

2nd Edition of Euro-Global Conference on

BIOTECHNOLOGY AND BIOENGINEERING

13-14

JUNE 2022



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DAY 01

MONDAY, JUNE 13

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30 - 10:00		AV Check
10:00 - 10:10		Introduction
10:10-10:50	12:10-12:50	Dario Puppi, University of Pisa, Italy Title: Additive manufacturing of microbial polyesters for bone tissue engineering
10:50-11:30	11:50-12:30	Alexandra Peregrina Lavin, NOVA University of Lisbon, Portugal Title: Post-transcriptional control in the regulation of polyhydroxyalkanoates synthesis
11:30-12:10	08:30-09:10	Cristiano Jose de Andrade, Federal University of Santa Catarina (UFSC), Brazil Title: Effect of hydrophobic inducers on the production of biosurfactants

ORAL PRESENTATIONS

12:10-12:30	20:10-20:30	Wu Beilei, Chinese Academy of Agricultural sciences, China Title: Exploration of mycoviruses from trichoderma spp. In China
12:30-12:50	14:30-14:50	Simona Braccini, University of Pisa, Italy Title: Chitosan-based polyelectrolyte complex hydrogels by additive manufacturing for 3D in vitro cancer modelling
12:50-13:10	14:50-15:10	Francesco Secundo, "Giulio Natta" Institute of Chemical Sciences and Technologies, Italy Title: Augmented whole-cell biotransformation of the toxic 3-chloropropiophenone into 1-phenyl-1-propanone by microalgae Chlorella emersonii immobilized in hydrogel
13:10-13:30	09:10-09:30	Biyue Zhu, Massachusetts general hospital, USA Title: Differentiating Alpha beta 40 and Alpha beta 42 in amyloid plaques with a small molecule fluorescence probe
13:30-13:50	09:30-09:50	Belen Cortes Llanos, Duke University, USA Title: Embedded-microstructures arrays for single-cell sorting and collecting of lymphocytes following HIV latency reactivation
13:50-14:10	08:50-09:10	Daniel Felipe Bohorquez Vargas, University of La Sabana, Colombia Title: Portable system for the acquisition and processing of electrocardiographic signals to obtain different metrics of heart rate variability
14:10-14:30	19:40-20:00	Poonam kumari, National Institute of Pharmaceutical Education & Research (NIPER), India Title: Surfaces modification with antimicrobial peptides using sortase A enzyme

14:30-14:50	20:00-20:20	Sayan Bhattacharyya, AIH&PH, India Title: Evaluation of 3 different disinfectants to decontaminate face masks
14:50-15:10	20:20-20:40	Shyamapada Mandal, Department of Zoology, University of Gour Banga, India Title: In silico studies support the anti-scrub typhus activity of the bioactive phytocompounds andrographolide and withanolide D
15:10-15:30	20:40-21:00	Deepak Kumar, Postgraduate Institute of Medical Education and Research, India Title: Pseudoesterase activity of human serum albumin
15:30-15:50	21:00-21:20	Amit, Toxics Link, India Title: Microplastic an global pollutant
15:50-16:10	17:50-18:10	Magdalena Hryhorowicz, Poznan University of Life, Poland Title: CRISPR/Cas9 system in the generation of genetically modified pigs for purpose of xenotransplantation
16:10-16:30	16:50-17:10	Borja G Leon, Imperial College London, United Kingdom Title: Towards automated decision-making through reinforcement learning

DAY 02

TUESDAY, JUNE 14

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30 - 10:00		AV Check
10:00-10:40	12:00-12:40	Giovanni Vozzi, University of Pisa, Italy Title: 3D dynamic in vitro model of the human gut microbiota
10:40-11:20	18:40-19:20	Vladimir Chigrinov, Hong Kong University of Science and Technology, Hong Kong Title: Liquid crystal photoaligned by azodye nano layers: physics and applications in displays and photonics

ORAL PRESENTATIONS

11:20-11:40	13:20-13:40	Frelet-Barrand, Institute FEMTO, France Title: Lactococcus lactis, a promising cell factory to functionally express membrane proteins
11:40-12:00	14:40-15:00	Braicu Cornelia, Iuliu Hatieganu University of Medicine and Pharmacy, Romania Title: mir-29b inhibits proliferation and induces apoptosis in triple negative breast cancer cells
12:00-12:20	08:00-08:20	Thomas J. Webster, Interstellar Therapeutics, United States Title: Global warming due to biomaterials?
12:20-12:40	17:50-18:10	Debabrata Das, ICAR-CIFRI, India Title: The ecotechnology of modern ayurveda can effectively spoil all the evils, virions, microbes which are mere foreign-proteins can easily get denaturated with plants' acids (PH < 6.5) Or plants' alkaloids (PH > 8.0) For mankind
12:40-13:00	18:10-18:30	Manisha Mandal, Department of Physiology, MGM Medical College, India Title: Circulation of sars-cov-2 genetic clades in wastewater
13:00-13:20	15:00-15:20	Christoph Koppl, Austrian Centre of Industrial Biotechnology GmbH, Austria Title: Combinatorial fusion tag yields powerful platform process for the production of pharmaceutically relevant proteins
13:20-13:40	18:50-19:10	Lopamudra Dey, Heritage Institute of Technology, India Title: Machine learning techniques for sequence-based prediction of viral host interactions between sars cov 2 and human proteins
13:40-14:00	16:40-17:00	Anfal M. Alkandari, PhD candidate from Mansoura university-Egypt sponsored by ministry of health-Kuwait, Kuwait Title: Formation and development of liposomes encapsulated radiotracer and assisting the uptake of imaging studies

14:00-14:20	19:30-19:50	Kalra Aakanksha, Dr. B. Lal Institute of Biotechnology, India Title: ESKAPE pathogens in the indian subcontinent: A comprehensive analysis
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KEYNOTE PRESENTATIONS

14:20-15:00	09:20-10:00	Amy L Thompson, Austin Peay State University, USA Title: Brown recluse spider venom holds promise in killing breast cancer cells
15:00-15:40	08:00-08:40	Bruce E Rittmann, Biodesign Swette Center for Environmental Biotechnology, USA Title: The Hydrogen - Based membrane biofilm reactor for reducing many oxidized contaminants
15:40-16:00	11:40-12:00	Hai Feng Ji, Drexel University, USA Title: RelA inhibitors for Chronic Diseases

POSTER PRESENTATIONS

16:00-16:10	18:00-18:10	Marek Koutny, Tomas Bata University in Zlin, Czech Republic Title: Microbiology of biodegradation with selected biodegradable polymers in soil
16:10-16:20	21:40-21:50	Debabrata Das, ICAR-CIFRI, India Title: May natural Gene-editing with techie ayurveda science

UPCOMING CONFERENCES

2nd Edition of Euro-Global Conference on
Biotechnology and Bioengineering

June 19-21, 2023 | Rome, Italy

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