

AGENDA

Registration

March, 17, 2023

Opening ceremony 15:00 - 15:20

Emil Ceban, Rector of SUMPh Nicolae Testemitanu, Academician, MD, PhD, Professor.

Ștepa Serghei, Head of Clinical Hospital of Orthopedics and Traumatology, MD, PhD, Associate Professor.

Nacu Viorel, Head of Human Tissue and Cells Bank from Clinical Hospital of Orthopedics and Traumatology and head of Laboratory of Tissue Engineering and Cells Cultures, SUMPh Nicolae Testemitanu, MD, PhD, Professor.

DAY ONE – 17 March 2023

Session 1

Plenary meeting

Oral presentations

Moderators: **Nacu Viorel**, MD, PhD professor, (Republic of Moldova), **Ștepa Serghei**, MD, PhD, (Republic of Moldova), **Țîmbădari Tatiana**, MD, PhD (Republic of Moldova).

- 1. 15:20-15:40. Nacu Viorel, Cociug Adrian, Ignatov Olga, Cobzac Vitalie.** Tissue and cells transplantation from research to clinical use. *Chisinau, Republic of Moldova.*
- 2. 15:40-15:50. Buga Diana, Țîmbădari Tatiana, Bolocan Vladimir, Ciubotaru Ludmila, Visterniceanu Dorian, Farima Marc, Cornea Cornelia, Nacu Viorel.** Management of human tissue donation and transplantation in the Republic of Moldova for the past 10 years. *Chisinau, Republic of Moldova.*
- 3. 15:50-16:00. Cociug Adrian, Macagonova Olga, Țîmbădari Tatiana, Valeriu Cușnir, Nacu Viorel.** 10 years of activity of the human tissue bank in the field of cornea harvesting and processing in the Republic of Moldova. *Chisinau, Republic of Moldova.*
- 4. 16:00-16:10. Chornopyschuk Roman, Sidorenko Ludmila, Chepliaka Oleksii, Capcelea Svetlana, Nagaichuk Vasiliu.** Topical application of sorption hydrophilic/ hydrophobic composition based on nanosilica in the treatment of patients with burns. *Vinnytsya, Ukraine. Chisinau, Republic of Moldova.*
- 5. 16:10-16:20. Madan Vadim, Croitor Gheorghe, Caproș Nicolae, Glavan Alina, Hancota Dumitru, Vacula Ion.** The use of bone allografts in the surgical treatment of tibial plateau fractures. *Chisinau, Republic of Moldova.*

16:20-16:50 Coffe Break

Poster session I

- 1. Calistru Anatol, Țarălungă Tatiana, Nacu Viorel.** Treatment of unicameral calcaneus cyst by introducing demineralized allogeneic bone paste: a case report. *Chisinau, Republic of Moldova.*
- 2. Berejanschi Anghelina, Nacu Viorel.** Post Covid-19 respiratory complications treatment by stem cells. *Chisinau, Republic of Moldova.*

3. **Cenușa Alexandrina, Șaptefrați Lilian.** Induced pluripotent stem cells and organoids: advancement and challenges in neurosciences, drug screening and regenerative medicine. *Chisinau, Republic of Moldova.*
4. **Harabari Ștefan, Ojovanu Vitalie.** Stem cell therapy in type 2 diabetes mellitus. *Chisinau, Republic of Moldova.*
6. **Ignatov Olga, Mihaluța Viorica, Nacu Viorel.** Analysis of amniotic membrane processing in the human tissue and cell bank. *Chisinau, Republic of Moldova.*
7. **Mihaluta Viorica, Stoian Alina, Verega Grigore, Nacu Viorel.** Amniotic membrane as a source of treatment in the trophic ulcer of the lower limb. *Chisinau, Republic of Moldova.*
8. **Paduca Ala, Corduneanu Angela, Iacubitchii Maria, Bendelic Eugeniu, Moscalciuc Alina, Bucinscaia Larisa, Magla Tatiana.** Surgical experience in corneal transplantation. *Chisinau, Republic of Moldova.*
9. **Ungurean Elena, Șaptefrați Lilian.** Biological therapies in regenerative medicine. *Chisinau, Republic of Moldova.*

SESSION nr. 2

16:50-18:00

Moderators: **Ficai Anton**, PhD, professor (*Romania*). **Caproș Nicolae**, MD, PhD professor, (Republic of Moldova). **Macagonova Olga**, MD, PhD, researcher (Republic of Moldova).

