

SCIENTIFIC PROGRAMME OUTLINE

Day 1 (Wednesday, 10.06.2026)		
Venue Belgrade Youth Center, in Serbian: Dom omladine Beograda (Address: Makedonska 22, Belgrade, Serbia)		
14:00-15:30 Registration of the participants & Sponsor Exhibition visit		
15:30-16:15 Great Hall		
Welcome notes by organizers and distinguished guests		
Lazar Ranin , President of UMS Dušan Kekić , Scientific & Organizing Committee Co-Chairperson Ivica Dimkić , Scientific & Organizing Committee Chairperson Branka Vasiljević & Branko Jovčić , FEMS Secretary General & FEMS Serbian delegate Vaso Taleski , former FEMS Director of Events & Internationalization HU (Milutin) Zhiyu & Wang Kang , Embassy of the People's Republic of China in the Republic of Serbia Luciano Catani , Scientific Attaché of the Italian Embassy Amos Reichman , Director of the French Institute in Serbia		
16:15-17:15 Great Hall		
Keynote Session 1 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Microbiome Breakthrough]		
<u>Introductory note: Ivica Dimkić</u>		
16:15-17:00		
Gabriele Berg , Austria - Understanding and managing the plant microbiome for one health		
17:15-19:00 Great Hall		
Integrated Plenary Session 1 ENVIRONMENTAL INNOVATIONS & SUSTAINABLE SOLUTIONS [Applied & Environmental Science]		
<u>Chairs: Monica Höfte & Jasmina Nikodinović Runić</u>		
17:15-17:45 Monica Höfte , Belgium - Role and fate of cyclic lipopeptides in phytobiomes	17:50-18:20 Jasmina Nikodinović Runić , Serbia - Microbiological upcycling of plastic waste	18:25-18:55 Masaki Shintani , Japan - From <i>Pseudomonas</i> plasmids to a global plasmid database: Insights into mobility and emerging AMR
19:00-22:00 Medium Hall "Amerikana" : Welcome reception with extraordinary virtuoso <i>Saša Smiljković</i>		

Day 2 (Thursday, 11.06.2026) Venue Belgrade Youth Center, in Serbian: Dom omladine Beograda (Address: Makedonska 22, Belgrade, Serbia)		
08:00-09:00 Registration of the participants		
09:00-10:45 Great Hall Integrated Plenary Session 2 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Antimicrobials & Resistance/Clinical & Public Health Microbiology]" <u>Chairs: Paul Cos & Natasha Griffith</u>		
09:00-09:30 Liang Yang , China – Formation of <i>Pseudomonas aeruginosa</i> biofilms and microbial community remodeling	09:35-10:05 Natasha Griffith , USA - Hold on to your lab coats: A wild ride through ups and downs of successful clinical and public health laboratory leadership	10:10-10:40 Paul Cos , Belgium - Targeting <i>Mycobacterium tuberculosis</i> redox metabolism: A challenging path to inhibitor discovery
09:00-10:45 Medium Hall “Amerikana” Integrated Plenary Session 3 ENVIRONMENTAL INNOVATIONS & SUSTAINABLE SOLUTIONS [Applied & Environmental Science/Ecology & Evolution of Host-Associated Microorganisms] <u>Chairs: Zhong Wei & Daniele Daffonchio</u>		
09:00-09:30 Daniele Daffonchio , Italy - The agroecosystem “ <i>Microbial Terroir</i> ” promotes fruit quality, plant resilience against stresses, and carbon sequestration	09:35-10:05 Zhong Wei , China - Harnessing rhizosphere phage for One Health	10:10-10:40 Alexandre Jousset , Switzerland - Democratizing biotechnology: Harnessing artificial intelligence to decode and engineer microbiomes
10:45-11:30 Coffee Break & Poster Viewing Session - Morning Session		
10:45-11:30 Great Hall: Industrial Partner Session 1		
Medium Hall “Amerikana” 10:45-11:00 Institute of Molecular Genetics and Genetic Engineering - A legacy of 40 years in science, discovery, and the people who redefine boundaries; 11:10-11:25 Institute for Microbiology and Immunology, Medical Faculty, University of Belgrade – A legacy of 100 years in science and practice		
10:45-11:30 Club DOB Hall Offered Flash Talks Session 1 <u>Chair: Miloš Jovičević</u>		
10:45-10:50 Milica Gajić Bojić , Bosnia and Herzegovina - Prevalence of urogenital infections and antimicrobial susceptibility in pregnant women with preeclampsia in the Republic of Srpska 10:50-10:55 Nikola Plačkić , Serbia - Isolation, screening and characterization of bacteriophages targeting biofilm-forming <i>Acinetobacter baumannii</i> 10:55-11:00 Marija Atanasković , Serbia - GH130-BG31 β -1-mannosidase reduces biofilm formation and potentiates antibiotic activity in clinically relevant pathogens 11:00-11:05 Dijana Hasić , Bosnia and Herzegovina - Contamination of urine cultures at the primary health care level as indicator of quality 11:05-11:10 Tea Ganić , Serbia - Biofilm matrix of <i>Acinetobacter baumannii</i> wound isolate was affected by antibiofilm agents: cinnamon essential oil and its emulsion 11:10-11:15 Vukašin Janković , Serbia - <i>Streptomyces rubiginosohelvolus</i> NP10 as a platform strain for biodegradation of cellulose-based materials in composting systems 11:15-11:20 Kristjan Gašpirc , Slovenia - Real-time assessment of early-stage and mature biofilm formation and toxicity of chemical stressors using an integrated GenFade vaterite-based system and flow cytometric analysis 11:20-11:25 Iva Vojtkuf , Croatia - Methane-cycling prokaryotic communities in contrasting continental and mediterranean lakes		

