

PROGRAM OVERVIEW

FIRST DAY WEDNESDAY, OCTOBER 12, 2022		VENUE: HALL 253, INSTITUTE OF MICROBIOLOGY AND BIOTECHNOLOGY 1, ACADEMIEI STR., CHISINAU
09:00 – 09:30	REGISTRATION	
09:30 – 10:00	OPENING CEREMONY	
10:00 – 10:45	PLENARY SESSION	
10:45 – 11:00	COFFEE BREAK	
11:30 – 12:45	PLENARY SESSION	
12:45 – 13:30	LUNCH	
13:30 – 16:30	THEMATIC SESSION GREEN BIOTECHNOLOGY (AGRICULTURAL AND ENVIRONMENTAL BIOTECHNOLOGY)	

SECOND DAY THURSDAY, OCTOBER 13, 2022		VENUE: HALL 253, INSTITUTE OF MICROBIOLOGY AND BIOTECHNOLOGY 1, ACADEMIEI STR., CHISINAU
08:30 – 09:00	THEMATIC SESSION GREEN BIOTECHNOLOGY (AGRICULTURAL AND ENVIRONMENTAL BIOTECHNOLOGY)	
09:00 – 10:00	THEMATIC SESSION BLUE BIOTECHNOLOGY (AQUACULTURE, COSTAL AND MARINE BIOTECH)	
10:00 – 11:15	THEMATIC SESSION YELLOW BIOTECHNOLOGY (FOOD BIOTECHNOLOGY, NUTRITION SCIENCE)	
11:15 – 11:30	COFFEE BREAK	
11:30 – 11:45	THEMATIC SESSION RED BIOTECHNOLOGY (HEALTH, MEDICAL, DIAGNOSTICS)	
11:45 – 12:15	THEMATIC SESSION GOLD BIOTECHNOLOGY (BIOINFORMATICS, NANOBIOTECHNOLOGY)	
12:15 – 13:30	POSTER SESSION	

