



**Training school “*Galleria mellonella* in biofilm research”
11th – 14th September 2023, Bratislava, Slovakia**



Invited speakers



Maria Luísa Jordão's research area is mainly focused on bacterial biofilms, antimicrobial resistance, mycobacteria and the study of different ways of eradicating bacteria. She is an expert in microscopic methods such as SEM, TEM and CLSM. Currently, she is working at the Department of Environmental Health at the National Institute of Health Dr. Ricardo Jorge in Lisbon, thus she deals not only with clinical but also environmental microbiology.



Elisa Borghi is a Professor in Clinical Microbiology at the Department of Health Sciences at the University of Milan (Italy). She is also the secretary of the ESCMID study group for biofilm. Dr. Borghi has been working with *Galleria mellonella* infectious model for many years with focus on testing pathogenicity of microbes and the antimicrobial activity of drugs. She is also working on fungal biofilm and human microbiota.



Eduard Torrents Serra is an Associate Professor at the University of Barcelona, Department of Genetics, Microbiology, and Statistics. He is a group leader in the Institute for Bioengineering of Catalonia (Spain). His current research focuses on new mechanisms to treat bacterial infections using different nanotechnology applications and techniques to deliver and destroy bacterial cells.



Joanna Nakonieczna is an Associate Professor at the Department of Photobiology and Molecular Diagnostics at the Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk (Poland). Her main disciplines are molecular biology, microbiology, and biotechnology. Her work explores the feasibility of using the photodynamic method to combat human bacterial and fungal pathogens, including multidrug-resistant isolates. She studies the molecular basis of the response of microorganisms to light-activated compounds used in the photodynamic method based on *in vitro*, *ex vivo* and *in vivo* models.



Juliana Campos Junqueira received a PhD. in Oral Biopathology from São Paulo State University/UNESP (Brazil). She became an Associate Professor of Microbiology and Immunology at the Department of Biosciences and Oral Diagnosis, Institute of Science and Technology (UNESP). The laboratory focused on host-pathogen interactions in animal models and the discovery of potential antimicrobial agents and methods that can be used in the prevention and treatment of infectious diseases.