<p>11:30-13:00 Great Hall In-Depth Symposia Session 1 INNOVATIVE BIOTECH & INDUSTRIAL APPLICATIONS [Industrial & Environmental Biotechnology] Chairs: Aleš Lapanje & Marko Vinceković</p>				
<p>11:30-11:50 Aleš Lapanje, Slovenia - Microbial ecosystem engineering by electrostatic design</p>	<p>11:55-12:15 Marko Vinceković, Croatia - Encapsulation of probiotics in biopolymer microparticles</p>	<p>12:20-12:30 Ealisha Jha, Slovenia (offered talk) Polyelectrolyte-driven surface engineering as a strategy for constructing compatible and multifunctional microbial consortia</p>	<p>12:30-12:40 Igor Pavlovski, North Macedonia (offered talk) - Donkey milk-derived probiotics as next-generation tools against antimicrobial resistance</p>	<p>12:40-12:50 Dmitrii Deev, Slovenia (offered talk) - Development of a microfluidic screening approach for isolation of bacterial consortia with phytotoxicity-reducing activity towards olive pomace phenolics</p>
<p>11:30-13:00 Medium Hall "Amerikana" In-Depth Symposia Session 2 "From sculptures to sourdough: Microbiological legacies in cultural heritage" ENVIRONMENTAL INNOVATIONS & SUSTAINABLE SOLUTIONS [From Ancient to Innovative: Microbial Solutions for Sustainability of Cultural Heritage] Chairs: Cecilia Flocco & Nikola Unković</p>				
<p>11:30-11:50 Cecilia Flocco, Germany - Microbiomes of cultural heritage: Inferring human impact on collections in a changing environment</p>	<p>11:50-12:10 Nikola Unković, Serbia - The air we breathe, the heritage at risk: A 20-year research journey toward standardized air-quality guidelines in Serbia</p>	<p>12:10-12:30 Aleksandar Knežević, Serbia - Fungal deterioration of an ancient monoxyle and a 15th-century shipwreck from the archaeological site Viminacium (Serbia)</p>	<p>12:30-12:40 Ana-Marija Milisav, Croatia (offered talk) - Microbial and fungal community diversity in glacial lake sediments of Durmitor National Park, Montenegro</p>	<p>12:40-12:50 Ihab Malat, Slovenia (offered talk) - From adhesion to function: multiscale imaging of <i>Aureobasidium pullulans</i> for living coating development</p>
<p>11:30-13:00 Club DOB Hall In-Depth Symposia Session 3 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Clinical Virology] Chairs: Biljana Popovska Jovičić & Ivana Gmizić</p>				
<p>11:30-11:50 Ivana Gmizić, Serbia - Metabolic disorders in the Belgrade HIV cohort</p>	<p>11:55-12:15 Biljana Popovska Jovičić, Serbia - HIF-1a rs11549465 polymorphism and metabolic syndrome in people living with HIV</p>	<p>12:20-12:30 Jovana Ranin, Serbia (offered talk) - Cardiometabolic comorbidities in an aging person living with HIV: A case report from the Belgrade HIV cohort</p>	<p>12:30-12:40 Marko Marković, Serbia (offered talk) - Cardiovascular risk in people living with HIV in Belgrade</p>	<p>12:40-12:50 Milan Tanasijević, Serbia (offered talk) - Bone health assessment in people living with HIV: Real-world data from Serbia</p>
<p>13:00-14:00 Lunch Break</p>				
<p>14:00-15:00 Great Hall Panel Discussion Session 1 "Challenges in infection management in the ICU" FRONTIERS HEALTH & CLINICAL INNOVATIONS [Fighting Drug Resistance: Novel Diagnostics and Therapies] Moderator: Uroš Karić</p>				
<p>Uroš Karić, Serbia - Common misconceptions about microbiology lab results</p>		<p>Marija Đukanović, Serbia - Treating MDR and XDR pathogens in the ICU: Real-world problems and solutions</p>		<p>Anika Trudić, Serbia - Clinical relevance of microbiological findings in the management of drug-resistant infections</p>