1. **16:50-17:15. Motelica Ludmila, Ficai Denisa, Oprea Ovidiu, Ficai Anton, Andronescu Ecaterina.** The potential of use of the mesoporous materials in medicine. *Bucharest, Romania.*
2. **17:15-17:25. Iacubitchii Vitalie, Vacarciuc Ion, Caproș Nicolae, Cobzac Vitalie, Cociug Adrian, Nacu Viorel.** The use of stem cells in the wrist arthrodesis. Experimental study. *Chisinau, Republic of Moldova.*
3. **17:25-17:35. Evsiucova Maria, Cirimpei Octavian, Cociug Adrian, Nacu Viorel.** The use of skin allografts in the treatment of burns. *Chisinau, Republic of Moldova.*
4. **17:35-17:45. Macagonova Olga, Cociug Adrian, Braniște Tudor, Nacu Viorel.** Structural and physical characteristics of the dermal decellularized structures evaluation. *Chisinau, Republic of Moldova.*
5. **17:45-18:00. Feghiu Leonid, Feghiu Iuliana, Graur Sorin, Nacu Viorel.** Effective method for treatment of atrophic pseudarthrosis with leg shortening, associated with chronic osteomyelitis. *Chisinau, Republic of Moldova.*

DAY TWO – 18 March 2023

Session 1, 09:00 – 10:20

Moderators: **Labușca Luminita**, MD, PhD (*Romania*), **Victor Palarie**, MD, PhD (*Republic of Moldova*).

1. **09:00-09:10. Labusca Luminia, Danceanu Camelia, Minuti Anca, Ivanov Iuliu, Zugun-Eloae Florin, Plamadeala Petru, Chiriac Horia, Lupu Nicoleta.** Models for testing regenerative therapies – focus on explants as models for osteoarthritis. *Iasi, Romania.*
2. **09:10-09:20. Stavila Cristina, Minuti A, Herea D, Labusca L, Stoian G, Lupu N, Chiriac H.** Reliable protocol for sample preparation to observe nanomaterial adherence to the surface of biological cells by using scanning electron microscopy. *Iasi, Romania.*

3. **09:20-09:30. Stoian Alina, Pavlovschi Elena, Verega Grigore, Birgit Andrée, Hilfiker Andres, Nacu Viorel.** Experimental study in obtaining of a Vascularized Composite Bone Extracellular Matrix. *Chisinau, Republic of Moldova. Hannover, Germany.*
4. **09:30-09:40. Palarie Natalia, Palii Natalia, Palarie Victor.** Platelet Rich Growth Factor in the treatment of complex corneal disorders. *Chisinau, Republic of Moldova.*
5. **Verdes Irina, Capcelea Svetlana.** Novel treatment strategies for autism spectrum disorder based on cellular therapy and genomics. *Chisinau, Republic of Moldova.*
6. **09:50-10:00. Lupan Valentina, Dumbrăveanu Lilia, Cusnir Valeriu, Storoja Ana-Maria, Cociug Adrian, Nacu Viorel.** Cornea and amniotic membrane transplantation in the No.2 clinic of ophthalmology during the SARS COV-19 pandemic. *Chisinau, Republic of Moldova.*
7. **10:00-10:10. Jian Mariana, Cobzac Vitalie, Verestiuc Liliana, Butnaru Maria, Nacu Viorel.** Scaffolds for bone tissue regeneration. *Iasi, Romania. Chisinau, Republic of Moldova.*
8. **10:10-10:20. Procopciuc Vitalie, Cociug Adrian, Nacu Viorel.** Impact of differently processed amniotic membrane grafts on the outcome of corneal ulcers in rabbit models. *Chisinau, Republic of Moldova.*

10:20-10:50.

