

THURSDAY 30 June				
10:00-12:00 Parallel sessions	SESSION 1 - Emerging Infections (fungal, bacterial, parasitic) Chairpersons: <i>Ana Kaftandzieva, North Macedonia</i> <i>Alexandra Nascuti, Romania</i>		SESSION 2 - Food Microbiology Chairpersons: <i>Peter Raspor, Slovenia</i> <i>Dragoslava Radin, Serbia</i>	
	<i>Maja Stanojević, Serbia</i>	Emerging arboviral infections in the Balkans	<i>Peter Raspor, Slovenia</i>	Education and training in food microbiology: What to do next?
	<i>Tomasz Jagielski, Poland</i>	Molecular epidemiology and drug resistance of tuberculosis in the Eastern border of the EU: a Polish-Lithuanian study	<i>Sonja Smole Mozina, Slovenia</i>	Biocontrol of <i>Campylobacter jejuni</i> - cell-to-cell signalling inhibition and inter-species interaction as options
	<i>Andrea Radalj, Serbia</i>	Detection and characterization of viruses circulating in wildlife populations in the Republic of Serbia	<i>Angel Angelov, Bulgaria</i>	Antimicrobial properties of <i>Lactiplantibacillus plantarum</i> strains isolated from typical homemade sourdoughs from Rhodope region
	TBA	TBA	<i>George Nychas, Greece</i>	Multispectral Imaging for Estimating the Microbiological Quality of Chicken Fillets Stored Under Different Packaging Conditions
	TBA	TBA	TBA	TBA
14:00-16:00 Parallel sessions	SESSION 3 - Antimicrobial Resistance – Challenges and Perspectives Chairperson: <i>Dejan Baskić, Serbia</i>		SESSION 4 - Plant Microbiology Chairpersons: <i>Ivica Dimkić, Serbia</i> <i>Konstantinos Kormas, Greece</i>	
	<i>Francesca Saluzzo, Italy</i>	New trends in antibiotic resistance	<i>Kalliope Papadopoulou, Greece</i>	RNA-mediated signalling of a fungal endophyte upon colonization of its host plant
	<i>Edit Szekely, Romania</i>	A decade with carbapenemase-producing Enterobacterales - experiences from Romanian hospitals	<i>Ivica Dimkić, Serbia</i>	Beneficial Microorganisms in Agriculture - New generation of biological control agents and biofertilizers for sustainable agriculture
	<i>Andriy Sibirny, Ukraine</i>	Development of the SARS-CoV-2 vaccine based on the yeast cells with surface displayed RBD fragment of coronavirus spike protein	<i>Aleksa Obradovic, Serbia</i>	Challenges in crop use of bacteriophages
	<i>Svetlana Ugarcina Perovic, China</i>	Challenges in metagenomic annotation of antibiotic resistome	<i>Jelena Zindovic, Montenegro</i>	Molecular characterization of Citrus tristeza virus in Montenegro
	<i>Laura Brülisauer, Switzerland</i>	Clinical Antibiotic Resistance Plasmids Affect Biofilm Formation Depending on Bacterial Host Genetic Background	<i>Marie Legein, Belgium</i>	Phyllosphere bacterial communities in greenhouses ecosystems and the impact of bumblebees and predatory mites
17:10-18:10	PLENARY TALK 1 - Surprises in science - lessons from COVID-19 <i>Ivan Djikic, Croatia/Germany</i>			

