

4<sup>TH</sup> EDITION OF  
EURO-GLOBAL CONFERENCE ON

# BIOTECHNOLOGY AND BIOENGINEERING

*Shaping Tomorrow: Innovations in Biotechnology  
and Bioengineering on a Global Scale.*

## Our OCMs



AC MATIN  
Stanford University School of  
Medicine, United States



YONG XIAO WANG  
Albany Medical College,  
United States



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University of California,  
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MURRAY MOO YOUNG  
University of Waterloo,  
Canada



LUIS JESUS VILLARREAL  
GOMEZ  
Universidad Autonoma de Baja  
California, Mexico



THOMAS J WEBSTER  
Hebei University of Technology,  
China

### Scientific TOPICS

- Bionics and Biological Cybernetics
- Bioprocess and Biosystems Engineering
- Biomedical Engineering
- Biochemical Engineering
- Analytical Biotechnology
- Applied Immunology
- Molecular Therapeutics
- Microbial Biotechnology
- Genetic Engineering
- Large-scale Approaches
- Proteomics
- Metabolomics
- Molecular Engineering
- Computational Biology
- Metabolic Engineering
- Novel Expression Systems
- Delivery of Genes, Drugs, or Cells
- Imaging



19-21  
SEP 2024



Rome, Italy

Hybrid Event



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# TENTATIVE PROGRAM

## Keynote Presentations

<b>AC Matin</b> Stanford University School of Medicine, United States	Title: Nanomaterial-mediated systemically administered m-RNA-based gene therapy directed exclusively to cancer, resulting in eradication of implanted orthotopic tumors with no side effects
<b>Yong Xiao Wang</b> Albany Medical College, United States	Title: Molecular Therapeutics for Chronic Obstructive Pulmonary Disease
<b>Sebastian Oltean</b> University of Exeter Medical School, United Kingdom	Title: Modulation of alternative splicing as a novel therapeutic avenue in cancer
<b>Murray Moo Young</b> University of Waterloo, Canada	Title: Biotech scale-up: Bioengineering imperatives in biomanufacturing
<b>Luis Jesus Villarreal Gomez</b> Universidad Autonoma de Baja California, Mexico	Title: Antimicrobial electrospun fibrous scaffolds and their potential use as wound dressings
<b>Thomas J Webster</b> Hebei University of Technology, China	Title: A Real BandAid™: Incorporating Artificial Intelligence (AI) into Biomaterials and Medicine

## Oral Presentations

<b>Mahipal Singh</b> Fort Valley State University, United States	Title: Recovering life after death: a livestock experience
<b>Stefanie Kurtz</b> Institute of Farm Animal Genetics, Germany	Title: Sex determination in pigs by using gene editing
<b>Isabelle Turbica</b> Paris Saclay University, France	Title: Immunogenicity of therapeutic antibodies: Role of aggregation in T lymphocyte response
<b>Paul Adams</b> EverEdge Global, Netherlands	Title: Beyond the breakthrough: How to protect, commercialize, and value IP and other intangible assets
<b>Vladimir G Chigrinov</b> Hong Kong University of Science and Technology, Hong Kong	Title: Photoaligning and photopatterning for liquid crystal devices
<b>Jin Ku Lee</b> Seoul National University College of Medicine, Korea	Title: Genomics of drug sensitivity in cancer
<b>Jerry John</b> India	Title: Biohydrogen production from rice water using bacteria isolated from wetland sediment

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<b>Rahul Hajare</b> Sandip University Nashik, India	Title: Hepatitis b and delta co-infection: Prevalence and serological characteristics in India
<b>Neelam Atri</b> Banaras Hindu University, India	Title: Pretilachlor-induced physiological, biochemical and morphological changes in indian paddy field agroecosystem inhabited anabaena doliolum
<b>Ananya Singh</b> G D Goenka University, India	Title: Biotechnology as a tool in genetic rescuing of species
<b>Arjama Mukherjee</b> Indian Association for the Cultivation of Science (IACS), India	Title: Electrophoretic deposition of fish bone collagen coupled boron nitride on Ti-6Al-4V for osteointegration
<b>Sanvidhan G Suke</b> Priyadarshini College of Engineering, India	Title: Exploration of nanoformulated phytocompound against fibrogenic mineral dust-induced pneumoconiosis
<b>Vinoth S</b> SRM Institute of Science and Technology, India	Title: A simple blood vessel imaging protocol for Live Zebrafish Larva
<b>Yacob Mathai Kunnathazhath</b> Marma Health Centre, India	Title: Paracetamol is the most unscientific and dangerous drug for fever. Anyone can create a fever within hours using antipyretic objects.
<b>Shubha Anand</b> Dayalbagh Educational Institute, India	Title: Kertics – Protein bioplastic films from human hair
<b>Manaswi Rani</b> Dayalbagh Educational Institute, India	Title: The prospects of algae in the development of bioplastics: A review
<b>Habtamu</b> Ethioparents School, Ethiopia	Title: Invitro regeneration of Echinops kebericho from shoot explants
<b>Mukti Ram Poudel</b> Tribhuvan University, Nepal	Title: Impact of Abiotic stress on performance of Nepalese Wheat (Triticum aestivum L.) genotypes and molecular characterization by using stress linked SSR marker
<b>Bibata Ali Outan</b> National Institute of Agronomic Research of Niger (INRAN), Niger	Title: Effect of eggplant/basil association on the major pests of eggplant under Sudan-Sahelian conditions in Mali.
<b>Javad Hamed</b> University of Tehran, Iran (Islamic Republic of)	Title: Improving texture of bacterial cellulose texture produced by Komagataeibacter xylinus PTCC 1734 by optimization of fermentation parameters
<b>Zohreh Dehghani Bidgoli</b> Islamic Azad University, Iran (Islamic Republic of)	Title: Machine learning in Raman-based cancer diagnosis
<b>Fawad Ali Bacha Khan</b> University Charsadda, Pakistan	Title: Morphological, biochemical, and molecular characterization of exotic brassica germplasm

*Oral presentation slots are available*

# TENTATIVE PROGRAM

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## Poster Presentations

<b>Fernando Santos Beneit</b> University of Valladolid, Spain	Title: Valorization of wastes via a one-step microbial fermentation process
<b>Sergio Bordel</b> University of Valladolid, Spain	Title: Production of hydroxyectoine with an engineered strain of <i>Methylobacterium alcaliphilum</i>
<b>Reem Alhaidose</b> Ministry Of Municipality - Biotech Center, Qatar	Title: The evolution of reproductive mode in the <i>Carassius auratus</i> complex
<b>Manga Ndjaga Jude</b> University of Yaounde I, Cameroon	Title: Expression of Tc-MypPA gene involved in the regulation of the biosynthesis of Proanthocyanidins in some Cocoa beans ( <i>Theobroma cacao</i> L.)

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***Poster presentation slots are available***

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