

BIOTECHMEET2021

SEPTEMBER 16-18, 2021

Final Program



ALBEDO MEETINGS

Floor# 3, Advant Building, 99B, Kakatiya
Hills, Kavuri Hills, Madhapur Hyderabad,
TS 500033

Email: contact@albedomeetings.com

Day 1 Thursday | September 16, 2021

The London Time Zone (GMT +1)

09:30-09:55	P	Title: Prospects for Biofuels through Hydrogen Energy Systems Marc A. Rosen, University of Ontario, Canada
09:55-10:20	I	Title: Chemical Ratchet Allows to Increase the Affinity of a Regulator Protein to its Operator by One-dimensional Diffusion along DNA Nobuo Shimamoto, National Institute of Genetics, Japan
10:20-10:45	I	Title: Research on Hierarchical and Linked Management of Diabetes Based on Cloud Health Platform of TCM Chuanbiao Wen, Chengdu University of Traditional Chinese Medicine, China
10:45-11:10	I	Title: Multiscale 'Whole-Cell' Models to Study Neural Information Processing – New Insights from Fly Photoreceptor Studies Zhuoyi Song, Fudan University, China
11:10-11:35	I	Title: Inorganic Silica Gel Materials for Capturing Metal Ion Mohammed A. Al-Anber, University of Mutah, Jordan
11:35-12:05	K	Title: Antibody-Proteases as Molecular Targets and Tools of The Next-Step Generation to be Applied for Translational Applications Sergey Suchkov, Sechenov University, Russia
12:05-12:30	I	Title: Proteases of Filamentous Fungi: Effect on Proteins of Human Hemostatic System and Application A.A. Osmolovskiy, Moscow State University, Russia
12:30-12:55	I	Title: Collagen Processing for Biomedicine Chupakhin Evgeniy, Immanuel Kant BFU, Russia
12:55-13:20	I	Title: Thermophilic Enzymes – Overcoming the Limit Eglė Lastauskienė, Vilnius University, Lithuania
13:20-14:00	P	Title: Role of Bacterial Signaling Molecules in Plant and Human Health Anton Hartmann, Ludwig-Maximilian-University Munich, Germany
14:00-14:30	K	Title: Biocatalysis on Residual Biomass Valorization Ivaldo Itabaiana Junior, Federal University of Rio de Janeiro, Brazil/CNRS Lille, France
14:30-14:55	I	Title: Biocompatible Extraction of Molecules from Microalgae Benoit Schoefs, University of Le Mans, France
14:55-15:20	I	Title: Microalgae and Nanomaterials Toxicity Dalibor Huska, Mendel University in Brno, Czechia
15:20-15:45	I	Title: Protein Binder (ProBi) as a New Class of Structurally Robust Non-antibody Protein Scaffold for Directed Evolution Maroš Huličiak, Charles University in Prague, Czechia

15:45-16:00 | **Title: Enterococcus Faecium CCDM 922A as a Source of Organically Bound Selenium**
Iva Mrvikova, Dairy Research Institute, Czechia

Day 2 Friday | September 17, 2021

The London Time Zone (GMT +1)

09:30-10:10 | **P** **Title: Biomimetics: The New Frontiers of Tissue Engineering**
Antonio Apicella, University of Campania, Italy

10:10-10:40 | **K** **Title: Neurodegeneration: Insights from the Ocular Fundus**
Rui Bernardes, University of Coimbra, Portugal

10:40-11:05 | **I** **Title: Human-robot Shared Control in Biomedical Applications**
Francesca Cordella, Campus Bio-Medico University of Rome, Italy

11:05-11:30 | **I** **Title: Biotransformation of Cortisone with Rhodococcus Rhodnii: Synthesis of new Steroids with Biological Activity**
Stefania Costa, University of Ferrara, Italy

11:30-11:55 | **I** **Title: Hyperthermic Enhanced Drug Release from Biocompatible Magnetic Microspheres**
Silvio Dutz, Ilmenau University of Technology, Germany

11:55-12:20 | **I** **Title: Microalgae as Feedstock for Biofuel: Fatty Acids Characterization as Selection Criteria**
Carmela Maria Montone, University of Rome, Italy

12:20-12:45 | **I** **Title: Use Of Bioreactors For The Co-Treatment Of Air Streams With High Ammonia and VOC's Concentration**
Eloi Morral, Universitat Politècnica de Catalunya, Spain

12:45-13:10 | **I** **Title: Introduction to Microbiologically Influenced Corrosion and its Mitigation**
Yassir Lekbach, Abdelmalek Essaâdi University in Larache, Morocco

13:10-13:35 | **I** **Title: Structural Advantages and Application Areas of Pediocins**
Evrin Gunes Altuntas, Ankara University Biotechnology Institute, Turkey

13:35-14:00 | **I** **Title: SHH Gradient and Human Neurulation**
Markus Merk, University of California, Santa Barbara, USA

14:00-14:25 | **I** **Title: Microbial Biotechnology: Use of Metabolites in Agriculture**
Adriano Meniqueti, State University of Maringá / Origem Biotechnology, Brazil

14:25-14:50 | **I** **Title: Development of Tools for Biological Synthetic Studies**
Cintia Marques Coelho, University of Brasilia, Brazil

14:50-15:15 | **I** **Title: Looking for Biomarkers for Infectious Diseases**
Laura Itzel Quintas-Granados, Mexiquense University of the Bicentennial, Mexico

15:15-15:40

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Title: Chitosan-Piezoelectric Nanoparticles Composites for Tissue Engineering

Yevgen Prokhorov, The Center for Research and Advanced Studies of the National Polytechnic Institute, Mexico

15:40-16:05

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Title: Evolutionary Analysis of PBS1 Proteins in Plants

Edgar Yebran Villegas Vazquez, Cinvestav, Mexico

Closing the Virtual Session