

# 1<sup>st</sup> INTERNATIONAL CONGRESS ON BIOTECH STUDIES

NOVEMBER 9 – 11, 2022

## SCIENTIFIC PROGRAMME

**11.11.2022 – FRIDAY**

<b>Environmental Biotechnology Session</b>	
09:30 – 10:00	<b>Invited speaker: Prof. Dr. Nuri AZBAR</b> , Department of Bioengineering, Ege University, Türkiye <i>European Green Deal and Carbon footprint of Horticultural Crops</i>
<b>Moderator: Prof. Dr. Nuri AZBAR</b>	
10:00 – 10:15	<b>Rasit ASİLOĞLU</b> , Niigata University, Institute of Science and Technology, Japan <i>Predatory Protists Enhance Rice Plant Growth Through Regulating Rhizobacterial Community Composition</i>
10:15 – 10:30	<b>Amedeo J.J.</b> , Malankara Catholic University, India <i>Impact of Water Pollution on Vital Organs of Fish Species (<i>Oreochromis mossambicus</i>)</i>
10:30 – 11:00	<b>Invited speaker: Prof. Dr. Selim L. SANİN</b> , Faculty of Engineering, Department of Environmental Engineering <i>In-situ (Bio)remediation as an Advanced Technology of Sustainable Agriculture</i>
11:00 – 11:10	<b>Paushali GHOSH</b> , Banaras Hindu University, India <i>Evidences Showing Significant Alterations in Metabolic Processes in Selected Bacterium <i>Cellulosimicrobium cellulans</i></i>
11:10 – 11:20	<b>Bülent AKAR</b> , Gümüşhane University, Türkiye <i>Diatoms and New Biotechnological Approaches</i>
11:20 – 11:30	<b>Suzan SAHİN DOĞAN</b> , Karamanoglu Mehmetbey University, Türkiye <i>Prediction of the Bioremediation Potential of Microbial Diversity in Hypersaline Tuz Lake</i>
11:30 – 12:00	<b>Invited speaker: Assoc. Prof. Tuğba KESKİN GÜNDOĞDU</b> , Industrial Engineering Department, İzmir Democracy University, İzmir, TÜRKİYE <i>Environmental Biotechnology Application Areas and Recent Developments</i>
12:00 – 13:00	<b>Lunch Break</b>
<b>Health Biotechnology Session</b>	
<b>Moderator: Prof. Dr. İlkay ERDOĞAN ORHAN</b>	
13:00 – 13:30	<b>Invited speaker: Assist. Prof. Claudio FERRANTE</b> , Pharmacognosy and Pharmaceutical Biology at the Department of Pharmacy “G. d’Annunzio” University Chieti-Pescara, Italy <i>Grape Pomace as a Source of Bioactive Extracts</i>
13:30 – 14:00	<b>Invited speaker: Prof. Dr. Füsün ACARTÜRK</b> , Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Gazi Ankara, Türkiye <i>The Importance of Pharmaceutical Biotechnology in Health Sciences</i>
14:00 – 14:15	<b>İlknur ÇINAR AYAN</b> , Necmettin Erbakan University, Meram Faculty of Medicine, Department of Medical Biology <i>Neuroprotective Role of Chrysin Against Bupivacaine Induced Apoptosis and Oxidative Stress in SH-SY5Y Cell Line</i>
14:15 – 14:30	<b>Desi NURJANAH</b> , Gazi University, Institute of Science, Department of Biology <i>Investigations of Antimicrobial Activities and DNA Interactions of Phosphazenes</i>
14:30 – 14:45	<b>Aynur ALIYEVA</b> , Necmettin Erbakan University, Meram Faculty of Medicine, Department of Medical Biology <i>Pyrogallol Prevents the Progress of Glioblastoma Multiforme Cells by Regulating Apoptotic Cell Death</i>
14:45 – 15:00	<b>Naşit İĞCİ</b> , Nevşehir Hacı Bektaş Veli University, Faculty of Science and Arts, Department of Molecular Biology <i>An Investigation on the Protein Profile and Enzyme Activities of <i>Walterinnesia morgani</i> (Desert Black Cobra) Venom</i>

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15:00 – 15:30	<b>Invited Speaker: Prof. Dr. Güneş ESENDAĞLI</b> , Head of Department of Basic Oncology at Hacettepe University Cancer Institute, Türkiye <i>Genetically-Modified Mammalian Cells as Biological Therapeutics</i>
15:30 – 15:40	<b>Seçil KARAHİSAR TURAN</b> , Hacettepe University, Faculty of Science, Department of Biology <i>In vitro Effects of Montivipera xanthina (Ottoman Viper) Crude Venom and Its Fractions on Endothelial Tube Formation</i>
15:40 – 15:50	<b>Sümevra GÜLTEKİN</b> , Biotechnology Research Center of Ministry of Agriculture and Forestry <i>Rhein Inhibits Cell Proliferation Through Induced mRNA Level of Apoptosis Related Genes and Supressed mRNA Level of TGFβ Pathway and Metastasis Related Genes in Glioblastoma Multiforme Cells</i>
15:50 – 16:00	<b>Pınar ÇINAR</b> , Ankara University Agricultural Faculty <i>The Response of Plant Secondary Metabolites on Climate Change</i>
16:00 – 16:10	<b>Seda KÜLEN</b> , Field Crops Central Research Institute <i>An Investigation on the Antifungal Effect of Some Benzimidazole Compounds</i>
16:10 – 16:20	<b>Mehmet ACİÖZ</b> , Province Directorate of Agriculture and Forestry <i>The Monetary Losses due to Fasciolosis in Cattle in Muğla</i>
16:20 – 16:30	<b>Mert KARIŞ</b> , Nevşehir Hacı Bektaş Veli University <i>Cytotoxicity Screening of the Skin and Parotoid Gland Secretions of Salamandra infraimmaculata ssp. semenovi from Anatolia</i>
16:30 – 16:40	<b>Suzan BİRAN AY</b> , Eskisehir Technical University <i>Guar Gum-Based Biofilms Containing Momordica charantia Fruit Extract and Biogenic Silver Nanoparticles (AgNP) for Medical Applications</i>
16:40 – 16:50	<b>Annemer SAOUSSAN</b> , Laboratory of Applied Organic Chemistry, Faculty of Sciences and Techniques, University Sidi Mohammed Ben Abdellah <i>Anti-Wood-Decay Fungal Activity of the Simultaneous hydrodistillation of Salvia rosmarinus Spenn and Cedrus atlantica Manetti</i>
16:50 – 17:00	<b>Yasemin KIRAZ</b> , Kayseri Food Control Laboratory Directorate <i>Effects of Corneal Alkaline Burns on Intraocular Pressure in Rabbits</i>
17:00 – 17:30	<i>Closing Remarks</i>