FRIDAY 1 July				
09:00-09:45	PLENARY TALK 2 - Programmable RNA antibiotics for health, disease, and ecology <i>Jörg Vogel, Germany</i>			
10:00-12:00 Parallel sessions	SESSION 5 - Trends in prevention and control of Emerging and Re-emerging Infections (Vaccines and other Strategies) Chairpersons: <i>Daniela Marchetti, Italy</i> <i>Ivana Dakić, Serbia</i>		SESSION 6 - Environmental Microbiology Chairpersons: <i>Hilary Lappin-Scott, United Kingdom</i> <i>Jaak Truu, Estonia</i>	
	<i>Matthew Jenner, United Kingdom</i>	Bioprospecting for new antimicrobials and understanding the chemistry behind their production	<i>Maja Ravnikar, Slovenia</i>	Environmental epidemiology
	<i>Livia Leoni, Italy</i>	Novel therapeutic approaches for microbial infections	<i>Jaak Truu, Estonia</i>	Application of machine learning methods for microbiome data analysis- current trends and challenges
	<i>Igor Mokrousov, Russian Federation</i>	Highly drug-resistant and hypervirulent Mycobacterium tuberculosis strains emerging in Russia: phylogenomics and pathobiology	<i>Shari Wouters, Belgium</i>	FMT as a promising therapeutic to remediate radiation-induced intestinal dysbiosis and colonic alterations in a CRC mouse model
	<i>Miriam Latorre-Millán, Spain</i>	Variation of vaccine-mediated SARS-CoV2 immunity in a cohort of health care workers	<i>Hans-Peter Grossart, Germany</i>	Interaction traits of aquatic microbes
	TBA	TBA	<i>Antonio Ventosa, Spain</i>	Insights into procaryotic diversity in hypersaline soils
14:00-16:00 Parallel sessions	SESSION 7 - Advanced Microbiology Techniques, Microbiomes and Microbiota Chairpersons: <i>Jelena Begović, Serbia</i> <i>Özgür Kurt, Turkey</i>		SESSION 8 - Biotechnology and Industrial Microbiology Chairpersons: <i>Ken Ichi Yoshida, Japan</i> <i>Sinisa Markov, Serbia</i>	
	<i>Rune Stensvold, Denmark</i>	Metabarcoding of ribosomal genes for diagnosis and research	<i>Jan Maarten van Dijk, the Netherlands</i>	Engineering of Bacillus cell factories for recombit protein production
	<i>Nathalie Sauvonnet, France</i>	Host-microbe interactions	<i>Ken Ichi Yoshida, Japan</i>	Bacillus subtilis cell factories for production of value-added chemicals
	<i>Dejan Vidanović, Serbia</i>	A new generation of sequencing (NSG) in clinical microbiology	<i>Evangelos Topakas, Greece</i>	Towards the enzymatic breakdown of recalcitrant xylan: the role of GH30 xylobiohydrolases
	<i>Ener Cagri Dinleyici, Turkey</i>	Human Milk Microbiota Composition and Related Factors	<i>Pavel Dvořák, Czech Republic</i>	Engineering of Pseudomonas putida for fast co-utilization of glucose and cellobiose yields aerobic overproduction of pyruvate
	<i>Lesley Hoyles, United Kingdom</i>	Microbiota-associated metabolites and their interactions with the gut-brain axis	<i>Miomir Nikšić, Serbia</i>	Type of cultivation of medicinal mushrooms and their biological potential in production of biologically active compounds
			TBA	TBA
16:00-18:00 Poster Sessions	Session 1 – Screen A 24 presentations á 5 minutes	Session 2 – Screen B 24 presentations á 5 minutes	Session 3 – Screen C 24 presentations á 5 minutes	