PROGRAMME

First day WEDNESDAY, October 12, 2022		Venue: Hall 253, Institute of Microbiology and Biotechnology 1, Academiei str., Chisinau
09:00 – 09:30	REGISTRATION	
09:30 – 10:00	OPENING CEREMONY	
10:00 – 12:45	PLENARY SESSION	
10:00 – 10:15	Cepoi Liliana	IN VIVO ACCUMULATION OF BIOFUNCTIONALIZED AGNPS WITH SPIRULINA
10:15 – 10:30	Ruginescu Robert	BIOPROSPECTING FOR NOVEL BACTERIAL SOURCES OF SALT-TOLERANT ENZYMES WITH BIOTECHNOLOGICAL APPLICATIONS.
10:30 – 10:45	Rakhmanov Bakhtiyor	DEVELOPMENT OF GENETIC VECTORS BASED ON ARTEMISININ BIOSYNTHESIS RELATED GENES AND THEIR TRANSFORMATION INTO PLANTS USING AGROBACTERIUM
10:45 – 11:00	COFFEE BREAK	
11:00 – 11:15	Corcimaru Serghei	LOW DENSITY POLYETHYLENE DEGRADATION BY SOIL MICROORGANISMS
11:15 – 11:30	Semashko Tatiana	ANALYSIS OF INTERACTION OF SILVER NANOPARTICLES SYNTHETIZED BY PSEUDOMONAS STUTZERI AND TRICHODERMA HARZIANUM WITH OXIDOREDUCTASES
11:30 – 11:45	Zinicovskaia Inga	EFFECT OF ZINC-CONTAINING WASTEWATER ON <i>SPIRULINA PLATENSIS</i> BIOACCUMULATION CAPACITY AND BIOCHEMICAL COMPOSITION
11:45 – 12:00	Zhukouskaya Liudmila	INFLUENCE OF CULTIVATION CONDITIONS ON THE GROWTH AND FORMATION OF PSEUDOARTROBACTER SCLEROMAE CHOLESTEROL OXIDASE
12:15 – 12:30	Ungureanu (Negut) Irina	BIOACTIVE GLASS COATINGS SYNTHESIZED BY MAPLE FOR ENHANCED PERFORMANCE OF MEDICAL IMPLANTS
12:30 – 12:45	Lesnic Evelina	THE CORRELATION BETWEEN THE IMMUNE INDICATORS IN PATIENTS WITH PULMONARY DRUG-SUSCEPTIBLE AND MULTIDRUG-RESISTANT TUBERCULOSIS
12:45 – 13:30	LUNCH	
13:30 – 16:45	GREEN BIOTECHNOLOGY (AGRICULTURAL AND ENVIRONMENTAL BIOTECHNOLOGY)	
13:30 – 13:45	Zakiryaeva Saidakhon	ANTAGONISTIC PROPERTIES OF RHIZOBACTERIA IN RELATION TO WHEAT PHYTOPATOGENES
13:45 – 14:00	Vorona Valentina	CHARACTERIZATION OF MICROBIAL CONSORTIUM ISOLATED FROM LANDFILL SOIL POLLUTED WITH POLYETHYLENE
14:15 – 14:30	Stingaci Aurelia	ENTOMOPATHOGENIC BIOPESTICIDES – AN ALTERNATIVE INCREASING THE ADAPTABILITY OF PLANTS TO STRESS IMPACT AND ECO-FRIENDLY SOURCE FOR THE CONTROL OF PESTS
14:30 – 14:45	Samoilova Anna	EFFECT OF PHAGES ISOLATED FROM DIFFERENT SOURCES AGAINST FIRE BLIGHT PATHOGEN
14:45 – 15:00	Rastimesina Inna	IDENTIFICATION OF MIXED MICROBIAL CONSORTIA ISOLATED FROM POLYETHYLENE FILMS SURFACE
15:00 – 15:15	Postolachi Olga	THE EFFECT OF FERTILIZER ON THE ABUNDANCE OF MICROORGANISMS DURING SOIL REMEDIATION
15:15 – 15:30	Bogdan-Golubi Nina	THE VIABILITY OF BACILLUS, PSEUDOMONAS AND LACTIC ACID BACTERIA STRAINS AFTER 15 YEARS OF STORAGE
15:30 – 15:45	Codreanu Liviu	CHROMIUM BIOACCUMULATION POTENTIAL OF EDAPHIC CYANOBACTERIUM NOSTOC LINCKIA GROWN ON MULTIMETALLIC SYSTEMS
15:45 – 16:00	Macari Vasile	THE EFFECTS OF RATION MEDICATION WITH ZooBioR ON SOME PARAMETERS OF MINERAL METABOLISM IN YOUNG CHICKEN
16:00 – 16:15	Moldovan Anna	GROWTH AND SPORULATION OF BEAUVERIA BASSIANA ON DIFFERENT CULTURE MEDIA
16:15 – 16:30	Balan Ion	CORRELATIONS OF MICROBIOTA, ENVIRONMENT AND REPRODUCTIVE HEALTH
16:30 – 16:45	Yushin Nikita	METAL REMOVAL FROM ERBIUM-CONTAINING WASTEWATER USING ARTHOSPIRA PLATENSIS