<p>15:15-16:15 Great Hall Panel Discussion Session 2 "Showcasing the clinical value of point of care testing in infectious diseases" FRONTIERS HEALTH & CLINICAL INNOVATIONS [Diagnostics: Bacteriology, Public Health Microbiology, Veterinary Microbiology, and Parasitology] Moderators: Vera Tešić & Nikolina Babić</p>			
<p>Vera Tešić & Nikolina Babić, USA - Showcasing the Clinical Value of Point of Care Testing in Infectious Diseases</p>		<p>Uroš Karić, Serbia</p>	
<p>14:00-16:15 Medium Hall "Amerikana" In-Depth Symposia Session 4 INNOVATIVE BIOTECH & INDUSTRIAL APPLICATIONS [Advanced Industrial Microbiology: Bioproductions, Bioconversions, and Fermentations] Chairs: Michael Sauer & Milica Mirković</p>			
<p>14:00-14:20 Michael Sauer, Austria - Renewable resources and the fossil industry</p>	<p>14:25-14:45 Steffen Lindner-Mehlich, Germany - Towards carbon agnostic fermentation</p>	<p>14:50-15:10 Milica Mirković, Serbia - Lactic acid bacteria: Beyond fermentation - applications in health and probiotics</p>	
<p>15:15-15:35 Bojana Bogovič Matijašić, Slovenia - Sustainable whey bioconversion into LAB-derived metabolites with emphasis on bacteriocin production and functionality</p>	<p>15:40-15:50 Danka Matijašević, Serbia - From antibacterial activity to virulence targeting: antibiofilm potential of medicinal mushroom extracts</p>	<p>15:50-16:00 Veronika Lyamina, Russia (offered talk) - Detection, isolation and characterization of the properties of the gluten-hydrolyzing proteolytic complex from the micromycete <i>Aspergillus parasiticus</i></p>	
<p>14:00-16:15 Club DOB Hall In-Depth Symposia Session 5 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Gut Microbiota and Human Diseases/ Host-Pathogen Interactions and Microbial Pathogenesis in Human and Animal Systems] Chairs: Mirjana Rajilić Stojanović & Aleksandar Pavić</p>			
<p>14:00-14:20 Aleksandar Pavić, Serbia - Redefining the role of <i>Candida albicans</i> in cystic fibrosis lung disease</p>	<p>14:25-14:45 Teresa Zelante, Italy - Functional microbial cliques in the oral mucosa underline oral dysbiosis and host susceptibility to <i>Candida albicans</i> infection following radio mucositis: the relevance of in vitro 3D tongue organoids</p>	<p>14:50-15:10 Mirjana Rajilić Stojanović, Serbia - Probiotics and phytochemicals in gut ecosystem recovery</p>	<p>15:15-15:35 Milena Radunović, Serbia - <i>Candida</i> in the oral cavity: From commensal to opportunistic pathogen</p>
<p>15:35-15:45 Katarina Jončić Savić, Serbia (offered talk) - A translational strategy to enhance antifungal therapy for oral candidiasis using standardized Maqui berry extract: evidence from preclinical and clinical studies</p>	<p>15:45-15:55 Ana Bačić, Serbia (offered talk) - Differential gut microbiota responses to multi-strain probiotic supplementation in long COVID and convalescent individuals</p>	<p>15:55-16:05 Alexander Osmolovskiy, Russia (offered talk) - Key specific properties and effect on target proteins of bi-functional hemostatically active extracellular proteinase of <i>Aspergillus ochraceus</i></p>	

