

DAY 1

SCIENTIFIC PROGRAM

WEDNESDAY

NOVEMBER 18, 2020 (GMT - LONDON TIMINGS)

10:15 - 10:30 **Introduction & Opening Ceremony | GMT - London Time**

Keynote Session

10:30 - 11:10 **Recent advances of the commercialization for tissue engineered and regenerative products in Korea: Update 2020**

Gilson Khang, Chonbuk National University, South Korea

11:10 - 11:50 **Agent-based models for influenza epidemic dynamics and its decision-making capability**

Valeriy D Perminov, BioTeckFarm Ltd., Russia

Eye Relaxation Break (11:50 - 12:10)

Oral Presentations

12:10 - 12:40 **Therapeutic aspects of bacterial biofilm on tooth and associated dental diseases**

Shyamapada Mandal, University of Gour Banga, India

12:40 - 13:10 **Chloroplast genomics: Recent trends and applications**

Swati Tyagi, National Institute of Agriculture Science, South Korea

13:10 - 13:40 **Modeling COVID-19 transmission versus hospital capacity, mask use and social distancing using SEIR in West Bengal, India**

Manisha Mandal, MGM Medical College, India

Session Break (13:40 - 14:40)

Oral Presentation Continues...

14:40- 15:10 **Niosomes as a bilayer nanocarrier for combinative drug delivery**

Pratik Kulkarni, National Forensic Sciences University, India

15:10- 15:40 **Clinical Trial Evaluating the Efficacy of Mesenchymal Stromal Cell Injections for the Treatment of Chronic Pelvic Complications Induced by Radiation Therapy**

Alain CHAPEL, Institute of Radiation and Nuclear safety, France

15:40- 16:10 **High throughput data analysis a new vision of cure for Neurological disorders**

Prachi Srivastava, Amity University, India

Eye Relaxations Break (16:10 - 16:40)

Poster Presentations

16:40 - 17:00 **Analysis of the endophytic isolates growth in cytosol of wheat cells**

Agnieszka Kuźniar, The John Paul II Catholic University of Lublin, Poland

17:00 - 17:20 **Isolation and characterization of halophilic microorganisms from salt mine brine**

Weronika Goraj, The John Paul II Catholic University of Lublin, Poland

17:20 - 17:40 **Biochar addition reinforces microbial interspecies cooperation in methanation of sugar beet waste (pulp)**

Anna Pytlak, Bohdan Dobrzański Institute of Agrophysics, Poland

17:40 - 18:00 **Analysis of the synthesis of indole-3-acetic acid by isolated strains wheat endophytic bacteria**

Kinga Włodarczyk, The John Paul II Catholic University of Lublin, Poland

DAY 2

SCIENTIFIC PROGRAM

THURSDAY

NOVEMBER 19, 2020 (EST - NEW YORK TIMINGS)

10:15 - 10:30 **Joining Time | EST - New York Time**

Keynote Session

10:30 - 11:10 **Nitric Oxide Based Therapeutics for Cardiovascular Disease and COVID**

Nathan S. Bryan, Baylor College of Medicine, USA

11:10 - 11:50 **Boosting Intracellular Delivery of mRNA Therapeutics**

Siddharth Patel, Senda Biosciences, USA

Eye Relaxation Break (11:50 - 12:20)

Keynote Presentation Continues...

12:20 - 13:00 **Camera-less Terahertz Nanometrology: an essential tool for early-stage detection of skin cancer.**

Anis Rahman, Applied Research and Photonics Inc., USA

Oral Presentations

13:00 - 13:30 **Plant Based Solutions to CoVID-19**

Kathleen Hefferon, University of Toronto, Canada

Session Break (13:30 - 14:30)

14:30 - 15:00 **Targeting HuR function in gliomas with a new class of inhibitors of HuR dimerization**

Natalia Filippova, University of Alabama at Birmingham, USA

15:00 - 15:30 **Synthetic blood vessels and in vitro modeling of the blood-brain-barrier**

Kyle DiVito, Georgetown University, USA

15:30 - 16:00 **Development of an in vitro root culture in marigold for secondary metabolites production**

Andres Cruz-Hernandez, Universidad De La Salle, Mexico

Eye Relaxation Break (16:00 - 16:30)

Oral Presentation Continues...

16:30 - 17:00 **Design and construction of a vector for tissue-specific bioluminescence imaging**

Fernando Martínez Olvera, Universidad de la Salle, Mexico

17:00 - 17:30 **Plant-based molecular farming for production of recombinant pharmaceutical proteins**

Giap Do Van, Rural Development Administration, South Korea

Poster Presentation

17:30 - 18:00 **Expression analysis of genes related to serotonin metabolism in *Astyanax mexicanus***

Fernando Martínez Olvera, Universidad De La Salle, Mexico

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