Second day THURSDAY, October 13, 2022		Venue: Hall 253, Institute of Microbiology and Biotechnology 1, Academiei str., Chisinau
08:30 – 09:00	GREEN BIOTECHNOLOGY (AGRICULTURAL AND ENVIRONMENTAL BIOTECHNOLOGY)	
08:30 – 08:45	Enache Madalin	CHARACTERIZATION OF RAW MATERIALS FROM SEVERAL SOURCES FOR OBTAINING BIODEGRADABLE PACKAGING
08:45 – 09:00	Costin Batrinescu-Moteau	ENDOLITHIC MICROORGANISMS FROM VOLCANIC TUFF
09:00 – 10:00	BLUE BIOTECHNOLOGY (AQUACULTURE, COSTAL AND MARINE BIOTECH)	
09:00 – 09:15	Sirbu Tamara	ENZYMATIC CAPACITY OF FRESHWATER MICROORGANISMS
09:15 – 09:30	Moldovan Cristina	STUDY OF THE ENZYMIC PROPERTIES OF FUNGI IN THE "LA IZVOR" AQUATIC ECOSYSTEM
09:30 – 09:45	Birsa Maxim	PRESENCE OF ACTINOBACTERIA IN THE AQUATIC ECOSYSTEM OF THE "LA IZVOR" LAKE IN THE CHISINAU
09:45 – 10:00	Trofim Alina	USE OF THE EXTRACTS OF CYANOBACTERIA CALOTHRIX MARCHICA, NOSTOC HALOPHYLLUM AND SPIRULINA PLATENSIS FOR THERAPEUTIC PURPOSES
10:00 – 11:15	YELLOW BIOTECHNOLOGY (FOOD BIOTECHNOLOGY, NUTRITION SCIENCE)	
10:00 – 10:15	Stici Valentina	USING THE PEARSON CORRELATION BETWEEN PH, TDS AND ORP PARAMETERS WITH MALONDIALDEHYDE AS THE BIOCHEMICAL INDICATOR OF THE PORK QUALITY.
10:15 – 10:30	Efremova Nadejda	APPLICATION PROSPECT OF AMINOPROTEIC EXTRACTS FROM YEASTS OF WINE SEDIMENTS
10:30 – 10:45	Chiselita Oleg	ANTOCYANIC EXTRACTS FROM YEASTS WINE WASTE
10:45 – 11:00	Besliu Alina	CHARACTERIZATION OF MANNOPROTEINS EXTRACTS OBTAINED FROM WINE INDUSTRY WASTE
11:00 – 11:15	Boistean Alina	ISOLATION, CHARACTERIZATION AND APPLICATION OF ACETIC ACID BACTERIA FROM LOCAL WINE PRODUCTS
11:15 – 11:30	COFFEE BREAK	
11:30 – 11:45	RED BIOTECHNOLOGY (HEALTH, MEDICAL, DIAGNOSTICS)	
11:30 – 11:45	Rakhmanov Bakhtiyor	BIOTECHNOLOGIES IN ARTEMISININ PRODUCTION
11:45 – 12:15	GOLD BIOTECHNOLOGY (BIOINFORMATICS, NANOBIOBIOTECHNOLOGY)	
11:45 – 12:00	Valuta Ana	THE ACTION OF GOLD AND SILVER NANOPARTICLES ON PHYCOBILIPROTEIN SYNTHESIS IN RED MICROALGA PORPHYRIDIUM CRUENTUM
12:00 – 12:15	Condruce Viorica	THE INFLUENCE OF SOME METAL NANOOXIDES ON THE EXOCELLULAR AMYLASE ACTIVITY OF ASPERGILLUS NIGER CNMN FD 06 MYCELIAL FUNGAL STRAIN
12:15 – 13:30	POSTER SESSION	
12:15 – 12:20	Artiomov Laurenția	ACTINOBACTERIA MICROBIAL COMMUNITY STRUCTURE IN THE AGROECOSYSTEMS SOIL
12:20 – 12:25	Balacci Sergiu	MODIFICAREA SACULUI VITELIN LA LARVELE DE CRAP ÎN FUNCȚIE DE VARIETATEA TEMPERATURILOR DE MEDIU
12:25 – 12:30	Chiriac Tatiana	SPIRULINA BIOMASS, CONTAINING SILVER NANOPARTICLES - RAW AND SAFE MATERIAL FOR THE DEVELOPMENT OF MULTIPURPOSE REMEDIES
12:30 – 12:35	Gutu Nadejda	PATHOGENIC AGENTS OF ACUTE DIARRHEA DISEASE FROM THE ENTEROBACTERIACEA FAMILY AND THEIR ANTIBIOTIC RESISTANCE
12:35 – 12:40	Indoitu Diana	PROMISING MICROORGANISMS FOR TREATMENT OF POULTRY PROCESSING WASTEWATER
12:40 – 12:45	Israyelyan Arevik	ANTIMICROBIAL ACTIVITY OF POLYSACCHARIDES PRODUCED BY LACTIC ACID BACTERIA AGAINST PNEUMONIA PATHOGENS
12:45 – 12:50	Lungu Andrei	SOME FEATURES OF CULTIVATION OF THE ACTINOBACTERIUM <i>SACCHAROPOLYSPORA SPINOSA</i>
12:50 – 12:55	Malic Alina	EFFICACY AND SAFETY OF THE VIDEO-OBSERVED TREATMENT IN PATIENTS WITH PULMONARY TUBERCULOSIS
12:55 – 13:00	Moroz Irina	SELENIUM-ENRICHED FODDER YEAST: PRODUCTION AND APPLICATION IN STOCK BREEDING
13:00 – 13:05	Pantea Valeriana	THE IMPACT OF THE COORDINATIVE COMPOUNDS, THIOSEMICARBASIDE DERIVATES ON THE OXIDATIVE STRESS INDICES IN EX VIVO EXPERIMENTS
13:05 – 13:10	Sargsyan Anyuta	ROLE OF LACTIC ACID BACTERIA IN ANIMAL FEEDSTUFF
13:10 – 13:15	Zosim Liliana	ANTIOXIDANT CAPACITY OF THE EXTRACTS OF SPIRULINA BIOMASS CONTAINING PHYCOCYANIN
13:15 – 13:30	POSTER SESSION DISCUSSIONS	