<p>16:30-18:15 Great Hall In-Depth Symposia Session 6 "The interaction landscapes of antibiotic treatment" INNOVATIVE BIOTECH & INDUSTRIAL APPLICATIONS [Computational Genomics, Omics, Databases, Bioinformatics, Artificial Intelligence, and Modeling] Chairs: Djordje Bajić & Jeronimo Rodriguez-Beltran</p>				
<p>16:30-16:50 Djordje Bajić, The Netherlands - Emergent interactions shape antibiotic efficacy landscapes</p>	<p>16:55-17:15 Jeronimo Rodriguez-Beltran, Spain - Identification of pervasive plasmid–chromosome interactions to combat antibiotic resistance</p>	<p>17:20-17:40 Viktoria Lazar, Hungary - Context-dependent pathogen virulence under microbial and pharmacological perturbations</p>	<p>17:45-18:05 Alejandro Couce, Spain - Mutational biases and epistasis complicate collateral sensitivity predictions</p>	
<p>16:30-18:15 Medium Hall “Amerikana” In-Depth Symposia Session 7 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Basic Research of Pathogens in Humans/Host-Pathogen Interactions and Microbial Pathogenesis in Human and Animal Systems/Surveillance of Antimicrobial Resistance: Molecular Typing and Epidemiology] Chairs: Livia Leoni & Giordano Rampion</p>				
<p>16:30-16:50 Jose Alexander, USA (online lecture)</p>	<p>16:50-17:10 Livia Leoni, Italy - The evolving landscape of <i>Pseudomonas aeruginosa</i> virulence: Progress and open questions</p>	<p>17:10-17:30 Giordano Rampioni, Italy - Inside the host metabolic niche: From pathogen nutrition to therapeutic opportunities</p>	<p>17:30-17:50 Ina Gajić & Miloš Jovičević, Serbia- Carbapenem-resistant <i>Klebsiella pneumoniae</i> in healthcare settings: Genomic characterization and susceptibility to last-resort agents</p>	<p>17:50-18:00 Katarina Šapić, Serbia (offerd talk) - The KL130 capsule balances complement resistance and adhesion in a mucoid clinical isolate of <i>Acinetobacter baumannii</i> 5112H</p>
<p>16:30-18:15 Club DOB Hall In-Depth Symposia Session 8 ENVIRONMENTAL INNOVATIONS & SUSTAINABLE SOLUTIONS [Ecology & Evolution of Host-Associated Microorganisms/Agricultural Systems Microbiology and Phytobiome Management] Chairs: Vittoria Catara & Sheridan L. Woo</p>				
<p>16:30-16:50 Vittoria Catara, Italy - Vascular dwellers in tree hosts, insights from conventional and molecular-based analyses in citrus ‘mal secco’ disease</p>	<p>16:55-17:15 Sheridan L. Woo, Italy - What’s App? Using plant-beneficial microbe interactions for eco-sustainable pathogen-pest crop protection</p>	<p>17:20-17:40 Kenji Yokota, Japan - <i>Bacillus</i> cyclic lipopeptides; their functions in biological control against plant diseases</p>	<p>17:45-17:55 Giulio Dimaria, Italy (offered talk) - Integrating genomic and microbiome analyses to investigate emerging soft rot of greenhouse tomato caused by <i>Pectobacterium</i> spp.</p>	
<p>18:00-19:30 Poster Viewing Session - Afternoon Session with the testing of Serbian beverages</p>				
<p>19:30-21:30 Belgrade Fortress Sightseeing or Belgrade River Cruising (optional)</p>				