Cofee Break

Poster session II

1. **Nacu Ana-Maria, Vartic Victoria.** The right to life. Legal status of the human embryo. *Gaesti, Romania.*
2. **Cataraga Tatiana, Nacu Viorel.** Stem cells therapy in infertility. *Chisinau, Republic of Moldova.*
3. **Abu Anem Abd Alaziz, Hacina Tamara.** Variability of the venous drainage of brain. *Chisinau, Republic of Moldova.*
4. **Ashkar Laila, Babuci Angela, Zorina Zinovia.** Anatomical peculiarities of the stylomastoid foramen and mastoid segment of the facial canal. *Chisinau, Republic of Moldova.*
5. **Berlinschi Grigore, Zorina Zinovia, Botnaru Doina, Botnari Tatiana.** The morpho-clinical features of multiple sclerosis. *Chisinau, Republic of Moldova.*
6. **Bobutac Mihail, Babuci Angela.** Variants of the renal pedicle. *Chisinau, Republic of Moldova.*
7. **Chicu Gabriela, Hacina Tamara.** Variability of the human brain and its meninges. *Chisinau, Republic of Moldova.*
8. **Cobileanschii Eugeniu, Cobileanscaia Liubov.** Hepatic volumetric blood flow in patients with duodenal ulcer. *Chisinau, Republic of Moldova.*
9. **Cobileanschii Eugeniu, Cobileanscaia Liubov.** Status of arterial hepatic flow in patients with acute duodenal ulcer. *Chisinau, Republic of Moldova.*
10. **Cojocar-Toma Maria, Toma Maria Mirabela, Jian Mariana, Cociug Adrian, Nacu Viorel.** Histopatological evaluation extracts of *agrimoniae herba* and *cichorii herba* in experimental. *Chisinau, Republic of Moldova.*
11. **Lisnic L., Spinei A.** Correlation between dental caries and quality of life in children. *Chisinau, Republic of Moldova.*
12. **Haim Lital, Sidorenko Ludmila.** Principles of elaboration and usage of mRNA-based vaccines. *Chisinau, Republic of Moldova.*
13. **Malai Ina, Hacina Tamara.** Age peculiarities of the human body and their consideration in medical practice. *Chisinau, Republic of Moldova.*
14. **Pîrvu Victor, Hotineanu Adrian, Peltec Angela, Pîrvu Cristina.** Evaluation of MELD score in liver transplant allocation. *Chisinau, Republic of Moldova.*

15. **Stolearenco Catalina, Popa Serghei.** The new approaches in the treatment of systemic lupus erythematosus. *Chisinau, Republic of Moldova.*
16. **Popusoi Diana, Smisnoi Mariana.** The influence of periodontitis in cardiovascular diseases. *Chisinau, Republic of Moldova.*
17. **Postolaki Alexandr, Bodean Sergiu, Belik Olga.** Anatomico-morphological particulars of the pendant from human molar from eposit component at carbuna. *Chisinau, Republic of Moldova.*
18. **Rusu–Radzichevici Natalia, Radzichevici Mihail.** Facial skin grafting for tissue defects as a result of various injuries. *Chisinau, Republic of Moldova.*
19. **Secrieru Felicia, Bendelic Anastasia.** The hepatic portal vein-normal and variant anatomy. *Chisinau, Republic of Moldova.*
20. **Tocarjevschi Iurie, Stratu Ecaterina, Catcov Carolina, Rakovskaia Tatiana.** Treatment of neurological complications of arterial hypertension. *Chisinau, Republic of Moldova.*
21. **Zorina Zinovia, Babuci Angela, Botnaru Doina, Botnari Tatiana, Cotoneș Tatiana.** Topographic and morphometric aspects of the internal jugular vein. *Chisinau, Republic of Moldova.*
22. **Cornea Cornelia, Ceban Emil, Tanase Adrian, Groppa Liliana, Sasu Boris, Rotaru Larisa.** “Brain death” donor. Sampling of organs and tissues with their subsequent transplantation. *Chisinau, Republic of Moldova.*
23. **Pavlovschi Elena, Stoian Alina, Gardikiotis Ioannis, Verega Grigore, Nacu Viorel, Cernei Gherman.** The vascularized bone allotransplantation after decellularized process. *Chisinau, Republic of Moldova, Iasi, Romania.*

SESSION nr. 2

10:50-12:00

Moderators: Nacu Viorel, MD, PhD professor, *(Republic of Moldova).* **Globa Tatiana, MD, PhD,** associate professor.

1. **10:50-11:00. Jian Mariana, Cobzac Vitalie, Globa Tatiana, Pălarie Victor, Mostovei Andrei, Ficai Anton, Nacu Viorel.** Bone tissue regeneration using different 3D matrices. *Chisinau, Republic of Moldova. Bucharest, Romania.*
2. **11:10-11:20. Valic Eugeniu, Mereuta Ion.** The role of 3D-printing technologies in the management of breast cancer patients. *Chisinau, Republic of Moldova.*
3. **11:20-11:30. Goreacii Ana, Nacu Viorel.** Is menstrual blood a possible sustainable source of stem cells for regenerative medicine? *Chisinau, Republic of Moldova.*
4. **11:30-11:40. Padurar Luminita, Ignatov Olga, Nacu Viorel.** 3D printing in tissue engineering. *Chisinau, Republic of Moldova.*
5. **11:40-11:50. Fandofan Victoria, Jeru Ion, Bozul Uliana-Ariadna.** Features of microsurgical treatment in patients with recurrent pterygium. *Chisinau, Republic of Moldova.*

12.00

CONFERENCE CLOSING CEREMONY