SATURDAY 2 July

09:00-09:45	PLENARY TALK 3 - The Evolution and Ecology of Bacterial Warfare <i>Elisa Granato, United Kingdom</i>			
10:00-12:00 Parallel sessions	SESSION 9 - Supported Research Projects and Impact of FEMS Grants on Professional Development and Outreach of ECS Chairpersons: <i>Vaso Taleski, North Macedonia</i> <i>Jozef Anné, Belgium</i>		SESSION 10 – Miscellaneous Chairperson: <i>Gordana Mijović, Montenegro</i>	
	<i>Behnaz Nowrouzi, United Kingdom</i>	Synthetic and Systems Biology Approaches for Improve Taxol Precursors Production in <i>Saccharomyces cerevisiae</i>	<i>TBA</i>	TBA
	<i>Isidro García-Meniño, Germany</i>	Investigation of multidrug-resistance plasmids and their genetic relationship from Spanish <i>K. pneumoniae</i> of UTI and retail meat	<i>Vittorio Venturi, Italy</i>	Cell-cell signaling among bacteria in the microbiome
	<i>Klara Filek, Croatia</i>	Multi-domain investigations of microbial communities associated with loggerhead sea turtles		
	<i>Anastasia Christinaki, Greece</i>	<i>Malassezia</i> comparative mitochondrial genomics towards sensitive diagnostics tools	<i>Bojan Adžić, Montenegro</i>	Viral diseases in animals
	<i>Olha Maslovska, Ukraine</i>	Immobilization of cells of photosynthetic bacteria <i>Rhodospseudomonas yavorovii</i> for optimization of biologically valuable compound		
	<i>Eldin Kurpejovic, Turkey</i>	Genome-wide mutation analysis of the L-Tyrosine overproducer <i>Corynebacterium glutamicum</i> ATCC 21573	<i>Mikhail Gelfand, Russian Federation</i>	Evolution of bacterial genomes
	<i>Zofia Bakula, Poland</i>	Detection of the multidrug-resistant phenotype in <i>Mycobacterium tuberculosis</i> by molecular assays –a Polish-Lithuanian experience		
	<i>Miroslav Caboň, Slovakia</i>	Soil microbial community changes along elevational gradient in beech forests of Central Slovakia	<i>Astrid Paulitsch-Fuchs, Austria</i>	Cobalt-chromium-molybdenum implant surface modifications related biofilm development of <i>S. aureus</i> and <i>S. epidermidis</i>
	<i>Ricardo León-Sampedro, Switzerland</i>	Pervasive transmission of a carbapenem resistance plasmid in the gut microbiota of hospitalized patients		
	<i>Caroline Poyntner, Austria</i>	Effects of season and elevation on soil (micro-)biome structure and function of two contrasting Alpine forest sites	<i>TBA</i>	TBA
	<i>Dhirendra Kumar Singh, Sweden</i>	Role of <i>Candida parapsilosis</i> secreted aspartic proteases in Vulvovaginal candidiasis (VVC)	<i>Kostas Konstantinidis, United States</i>	Efficiently Searching and Taxonomic Identification of the Genomic Prokaryotic Diversity with the Microbial Genomes Atlas (MiGA 1
	<i>Filippo Vascon, Italy</i>	Nanobody-Based Inhibitors of The SOS Response as Potential Suppressors of Antimicrobial Resistance		
<i>Sandra Godinho Silva, Portugal</i>	Big Data meets Natural Products discovery: mining thousands of bacterial genomes to identify novel sources of drug leads			

14:30-17:00	ROUND TABLE SESSION - One Health Paradigm: COVID 19 - Lessons learned		
	Moderator: <i>Antonio Ventosa, Spain</i> Panelists: Aleksandra Knežević, Serbia, Mateja Logar, Slovenia, Stipan Jonjić Rijeka, Croatia, Dimitrios Paraskevis, Greece Alessandro Marcello, Italy		
17:00-19:00 Oral Poster Sessions	Session 4 – Screen A 24 presentations á 5 minutes	Session 5 – Screen B 24 presentations á 5 minutes	Session 6 – Screen C 24 presentations á 5 minutes

Overview of Oral Poster presentations

Topics

- Advanced Microbiology Techniques
- Antimicrobial Infections
- Biotechnology and Industrial Microbiology
- Emerging Infections (Fungal, Bacterial, Viral, Parasitic)
- FEMS-Supported Projects
- Environmental Microbiology
- Food Microbiology
- Miscellaneous
- Plant Microbiology

Title	Presenter	Affiliation	Country
Modelling the deactivation of Escherichia coli in Nigerian soils amended with differently treated manures	Chukwu, Vince	University of Aberdeen	United Kingdom
Development of a Machine Learning Model to Assess the Pathogenic Potential of Shiga Toxin-producing Escherichia coli	Choi, Sang Ho	Seoul National University	Korea, Republic of
Salvaging enables stable metabolite provisioning among bacteria	Gude, Sebastian	University of California, Berkeley	United States
Random Peptide Mixtures as Safe and Effective Antimicrobials in Mouse Models of Bacteremia and Pneumonia	Zvi, Hayouka	The Hebrew University	Israel
In-depth insights into cervicovaginal microbial communities and hrHPV infections using high-resolution microbiome profiling	Molina Beitia, Mariano Agustin	Radboud University Medical Center	Netherlands
Antagonism as a foraging strategy in microbial communities	Dsouza, Glen	ETH Zurich	Switzerland
Searching for microorganisms as life signals for planetary missions	Li, Yongda	Dublin City University	Ireland