Day 3 (Friday, 12.06.2026) Venue Belgrade Youth Center, in Serbian: Dom omladine Beograda (Address: Makedonska 22, Belgrade, Serbia)		
08:00-09:00 Registration of the participants		
09:00-10:45 Great Hall Integrated Plenary Session 4 INNOVATIVE BIOTECH & INDUSTRIAL APPLICATIONS [Synthetic Biology, Molecular Microbiology & Bioinformatics] Chairs: Ines Mandić Mulec & Ákos T. Kovács		
09:00-09:30 Ákos T. Kovács , The Netherlands - Understanding <i>Bacillus</i> ecology towards composing a symphony for the rhizosphere	09:35-10:05 Edoardo Pasoli , Italy - Strain-resolved metagenomics across human and food microbiomes	10:10-10:40 Ines Mandić Mulec , Slovenia - Lessons from microbial interactions for probiotic applications
09:00-10:45 Medium Hall "Amerikana" Integrated Plenary Session 5 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Microbiome Breakthrough] Chairs: Nedjeljko Karabasil & Urška Jamnikar Ciglencečki		
09:00-09:30 Andreja Rajković , Belgium - From genome to gut: Understanding <i>Bacillus cereus</i> virulence through toxins, adaptation, and host response	09:35-10:05 Aleksandra Martinović , Montenegro - Food is information: How the microbiome decodes nutrition?	10:10-10:40 Urška Jamnikar Ciglencečki , Slovenia - From farm to fork: Emerging viral threats to food safety
10:45-11:30 Coffee Break & Sponsor Exhibition visit		
10:45-11:30 Great Hall: Industrial Partner Session 2		
10:45-11:30 Club DOB hall Offered Flash Talks Session 2 Chair: Aleksandra Jelušić		
10:45-10:50 Ana Samardžić , Serbia - Pollution-associated shifts in the microbiome of <i>Chironomus riparius</i> larvae revealed by shotgun metagenomics 10:50-10:55 Kristina Kokotović , Serbia - Diversity of microbial communities in diesel-contaminated soils under phytoremediation: A plot-scale experiment 10:55-11:00 Magdalena Knežević , Serbia - <i>Bacillus velezensis</i> enhances nitrogen content and stress resilience in wheat 11:00-11:05 Roopa Patel , India - Comparative multi-response optimization and economic evaluation of microbial consortium-based integrated nutrient management in cherry tomato and broccoli 11:05-11:10 Ana Nikolovska , North Macedonia - Isolation and technological characterization of acetic acid bacteria from rose hip for enhanced vinegar production 11:10-11:15 Nikola Bajčetić , Serbia - From brewing by-product to probiotic carrier: Characterization of plasmolyzed spent yeast cells 11:15-11:20 Kristina Atlagić , Serbia - The antagonistic effect of native <i>Trichoderma</i> species against fungal plant pathogen <i>Fusarium graminearum</i> 11:20-11:25 Chandan Kumar , India - Next-generation microbiome interventions for enhancing health and yield of large cardamom in Sikkim 11:25-11:30 Allwin Mabes Raj Antoney Francis Paulraj , Slovenia - Kinetic arrest: A new concept for developing highly specific sensors		

