Scientific adviser: Alexandru Iliadi, MD, PhD MSc, Associate Professor, Surgery Department No.1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

35. NUTRITIONAL DISORDERS IN PATIENTS WITH CHRONIC LIMB-THREATENING ISCHEMIA

Author: Alin Rusnac

Scientific adviser: Dumitru Casian, Dr. hab., Professor; Head of Department of General Surgery / Head of Vascular Surgery Clinic at *Nicolae Testemitanu* State University of Medicine and Pharmacy

36. SURGICAL TREATMENT OF CHRONIC LIMB-THREATENING ISCHEMIA CAUSED BY THROMBOSED POPLITEAL ARTERY ANEURYSM

Author: Adrian Lîsîi

Scientific adviser: Vasile Culiuc, MD, PhD MSc, Associate Professor, Surgery Department No.1, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

37. STAGED HYBRID REVASCULARIZATION IN BILATERAL CHRONIC LIMB-THREATENING ISCHEMIA: A TAILORED APPROACH TO MULTILEVEL DISEASE

Author: Sebastian Gerardo Honca; **Co-authors:** Alin Tiberiu Hinsă, Amelia Burlea

Scientific adviser: Nicoleta Zurbau-Anghel, MD, PhD, Assistant Professor, Department of Pathology, *Vasile Goldis* Western University of Arad, Romania

38. MODERN APPROACHES TO THE MANAGEMENT OF CHRONIC ANAL FISSURE: FROM PHARMACOLOGICAL THERAPY TO SURGICAL TREATMENT

Author: Dionis Maxian

Scientific adviser: Marcel Sochirca, MD, PhD, Assistant Professor, General Surgery-Semiology Department No. 3, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

XXVI. UROLOGY

Chairman: Dumbrăveanu Ion, Dr. hab. MSc, associate professor

Members: Gălescu Andrei, PhD MSc, associate professor

Oprea Andrei, PhD MSc, associate professor

Bradă Andrei, PhD MSc, associate professor

Banov Pavel, PhD MSc, associate professor

Secretary: Roșca Mihaela

1. MICROBIOLOGY OF CATHETER-ASSOCIATED URINARY TRACT INFECTIONS

Author: Ananya Syam

Scientific adviser: Cojocaru Stela, MD, PhD MSc, Associate Professor, Department of Infectious, Tropical Diseases and Medical Parasitology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova.

2. ETIOLOGICAL AND EVOLUTIONARY FEATURES OF ACUTE KIDNEY INJURY IN PATIENTS TREATED WITH RENAL REPLACEMENT THERAPY

Author: Alexandru Gorea

Scientific adviser: Adrian Tănase, Dr. hab. MSc, Professor, Department of Urology and Surgical Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

3. ASYMPTOMATIC BACTERIURIA IN PREGNANCY: A LITERATURE REVIEW COMPARING SCREENING, TREATMENT AND FOLLOW-UP PROTOCOLS ACROSS INTERNATIONAL GUIDELINES

Author: Ozcan Yasin Karabacak; **Co-authors:** Mihaela Zingan, Iurii Arian, Ludmila Zveaghințeva

Scientific adviser: Ion Dumbrăveanu, Dr. hab. MSc, Associate Professor, Head of Department of Surgical Urology and Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

4. 3D LAPAROSCOPIC RADICAL PROSTATECTOMY: INITIAL SHORT-TERM RESULTS

Author: Iadviga Stascoveac; **Co-author:** Alexandru Piterschii

Scientific adviser: Victor Șchiopu, MD, PhD MSc, Assistant Professor, Department of Oncology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

5. ARTIFICIAL INTELLIGENCE FOR MANAGING THE COMPLEXITY OF BRCA1/BRCA2 ALTERATIONS IN AGGRESSIVE PROSTATE CANCER

Author: Teodor Arap

Scientific adviser: Andrei Bradu, MD, PhD MSc, Associate Professor, Department of Urology and Surgical Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

6. THE ROLE OF ARTIFICIAL INTELLIGENCE IN DETECTING CANCER CELLS IN URINARY CYTOLOGY TO REDUCE THE NUMBER OF CYTOSCOPIES

Author: Denis Blanari

Scientific adviser: Andrei Bradu, MD, PhD MSc, Associate Professor, Department of Urology and Surgical Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

7. *ADVANCES IN RENAL XENOTRANSPLANTATION :CURRENT PROGRESS, CHALLENGES, AND CLINICAL PERSPECTIVES*

Author: Denisa-Lorena Popa

Scientific adviser: Alexandru Laculiceanu, MD, Assistant Professor, Transilvania University of Braşov, Braşov, Romania

8. *THE ROLE OF MACHINE LEARNING ALGORITHMS BASED ON T2-WEIGHTED MRI IN PREDICTING BRCA MUTATIONS IN PROSTATE CANCER*

Author: Oleg Cazacu; **Co-authors:** Adrian Scutari, Octavian Leşan, Marian Borcoman

Scientific adviser: Andrei Bradu, MD, PhD MSc, Associate Professor, Department of Urology and Surgical Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

9. *USE OF 68Ga PSMA PET/CT IMAGING IN PROCESSING OF PROSTATE CANCER LESIONS ASSISTED BY ARTIFICIAL INTELLIGENCE*

Author: Dmitrii Formusatii

Scientific adviser: Andrei Bradu, MD, PhD MSc, Associate Professor, Department of Urology and Surgical Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

10. *NEW PERSPECTIVES IN PROSTATE BIOPSY: THE CONTRIBUTION OF ARTIFICIAL INTELLIGENCE*

Author: Adrian Scutari; **Co-authors:** Octavian Leşan, Oleg Cazacu, Marian Borcoman

Scientific adviser: Vitalii Ghicavii, Dr. hab. MSc, Professor, Department of Urology and Surgical Nephrology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

11. *CLINICAL OUTCOMES OF GENETICALLY ENGINEERED PORCINE KIDNEY XENOTRANSPLANTATION-A SYSTEMIC REVIEW*

Author: Costin-Sergiu Ciupercă

Scientific adviser: Alexandru Laculiceanu, MD, Assistant Professor, Transilvania University of Braşov, Braşov, Romania

12. *RENAL XENOTRANSPLANT*

Author: Binukumar Sabarinath

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