Microbes in the gut of triatomine bugs can negatively affect the growth of <i>Trypanosoma cruzi</i> .	Cambroneró-Heinrichs, Juan Carlos	University of Padova	Costa Rica
Slight effect in reducing the risk of SARS-CoV-2 transmission by oral antiseptics	Ferrer García, María Desamparados	Foundation for the Promotion of Health and Biomedical Research of the Valencian Region (FISABIO)	Spain
Weathering the Storm: Antibiotic Resistance and Faecal Pollution in an Urban Stream Catchment	Reynolds, Liam	University College Dublin	Ireland
All Creatures Great and Small: Quantifying Biological Sources of Faecal Pollution in Irish Bathing Water	Martin, Niamh	Microbiology Society of BIH	Ireland
Assessment of the effect of temperature on the attachment of <i>Escherichia coli</i> O104:H4 to the cress plant	Samut, Hilal	Middle East Technical University	Turkey
Mechanisms of global epistasis and the predictability of evolution in microbial metabolism	Bajic, Djordje	Microbial Sciences Institute, Yale University	United States
Characterization of <i>Limosilactobacillus fermentum</i> MC1, the exopolysaccharide-producing strain of human milk microbiota	Čuljak, Nina	Faculty Of Food Technology And Biotechnology, University Of Zagreb	Croatia
Potential of <i>Candida albicans</i> to develop resistance to <i>Neosartorya fischeri</i> antifungal protein 2 and its peptide-derivative	Bende, Gábor	University Of Szeged, Faculty Of Science And Informatics, Department Of Biotechnology	Hungary
Contribution of lactic acid bacteria and bifidobacteria to antimicrobial resistance in the agro-food chain	Rozman, Vita	University of Ljubljana	Slovenia
Natural phenolics as anti-yeast substances: effects on growth and biofilm formation of food spoilage yeasts	Gitura, Bernard	University Of Szeged, Faculty Of Science And Informatics, Department Of Microbiology	Hungary
Impact of heavy metals on soil bacterial community structure in gold-copper mining activity area in Bulgaria	Radeva, Galina		Bulgaria

Evaluation of the ability of <i>C. acnes</i> strains to trigger acute inflammation in bone and joint infection context	THORAVAl, Léa	University Of Reims Champagne Ardenne	France
Multiple energy sources and metabolic strategies sustain microbial diversity in Antarctic desert soils	Leung, Pok Man	Monash University	Australia
Engineering the microbiome by soil transplantation: Transforming conducive soil to disease suppressive one	Sharma, Shilpi	Indian Institute Of Technology Delhi	India
Antibacterial, Antioxidant and Antidiabetic assay of Endophytic Fungi <i>Neopestalotiopsis clavisporea</i> from <i>Commelina benghalensis</i>	M, Jayashankar	Mangalore University	India
Application of a free modelling tool to evaluate the effectiveness of an UV-LED device to inactivate <i>Campylobacter jejuni</i>	Blazquez Soro, Arturo	Teagasc Food Research Centre	Ireland
The tongue biofilm metatranscriptome identifies metabolic pathways associated with halitosis and its prevention	Carda Diéguez, Miguel	Foundation for the Promotion of Health and Biomedical Research of the Valencian Region (FISABIO)	Spain
Dynamics of microbial assemblages associated with marine macrophyte surfaces	Korlević, Marino	Center For Marine Research, Ruđer Bošković Institute	Croatia
Growth-acceleration of <i>Haematococcus lacustris</i> by indigenous key-role bacteria identified from the algal phycosphere	Lee, Sang-Ah	Kist-europe	Germany
Comparative in vitro evaluation of genotoxic potential of the Danube River water extracts in prokaryotic and eukaryotic assays	Stoimir, Kolarevic	Institute For Biological Research Sinisa Stankovic - National Institute Of Republic Of Serbia	Serbia
Development of a combined therapy to combat infections caused by multi resistant <i>Acinetobacter baumannii</i> strains	Corral Lugo, Andres	The National Centre Of Microbiology (cnm)	Spain
Diversity and evolution of deep subsurface microorganisms illuminated by metagenomics	Ravin, Nikolai	Research Center Of Biotechnology Of The Russian Academy Of Sciences	Russian Federation