<p>11:30-13:00 Great Hall In-Depth Symposia Session 9: ENVIRONMENTAL INNOVATIONS & SUSTAINABLE SOLUTIONS [Wastewater & Non-Clinical Microbiology: AMR Detection and Monitoring/Freshwater, Terrestrial & Extreme Environments Microbiology] Chairs: Jessica Subirats & Gergely Gergely Maróti</p>			
<p>11:30-11:50 Jessica Subirats, Spain - Which antibiotic resistance genes should we monitor in reclaimed water? A framework based on full-scale WWTP metagenomics</p>	<p>11:50-12:10 Gergely Maróti, Hungary - Functional resistomes within complex microbial communities in municipal wastewater treatment plants</p>	<p>12:10-12:30 Prateek Shetty, Hungary - Chlamydia: How cultivation strategies induce alternative algal states</p>	<p>12:30-12:40 Olukunle Silas Fagbenro, Nigeria (offered talk) - Integrated microbiological, genotoxic and oxidative stress assessment of contrasting lentic and lotic freshwater systems in a tropical university campus</p>
<p>11:30-13:00 Medium Hall “Amerikana” In-Depth Symposia Session 10 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Phage Therapy and Biomarkers] Chairs: Goran Vukotić & Nikita Zreløvs</p>			
<p>11:30-11:50 Goran Vukotić, Serbia - Spreading the word - Phage therapy, yesterday, today, and tomorrow</p>	<p>11:50-12:10 Hugo Alexandre Mendes de Oliveira, Portugal - Advancing personalized phage therapy in Portugal: Clinical implementation and rational phage cocktail development</p>	<p>12:10-12:30 Nikita Zreløvs, Latvia - Fundamental and applied <i>Caudoviricetes</i> bacteriophage research in Latvia</p>	<p>12:30-12:40 Mina Obradović, Serbia (offered talk) - Functional validation of a recombinant capsule depolymerase from a non-sequencable <i>Acinetobacter baumannii</i> bacteriophage ISTD</p>
<p>11:30-13:00 Club DOB Hall In-Depth Symposia Session 11 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Vaccines and Immunization Science] Chairs: Nataša Opavski & Alejandro Cabezas-Cruz</p>			
<p>11:30-11:50 Nataša Opavski, Serbia - Impact of PCV introduction on the evolution of pediatric pneumococcal serotypes and clones</p>	<p>11:50-12:10 Aleksandra Knežević, Serbia - Cervical HPV type specific prevalence in Serbia: vaccine-covered vs. non-vaccine-covered types</p>	<p>12:10-12:30 Alejandro Cabezas-Cruz, France - Antimicrobiota vaccines: Reprogramming vector microbiomes to block pathogen transmission</p>	<p>12:30-12:40 Miloš Petrović, Serbia (offered talk) - Optimization of UTR sequences for mRNA vaccines</p>
<p>13:00-14:00 Lunch Break</p>			

<p>14:00-15:30 Great Hall Panel Discussion Session 3 "Where intensive medicine and endoscopy meets clinical microbiology" FRONTIERS HEALTH & CLINICAL INNOVATIONS [Infection Prevention and Control, including Healthcare – Global Health/Dilemmas and Controversy] Moderator: Ivan Ranković</p>				
<p>Ivan Ranković, UK - Liver failure intensive care unit – points of clinical microbiology</p>	<p>Jovana Stanisavljević, Serbia - Infection or inflammation after cardiac surgery? Diagnostic pitfalls and antimicrobial decision-making in the ICU</p>	<p>Adi Hadžibegović, Serbia</p>	<p>Vladimir Milivojević, Serbia</p>	
<p>14:00-15:30 Medium Hall "Amerikana" Workshop Session "From microbiomes to biotechnology: New frontiers in sustainable crop production and protection" (part I) ENVIRONMENTAL INNOVATIONS & SUSTAINABLE SOLUTIONS/INNOVATIVE BIOTECH & INDUSTRIAL APPLICATIONS [Agricultural Systems Microbiology and Phytobiome Management/Biocontrol Agents & Biofertilizers: From Lab to Market] Chairs: Ivica Dimkić & Nejc Stopnisek</p>				
<p>14:00-14:25 Nejc Stopnisek, Slovenia - Rewilding the tomato holobiont: Microbiome assembly across domestication, ecology, and host genetics</p>	<p>14:30-14:45 Ivica Dimkić, Serbia - TERRA_MADRE: An overview of reshaping soil microbiota in Serbia</p>	<p>14:45-15:00 Ken-ichi Yoshida, Japan - <i>Bacillus velezensis</i> S141: a soybean growth-promoting rhizosphere bacterium</p>	<p>15:00-15:15 Giuliano Degrossi, Italy - Production and application of <i>Bacillus thuringiensis</i>-based products for sustainable insect pests control</p>	<p>15:15-15:25 Keming Yang, China (offered talk) - Probiotic phage steering of disease suppressive rhizosphere microbiomes</p>
<p>14:00-15:30 Club DOB Hall In-Depth Symposia Session 12 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Antimicrobials & Resistance/Miscellaneous] Chairs: Biljana Nikolić & Alexandra Nascutiu</p>				
<p>14:00-14:20 Biljana Nikolić, Serbia - Natural products and their nano-derivatives as biofilm-combating agents</p>	<p>14:20-14:40 Alexandra Nascutiu, Romania - Biobanking and public health strategies</p>	<p>14:40-15:00 Aleksandra Šmitran, Bosnia and Herzegovina - Comparative analysis of the gut microbiome composition between children with atopic dermatitis and their healthy siblings</p>	<p>15:00-15:10 Marija Pavlović, Serbia (offered talk) - Validation of real-time PCR for the detection of blaTEM antibiotic resistance gene in agricultural soil</p>	<p>15:10-15:20 Ljiljana Božić, Bosnia and Herzegovina (offered talk) - Detection of bacterial zoonotic pathogens in tonsil tissues from children and pets using PCR</p>
<p>15:30-16:15 Coffee Break & Sponsor Exhibition visit</p>				

