

2<sup>nd</sup> Conference of  
**OUTLOOK CONFERENCES**



International  
**BIOTECHNOLOGY  
CONFERENCE**

September 23-24, 2019 | Chicago, USA

<http://www.outlookconferences.com/>

## Day 1 September 23, 2019

Arbor

08:30-09:00 Registrations

09:00-09:20 Introduction & Opening Words by Conference Chair

Chair of Conference:  
Khwaja G. Hossain, USA

### Plenary Forum

09:20-10:00

**Title: Tissue Chips for Drug Development**

**Danilo A. Tagle**, National Center for Advancing Translational Sciences, USA

10:00-10:40

**Title: Biomimetic Polymer Nanoreactors**

**Joel R. Fried**, University of Louisville, USA

### Keynote Forum

10:40-11:10

**Title: Engineering in Pharmaceuticals Biomanufacturing**

**Ganapathy Sivakumar**, University of Houston, USA

**Refreshments Break 11:10-11:25 @ Foyer**

### Invited Forum

11:25-11:55

**Title: A Spectroscopic Approach to Measure Changes in Meibum Lipid Composition and Structure to Diagnose and Understand the Etiology of Dry Eye**

**Douglas Borchman**, University of Louisville, USA

### Scientific Sessions

**Sessions**

**Food and Plant Biotechnology | Microbial Biotechnology | Molecular & Cell Biology**

**Session Chair**

**Devidas K Belsare, Bhopal University, India**

11:55-12:15

**Title: Integrative Evolution of Plants and Bacteria in the N<sub>2</sub>-Fixing Symbiosis: A Conduit for Constructing the Sustainable Agro-Systems**

**Nikolai Provorov**, All-Russia Research Institute for Agricultural Microbiology, Russian Federation

12:15-12:35

**Title: Production of Organic Emulsifiers and Surfactants Using Bacteria from Environmental Samples**

**Abubakar Abdulsalam Bello**, Teesside University, UK

12:35-12:55

**Title: Comparative Evaluation of Six Extraction Methods for DNA Quantification and PCR Detection in Cocoa and Cocoa-Derived Products**

**Lam Thi Viet Ha**, Ghent University, Belgium

12:55-13:15

**Title: *In Vivo* Investigation of the Effect of LRP::FLAG Over expression on the Ageing Process and Telomere Dynamics in Mice**

**Eloise Ferreira**, University of the Witwatersrand, South Africa

**Group Photo 13:15-13:20**

**Lunch Break 13:20-14:00 @ Aspen**

### Plenary Forum

14:00-14:40

**Title: Bio-based Nanoparticle and Its Application in Plant Genome Editing**

**Khwaja G. Hossain**, Mayville State University, USA

**14:40-15:20**      **Title: Genetic Engineering of *Deinococcus radiodurans* for Bioremediation of Uranium from Nuclear Waste**  
**Shree Kumar Apte**, UM-DAE-CEBS, India

### Keynote Forum

**15:20-15:50**      **Title: Engineering a Probiotic Yeast to Produce Valuable Metabolites or Peptides**  
**Wen-Hsiung Li**, Biodiversity Research Center, Taiwan

**Refreshments Break 15:50-16:05 @ Foyer**

### Invited Talk

**16:05-16:40**      **The Effect of Different Developmental Stages and Pruning of In Vitro Leaves on Negative Air Ion Release upon Pulsed Electrical Field Treatments**  
**Ramachandran Srinivasan**, University of Singapore, Singapore

### Scientific Sessions

#### Sessions

**Biotechnology & Bioprocess Engineering | Recombinant Biotechnology | Biofuels | Genetics**

**Session Chair**      **Wen-Hsiung Li, Biodiversity Research Center, Taiwan**

**16:40-17:00**      **Title: Constructing a Yeast to Express the Largest Cellulosome Complex on the Cell Surface**  
**Jui-Jen Chang**, China Medical University, Taiwan

**17:00-17:20**      **Title: Design a Super Secretion Pathway in a Probiotic Yeast for Producing Antimicrobial Peptides**  
**Yu-Ju Lin**, Biodiversity Research Center, Taiwan

**17:20-17:40**      **Title: Multi-scale Modeling of Metabolic and Regulatory Networks of *Yarrowia lipolytica***  
**Neeraj Kumar**, Pacific Northwest National Laboratory, USA

**17:40-18:00**      **Title: Genes as a Unit Recombination**  
**Sudha Bansode**, Shankarrao Mohite College, India

### Poster Presentations

**OLCBC-P1**      **Title: Function and Regulatory Mechanism of Terpene Synthases in *Ginkgo biloba* L. Based on Transcriptome**  
**Rongmin Yu**, Jinan University, China

**OLCBC-P2**      **Title: Transgenic Chicken-Mediated Production of Human Erythropoietin**  
**Teoan Kim**, Catholic University of Daegu School of Medicine, Korea

**OLCBC-P3**      **Title: Relative Virulence in Viruses: Quantification of Impact on Hosts by Lytic and Non-Lytic Viruses**  
**Kelsey Bevenour**, University of Arkansas, USA

**OLCBC-P4**      **Title: Enhanced Stability of Mobile Enzyme Sequestration Platforms (mESP) for Industrial Reactions**  
**Atemnkeng Forwang**, University of Arkansas, USA

### End of the Conference



Save The Date

2nd International Conference and Exhibition on

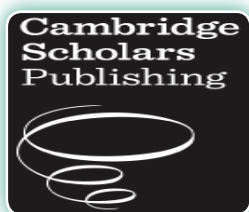
# Bioscience, Biotechnology and Bioengineering

November 12-13, 2020 | Vienna, Austria

**OLCBBB-2020**

*Collaborator*

*Media Partners*



**OUTLOOK CONFERENCES**

Journalist Colony, Road#70, Jubileehills, Hyderabad, Telangana-500 033, India

Ph no: +91 7799901270 / +91 7799901271

contact@outlookconferences.com