OmpC porins of Salmonella enterica and Escherichia coli possess amyloid-forming properties	Belousov, Mikhail	All-Russia Research Institute For Agricultural Microbiology	Russian Federation
Random antimicrobial peptides: an alternative solution for resistant bacterial infections	Antunes, Bernardo	Hebrew University of Jerusalem	Israel
Comparison of acids accumulation and acetoin production by lactic acid bacteria in rye and buckwheat sourdoughs	Lipova, Inna	Zabolotny Institute Of Microbiology And Virology	Ukraine
Isolation and identification of novel non-dairy starter cultures candidates from backslopped plant matrix	Viirma, Maret		Estonia
Monitoring the presence of cyanobacteria in water based on the influences of nutrients to the growth of bacteria	Pham, Mai Lan	Donau University Krems	Austria
Pink snow mold causal agents: diversity and virulence	Meshcherov, Azat	Kazan Institute Of Biochemistry And Biophysics, Federal Research Center	Russian Federation
IntegronFinder 2.0: identification and analysis of integrons across bacteria	Littner, Eloi	Institut Pasteur	France
Dynamics and selection of extremely halophilic microbial communities submitted to cyclic osmotic disturbances	Bustos-Caparrros, Esteban	Marine Microbiology Group, Department Of Animal And Microbial Biodiversity, Imedeia (csic-uib)	Spain
Involvement of intestinal inflammation and the microbiota in the preservation of Salmonella virulence	Gül, Ersin	ETH Zurich	Switzerland
Structure and functions of the Svx protein, the virulence factor of Pectobacterium atrosepticum	Tendiuk, Natalia	Kazan Institute Of Biochemistry And Biophysics, Federal Research Center	Russian Federation
Vibrio vulnificus T6SS exhibits anti-eukaryotic effect but not anti-bacterial properties and contributes to virulence	Hernandez, Carla	University Of Valencia	Spain
Fir (Abies alba Mill.) honeydew honey and Lactiplantibacillus plantarum—a successful combination against Salmonella enterica ser	Mežnarić, Silvestar	University Of Rijeka	Croatia

Evolution from icosahedral to amphora shaped giant virions revealed by CRISPR/Cas9	Bisio, Hugo	IGS UMR7256 CNRS-AMU	France
Soil microbial responses to long-term warming experiments in alpine <i>Dryas octopetala</i> heath	D'Alò, Federica	University Of Tuscia	Italy
Effect of mutations of valine 57 of ribosomal protein S10 on antibiotic resistance, translation and ribosomal biogenesis	Zarfel, Gernot	Medical University Of Graz	Austria
<i>Bacillus subtilis</i> inhibition of <i>Salmonella</i> Typhimurium in mixed species biofilms is bacillaene depended	Podnar, Eli	University of Ljubljana	Slovenia
Spatiotemporal study along the Meuse river reveals significant differences between particle attached and free living bacteria	Barberoux, Valentin	Université Libre De Bruxelles	Belgium
Inferring environmental drivers of COVID-19 severity by machine learning	Markovic, Sofija	University of Belgrade - Faculty of Biology	Serbia
Zebrafish as a model host for <i>Serratia marcescens</i> infection	Pavic, Aleksandar	Institute Of Molecular Genetics And Genetic Engineering, University Of Belgrade	Serbia
Hydrogen production during glucose and formate utilization in osmotic stressed cells of <i>Escherichia coli</i> at alkaline pH	Babayan, Anush	Yerevan State University	Armenia
<i>Lactococcus lactis</i> Phages Diversity in Dairy And Non-dairy Environments in Belarus	Herasimovich, Aliaksandra	Institute of Microbiology of the National Academy of Sciences of Belarus	Belarus
Correlation between gut microbiota composition and short-chain fatty acid (SCFA) levels in Diarrheogenic <i>E. coli</i> infections	Farfan, Mauricio	Universidad De Chile	Chile
ASSESING VIRULENCE POTENTIAL OF ACINETOBACTER BAUMANNII ISOLATES RECOVERED FROM COVID-19 PATIENTS	Filipić, Brankica	Faculty Of Pharmacy, University Of Belgrade	Serbia
Genomic and in silico Structural Characterization of Dobrava-Belgrade orthohantavirus Isolate from European Side of Turkey	Erdin, Mert	University of Helsinki	Finland
Gene targeting efficiency in non-conventional yeasts	Štafa, Anamarija	Faculty Of Food Technology And Biotechnology,	Croatia