<p>16:15-18:15 Great hall Panel Discussion Session 4 "When viruses turn malignant: Pathways to cancer" FRONTIERS HEALTH & CLINICAL INNOVATIONS [Clinical Virology] Moderator: Ana Banko</p>					
<p>Ana Banko, Serbia - Viral crosstalk in cancer: The oncogenic interplay between EBV and HPV across multiple tumor sites</p>		<p>Danijela Miljanović, Serbia - The oncogenic pathway of HPV: From infection to cancer</p>		<p>Anda Ćirković, Serbia - From association to causation: Evaluating levels of evidence linking EBV and HPV to human diseases</p>	
<p>16:15-18:15 Medium hall "Amerikana" Workshop Session "From microbiomes to biotechnology: New frontiers in sustainable crop production and protection" (part II) ENVIRONMENTAL INNOVATIONS & SUSTAINABLE SOLUTIONS/INNOVATIVE BIOTECH & INDUSTRIAL APPLICATIONS [Agricultural Systems Microbiology and Phytobiome Management/Biocontrol Agents & Biofertilizers: From Lab to Market] Chairs: Cristina Bez & Vlad Stoian</p>					
<p>16:15-16:35 Amitava Rakshit, India - From stress moderation to sustainability: Biopriming mediation in crop species</p>	<p>16:35-16:55 Cristina Bez, Italy - Beyond canonical quorum sensing: the hidden chemistry of LuxR solos in plant microbiomes</p>	<p>16:55-17:15 Vlad Stoian, Romania - Microbial fusion for a sustainable future: Practical scenarios for agriculture and environmental protection in Romania</p>	<p>17:15-17:35 Pramod Kumar, India - Microbiome-driven soil fertility and crop physiological performance in multilayer fruit-based land use systems under natural farming</p>	<p>17:35-17:50 Aleksandra Jelušić, Serbia - <i>Bacillus velezensis</i>: A natural shield against black rot of cabbage cv. Futoški</p>	<p>17:50-18:05 Milan Brankov, Serbia - Implications of indigenous arbuscular mycorrhizal fungi as an agroecological tool in weed management</p>
<p>19:00-23:00 Unforgettable night with live music in Panorama Hall of the Palace Hotel! Join us for engaging conversations and a celebration of outstanding Congress achievements</p>					

