

1st INTERNATIONAL CONGRESS ON BIOTECH STUDIES

NOVEMBER 9 – 11, 2022

SCIENTIFIC PROGRAMME

09.11.2022 – WEDNESDAY

09:00 – 09:30	Registration
09:30 – 10:00	Opening Speeches Dr. Hümeysra YAMAN - Field Crops Central Research Institute - Director of the Institution Dr. Metin TÜRKER - General Directorate of Agricultural Research and Policies – General Director
Food and Industrial Biotechnology Session	
10:00 – 10:30	Invited Speaker: Prof. Dr. Remziye YILMAZ , Hacettepe University, Türkiye <i>Food Biotechnology for the Future</i>
Moderator: Prof.Dr. Remziye YILMAZ	
10:30 – 10:45	Anna BZDUCHA-WRÓBEL , Warsaw University of Life Sciences, Poland <i>The Influence of Mannoproteins Isolated from Conventional and Nonconventional Yeast Species on the Growth of Selected Bacteria</i>
10:45 – 11:00	Begüm Zeynep HANÇERLİOĞULLARI , Hacettepe University, Türkiye <i>The Effect of Microwave Treatment on Gene Expression Level of Argonaute AGO1a and Phosphoglycerate Kinase Pgc3 Genes in Maize (Zea mays L.) Flours</i>
11:00 – 11:30	Invited Speaker: Prof. Dr. Selin KARA , Aarhus University, Denmark <i>Process Engineering Strategies towards Efficient Biocatalytic Transformations</i>
11:30 – 11:45	Didar UCUNCUOĞLU , Çankırı Karatekin University & Yoka Fonksiyonel Gıda San. Tic. Ltd. Şti., Türkiye <i>Food Grade Biopigments Versus Synthetic Colorants</i>
11:45 – 12:00	Bilge YILMAZ , Hacettepe University, Türkiye <i>In silico CRISPR-Cas Based Screening of Lactococcus lactis ASM2046375v1</i>
12:00 – 12:15	Veysel SÜZERER , Bingöl University, Türkiye <i>Towards the Determination of Plant Species that Constitute Bingöl Honey through Recent Meta Molecular Analysis</i>
12:15 – 12:30	Özlem IŞIK DOĞAN , Hacettepe University & Central Research Institute of Food and Feed Control, Türkiye <i>Approaches for Metagenomic Examination of Fermented Food Products</i>
12:30 – 13:30	Lunch Break
Moderator: Prof.Dr. Remziye YILMAZ	
13:30 – 13:45	Simple SHARMA , I.K. Gujral Punjab Technical University, Jalandhar <i>Role of Nanotechnology in Food and Biotechnology Sector</i>
13:45 – 14:00	İpek Ceren YEŞİLDAĞ , Hacettepe University, Türkiye <i>Analysis of Protein Secretion by Baker's Yeast Saccharomyces cerevisiae</i>
14:00 – 14:30	Invited Speaker: Prof. Dr. Volkmar PASSOTH , Swedish University of Agricultural Sciences, Sweden <i>Biochemicals, Feed and Food from Lignocellulose Hydrolysate by Oleaginous Yeasts</i>
14:30 – 14:45	Beyza SAYMAN , Hacettepe University, Türkiye <i>Use of Real-Time PCR and High-Resolution Melting Analysis for the Identification and Discrimination of Saccharomyces boulardii Strains by AAD15 and MAL11 Genes</i>
14:45 – 15:00	Nurcennet ERTÜRK , Eskisehir Technical University, Türkiye <i>Effect of Bitter Melon Peel Powder on Functional Properties of Edible Films</i>
15:00 – 15:15	Melike EROL DEMİRBİLEK , Field Crops Central Research Institute, Türkiye <i>Investigation of Antibacterial Effects of Some Safflower (Carthamus L., Asteraceae) Flowers against Salmonella enteritidis, Escherichia coli, Staphylococcus aureus and Bacillus cereus</i>
15:15 – 15:30	Elif Bircan MUYANLI , Hacettepe University, Türkiye <i>Differences in Technological Properties Between Saccharomyces cerevisiae and non-Saccharomyces Yeast</i>

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Bionformatic and Nanobiotechnology Session	
15:30 – 16:00	Invited Speaker: Assist. Prof. Fatih İNCİ , Bilkent University, Türkiye <i>Harmonizing Nano-scale Technologies with Extracellular Vesicles for Disease Diagnostics</i>
16:00 – 16:30	Invited Speaker: Dr. Anı AKPINAR , Montana BioAg Inc., USA <i>The Era of Multi-Omics Approaches in Crop Science</i>
Moderator: Assist. Prof. Fatih İNCİ	
16:30 – 16:45	Esra DEMİRAL , Muğla Sıtkı Koçman University, Türkiye <i>RNAi Silencing by Prokaryotic Gene Sources</i>
16:45 – 17:00	Hilal YAVUZ , Bursa Technical University, Türkiye <i>Liposomal Encapsulation of Green Synthesis Silver Nanoparticles Using Green Algae <i>Ulva lactuca</i> and Investigate of Antibacterial Effect</i>
17:00 – 17:30	Invited Speaker: Assoc. Prof. Sachin RUSTGI , Clemson University, USA. <i>Blurring Disciplinary Boundaries to Offer Healthier, Safer Life to Individuals through Nutritionally Enhanced, Safe Food or Better Diagnostics</i>