		University Of Zagreb	
Structural characterization of a bacterial antibody-degrading system	Nottelet, Pierre	University Of Bordeaux	France
Swine-adapted Salmonella serovars undergo extensive mutations in Salmonella Pathogenicity Island 1 in their adaptation to swine	Tambassi, Martina		Italy
Hydrogen-oxidizing Hydrogenases activity of Ralstonia eutropha H16 during bacterial growth in organic waste materials	Iskandaryan, Meri	Yerevan State University	Armenia
Unraveling the bacterial epigenome and its influence on gene transfer and transcriptional control	Fagorzi, Camilla	University of Florence	Italy
A Novel Microbiota Based Strategy for Antibiotic Selection	Tetz, George	Human Microbiology Institute	United States
Glycerol and Limosilactobacillus reuteri supplementation inhibits AMR strains during in vitro human fermentations	Greppi, Anna	ETH Zurich	Switzerland
Founding the Metaproteomics Initiative, driven by the first multi-lab benchmark effort in the field	Van Den Bossche, Tim	Ghent University	Belgium
An integrative, genomic- and transcriptomic-driven census of Salmonella small proteins to find new regulators of virulence	Venturini, Elisa	Julius-Maximilians-Universität of Würzburg	Germany
Estimating parameter values, analyzing the role, and identifying predictors of the SARS-CoV-2 inherent transmissibility	Rodic, Andjela	Quantitative Biology Group, Faculty Of Biology, University Of Belgrade	Serbia
Performance of Pseudomonas putida KT2440 as microbial chassis for phosphonate compounds's degradation	Masotti, Fiorella		Argentina
Precision Metagenomics Vs. Shotgun Metagenomics for Common Gram-Negative and Gram-Positive Uropathogens	Rossen, John		Netherlands
The effect of cadmium on the N ₂ O reduction potential of model marine bacteria	Pizarro, Leonor	Interdisciplinary Center Of Marine And Environmental Research (ciimar)	Portugal

Characterisations and applications of three novel broad host range specific polyvalent lytic Shigella phages Sfin-1, Sfin-2 and	Giri, Nabanita	Acharya Prafulla Chandra College	India
Naturally existing mycorrhizal-bacterial associations and their functional behavior	Pandit, Aditi	Teri Deakin Nanobiotechnology Centre	India
Comparative genomics of Vibrio harveyi strains from marine aquaculture	Triga, Adriana	Hellenic Centre For Marine Research, Institute Of Marine Biology, Biotechnology And Aquaculture	Greece
Whole genome analysis reveals the major pathotypes and predominant antimicrobial resistance genes in E. coli clinical isolates	Kaur, Punit	All India Institute Of Medical Sciences, New Delhi	India
Monitoring non-wild Type Antibiotic resistant Enterobacteriaceae in the River Danube: a Six-Year-Comparison	Koller, Michael		Austria
Comparison of The Lytic Activity of Various Phage Cocktails against Escherichia coli Isolates Carrying Antibiotic Resistant Gene	USKUDAR GUCLU, Aylin	Baskent University Medical Faculty Department Of Medical Microbiology	Turkey
How to go from a three-month stay to a radical scientific change	Sánchez-Parra, Beatriz	University of Graz	Austria
Understanding and exploiting the impacts of low pH on micro-organisms: a COST Action	Djukić-Vuković, Aleksandra	University Of Belgrade, Faculty Of Technology And Metallurgy, Dpt. Of Biochemical Engineering And Biotechnology	Serbia
Microbial adaptation to global warming: the model system Pseudoalteromonas haloplanktis TAC125	Perrin, Elena	University of Florence	Italy
Investigation of wine yeast strains using multi-omics approaches	Mardanov, Andrey	Research Center Of Biotechnology Of The Russian Academy Of Sciences	Russian Federation
Plastics in aquatic ecosystems: a new route for trafficking multidrug-resistant bacteria?	Ferheen, Ifra		Italy