Day 4 (Saturday, 13.06.2026) Different Event Hall Venue Faculty of Civil Engineering (Address: Bulevar kralja Aleksandra 73, Belgrade, Serbia)				
10:00-15:00 Sponsors Exhibition 10:00-11:00 Ceremonial Hall of the Faculty of Civil Engineering Keynote Session 2 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Microbiome Breakthrough] <u>Introductory note: Dušan Kekić</u>				
10:00-10:45 Irena Paštar, USA - Decoding the dialogue between microbes and skin: Pathways to precision therapeutics				
11:00-11:30 Coffee Break with Light Snacks 11:30-13:15 Ceremonial Hall of the Faculty of Civil Engineering Integrated Plenary Session 6 INNOVATIVE BIOTECH & INDUSTRIAL APPLICATIONS [Industrial & Environmental Biotechnology/Synthetic Biology, Molecular Microbiology & Bioinformatics] <u>Chairs: Marc Ongena & Ken-ichi Yoshida</u>				
11:30-12:00 Marc Ongena, Belgium - Plant immune activation by bacterial lipopeptides	12:05-12:35 Ken-ichi Yoshida, Japan - Atypical catabolite repression of <i>Geobacillus kaustophilus</i> iol genes in the presence of ribose	12:40-13:10 Jianwei Chen, China - Systematic mining of bioactive enzymes and peptides from marine microbiomes		
11:30-13:15 Medium Hall of the Faculty of Civil Engineering In-Depth Symposia Session 13 FRONTIERS HEALTH & CLINICAL INNOVATIONS [Clinical & Public Health Microbiology/Diagnostics: Bacteriology, Public Health Microbiology, Veterinary Microbiology, and Parasitology] <u>Chairs: Dušan Kekić & Vladimir Milivojević</u>				
11:30-11:50 Vladimir Milivojević, Serbia - Escalating <i>Helicobacter pylori</i> Antibiotic Resistance: Insights from PCR Testing	11:55-12:15 Simona Grad, Romania - <i>Helicobacter pylori</i> in Romania	12:20-12:40 Dušan Kekić, Serbia		
13:30-15:15 Ceremonial Hall of the Faculty of Civil Engineering In-Depth Symposia Session 14 INNOVATIVE BIOTECH & INDUSTRIAL APPLICATIONS [Computational Genomics, Omics, Databases, Bioinformatics, Artificial Intelligence, and Modeling] <u>Chairs: João Pedro Saraiva & Alfonso Esposito</u>				
13:30-13:50 Alfonso Esposito, Italy - Integrating bioinformatics and experimental validation: Lessons from an in-vitro evolution study of colistin resistance in <i>Pseudomonas aeruginosa</i>	13:55-14:15 João Pedro Saraiva, Germany - Whole Genome Shotgun-assisted risk assessment of biocontrols	14:20-14:40 Daniel Julian, Spain -SequentiaHub: A cloud-native ecosystem for automated and reproducible multi-omics bioinformatics	14:45-14:55 Biljana Tanasković, Serbia (offered talk) - Analysis of the precision of bioinformatic protocols for processing 16S rRNA sequences	15:00-15:10 Stefan Hristov, Germany (offered talk) - ForceYield2: Validating AI-Assisted Protein Design With In Vivo Selection

13:30-15:15 Medium Hall of the Faculty of Civil Engineering

In-Depth Symposia Session 15 "Emerging microfungi: pathogenesis, resistance and treatment" FRONTIERS HEALTH & CLINICAL INNOVATIONS [Clinical & Public Health Microbiology/ Host-Pathogen Interactions and Microbial Pathogenesis in Human and Animal Systems]

Chairs: Marina Soković & Aleksandra Barać

13:30-13:50 Sameh Soliman, UAE - Metabo- phenotypic precision model for <i>C. auris</i> infection and target therapy	13:55-14:15 Aleksandra Barać, Serbia - The Role of the lung microbiota in the development of pulmonary Aspergillosis: From symbiosis to infection	14:20-14:40 Marija Ivanov, Serbia - Impact of natural products on virulence and antifungal resistance of <i>Candida albicans</i>	14:45-14:55 Tamara Carević Milićević, Serbia (offered talk) - Targeting <i>Candida</i> <i>infections:</i> Antimicrobial activity of selected polyphenols	15:00-15:10 Marina Kostić, Serbia (offered talk) - Natural products targeting microfungal melanin and virulence
--	---	--	--	---

15:30 Ceremonial Hall of the Faculty of Civil Engineering
Closing Discussion by organizers & FEMS delegates