conAn, a novel processive antitermination system that regulates the expression of conjugation genes in many Gram+ plasmids	Miguel-Arribas, Andrés	Autonomous University of Madrid	Spain
The development of non-dairy beverage based on black cumin (<i>Nigella sativa</i>) press cake fermented with yogurt culture	Droźłowska, Emilia	West Pomeranian University of Technology in Szczecin	Poland
How wastewater bacteria learn to feed on previously persistent xenobiotics – the case of acesulfame K	Bonatelli, Maria	Helmholtz Centre for Environmental Research	Germany
The SeqCode Registry: A web application to automate and assist the validation of taxon name proposals for all prokaryotes	Rodriguez Rojas, Luis Miguel	University of Innsbruck	Austria
Autotrophic microbes able to produce high-priced ectoines from CO ₂ : a step further towards circular economy	Cantera, Sara	Wageningen University & Research	Netherlands
Detection of SARS-CoV-2 virus using four different commercial kits without RNA extraction	Vuksan, Anja	Directorate For National Reference Laboratories	Serbia
Unveiling the function and regulation of tryptamine, a gut microbiota-derived neuroactive molecule	Pugin, Benoit	ETH Zurich	Switzerland
Ebselen-based inhibitors of urease affect the viability of <i>Cryptococcus neoformans</i> and <i>Helicobacter pylori</i>	Tabor, Wojciech	Department Of Bioorganic Chemistry, Wrocław University Of Science And Technology	Poland
Occurrence of potential indicator genes of antimicrobial resistance contamination in the North Sea and English Channel seawaters	Bourdonnais, Erwan	Anses	France
Bacterial microreactors with a reinforced inner wall based on clay nanoparticles	Konnova, Svetlana	Bionanotechnology Lab., Institute Of Fundamental Medicine And Biology, Kazan (volga Region) Federal University	Russian Federation
The phytobiome of the medicinal plant <i>Origanum vulgare</i> : linking the bacterial endophytic communities to the essential oil	Semenzato, Giulia	University of Florence	Italy
Microbial colonisation of plastic through water transition systems	Tulloch, Constance	Bangor University	United Kingdom

A q-PCR based revelation of the predominant non-pertussis Bordetella species in suspected pertussis infection	Chakraborty, Surajit	Post Graduate Institute Of Medical Education And Research	India
A quantitative study concept for investigating the spread of antibiotic resistance in the river water environment	Leopold, Melanie		Austria
EFFICIENCY OF COMMERCIAL DISINFECTANTS AGAINST MIXED BACTERIAL AND VIRAL CONTAMINANTS ON FOOD-CONTACT SURFACES	Radin, Dragoslava	University Of Belgrade, Faculty Of Agriculture	Serbia
Faecal pollution as potential driver of antibiotic resistance genes in the Danube River	Schachner, Iris		Austria
Phosphonates of the phytopathogen Pectobacterium atrosepticum: identification, molecular structure and regulation of the product	Parfirova, Olga	Kazan Institute Of Biochemistry And Biophysics, Frc Kazan Scientific Center Of Ras	Russian Federation
The robustness of bacterial core metabolism to growth at different temperatures	Riccardi, Christopher	University of Florence	Italy
Optimising wastewater processing methods for detection of SARS-CoV-2 in Northern Ireland	Bell, Stephen	Queen\'s University Belfast	United Kingdom
Adaptation and manipulation of plant-microbial interactions to enhance acid mine drainage bioremediation within natural wetlands	Pittman, Jon	University of Manchester	United Kingdom
The SeqCode: a proposed nomenclatural code for uncultivated prokaryotes with DNA sequences as type	Whitman, William	University Of Georgia	United States
Management of Carbapenem-Resistant Enterobacteriaceae Bacteremia in The Patient with Hematological Malignancies	Alhan Güncü, Özlem	Marmara University	Turkey
Nitrification in Coastal Sediments Driven by a Low-Abundance High-Activity AOB Cluster	Cholet, Fabien	University Of Glasgow	United Kingdom
Towards the bacterial biocontrol of weed moulds in mushroom cultivation	Varga, András	University Of Szeged, Faculty Of Science And Informatics, Department Of Microbiology	Hungary
The diagnostic role of opsonic activity in Acinetobacter baumannii Ventilator-Associated Pneumonia	Karakullukçu, Asiye	Istanbul Gelişim University, Department Of Health Science	Turkey

Faecal Pollution and Antibiotic Resistance in the Danube River: Visions, Concepts and Lessons Learned from Joint Danube Surveys	Kirschner, Alexander	Medical University Of Vienna	Austria
Isolation of fungal strains and secreted enzymes for producing biofuels from microalgal biomass	Pittman, Jon	University of Manchester	United Kingdom
IMPACT OF EARLY LIFE ANTIBIOTIC EXPOSURE AND DELIVERY MODE ON INFANT MICROBIOME	Patangia, Dhriti	APC Microbiome Ireland	Ireland
LEGO Microbes: The colloid biology approach to building a microbial community for successful remediation of the environment	Lapanje, Ales	Jozef Stefan Institute	Slovenia
Enhanced in situ oil biodegradation at deep as compared to shallow water depth in a Greenlandic fjord.	Kampouris, Ioannis	Aarhus University	Denmark
Reintegrating environmental information into species-level OTU delimitations	Malfertheiner, Lukas	University of Zurich	Switzerland
Single-cell resolution of target regulation by peptide nucleic acids	Durica-Mitic, Svetlana	Institute for Molecular Infection Biology, University of Würzburg	Germany
The Temporal Development of the Atmospheric Microbiome in the High Arctic and How It Links to Weather Patterns and Available Sources	Jensen, Lasse	Aarhus University	Denmark
Genome-resolved metagenomics of oil-degrading microbial consortia in Arctic marine environment	Peeb, Angela	University of Tartu	Estonia
The valorization of whey-based side-streams for microbial biomass, hydrogen and hydrogenase enzyme production	Poladyan, Anna	Yerevan State University	Armenia
Isolation of oil degrading bacterial consortia by random electrostatic aggregation of cells using microfluidic approach	Zugan, Maja	Jozef Stefan Institute	Slovenia
Does the <i>Alcanivorax</i> genus play an active role in marine plastic degradation?	Van Landuyt, Josefien	Ghent University	Belgium
Generation of diverse spike variants of SARS-CoV-2 and to elucidate the role of these mutations in viral pathogenesis	Joseph, Jeswin	Indian Institute Of Science Research And Education, Thiruvananthapuram	India
Microbiological transformation of paper production waste	Rijavec, Tomaž	Jozef Stefan Institute	Slovenia

ANTIMICROBIAL ACTIVITY OF SYNTHETIC FLAVONOIDS AGAINST MULTIDRUG RESISTANT BACTERIA	Moldovan, Cristina-Veronica	Alexandru Ioan Cuza University Of Iasi	Romania
Spatiotemporal dynamics of eukaryotic communities in a dimictic freshwater lake.	Karlicki, Michał		Poland
Monitoring the fate of sulfonamide resistance genes and the mobile genetic element intI1 in a waste water impacted river stream	Haenelt, Sarah	Helmholtz Centre for Environmental Research	Germany
Are Arctic Ocean microbiomes fat? Metabolism of storage lipids in the microbiomes of the Arctic Ocean	Grevesse, Thomas	Concordia University	Canada
The minor Hcp proteins from the T6SS of <i>Bacteroides fragilis</i> form hierarchical interactions	Cisneros, David A.	Umeå University	Sweden
Riboflavin-overproducing <i>Limosilactobacillus reuteri</i> with probiotic properties for biofortification of fermented foods	Ahannach, Sarah	University of Antwerp	Belgium
Cross-linked agarose-gelatin macro-beads as a promising substrate to study bacterial biofilms	Herzog, A.-Maren	Free University of Berlin	Germany
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