

TENTATIVE PROGRAM



Theme: Exploring Sustainable Solutions and Breakthrough Innovations in Biotechnology

13th International Conference on

BIOTECHNOLOGY

JUNE 27-28, 2024 | London, UK

<https://biotechnologycongress.pulsusconference.com/>

AGENDA

Thursday | June 27, 2024

09:00-09:15 - Opening Ceremony

KEYNOTE FORUM

- 9:15-9:50** **Title: Genome-Wide Association Study of milk production traits in the Russian Black-and-White cattle**
Abdulrahman khatib | Lomonosov Moscow State University | Russia
- 9:50-10:25** **Title: Epitope Specificity of Antibodies from Chronic Patients and Self Resolvers of HCV Infection**
Asma Ahsan | University of Central Punjab | Pakistan
- 10:25-11:00** **Title: Study of the incidence of nosocomial infections and risk factors in maternity hospitals in the city of Mbuji mayi, Democratic Republic of Congo**
Jean Christophe Bukasa | Higher Institute of Medical Techniques of Mbuji mayi | DRC

Networking & Refreshment Break (11:00-11:15)

Plenary Sessions

Session: Recent Trends in Biotechnology | Agricultural Biotechnology | Plant Biotechnology

Session Chair: Matthew Reynolds | International Maize and Wheat Improvement Center | Mexico

- 11:15-11:50** **Title: Evolution of Antibiotics Future of Biotechnology in Healthcare**
Gemechu Chali Terfassa | Ethiopian Institute of Agricultural Research | Ethiopia
- 11:50-12:15** **Title: Sustainable Development of Bioenergy from Agriculture Residues and Environment**
Abdeen Mustafa Omer | Energy Research Institute (ERI) | UK
- 12:15-12:40** **Title: Effect of growth regulators and nacl stress on callus formation and alkaloids production on Vinca rosea plant**
Youssif Mahmoud Ahmed | AL Azhar University | Egypt

Lunch Break (12:40-01:40)

- 01:40-02:05** **Title: In-planta enhancement of Artemisia annua bioactive compounds as an affordable cure in treatment of malaria and cancer**
Shashi Pandey Rai | Banaras Hindu University | India
- 02:05-02:30** **Title: Oncogenic viruses and recombinant vaccines: HPV and HCV**
Rachel siqueira de queiroz simoes | Institute of Technology in Immunobiologicals | Brazil
- 02:30-02:55** **Title: Nicotinamide: A new NAD + dress for an old vitamin form in energy metabolism and inflammation**
Josep Julve | Hospital de la Santa Creu i Sant Pau | Spain

Networking & Refreshment Break (02:55-03:10)

03:10-03:35 **Title: Genetic diversity, expression and characteristics of protease genes of haloalkaliphilic bacteria from the saline habitats**
Satya P Singh | Saurashtra University | India

Session: Animal Biotechnology | Nanobiotechnology | Industrial Biotechnology

Session Chair: Alberto Camacho Morales | University of Nuevo Leon | Mexico

03:35-04:00 **Title: Axonal regeneration and beyond: New biotechnologies magnetically actuated to improve axon outgrowth**
Alessandro Falconieri | University of Pisa | Italy

04:00-04:25 **Title: A novel approach for enhancing disease and pest resistance in soybean**
Madan K Bhattacharyya | Iowa State University | USA

04:25-04:50 **Title: Antifungal and antibacterial activities of crude extracts of *Phellinus* spp. and *Coltricia fragilissima* (Basidiomycota, Hymenochaetaceae) from Cameroon and Democratic Republic of Congo**
Metsebing Blondo-Pascal | University of Yaounde | Cameroon

Thanksgiving Ceremony

Friday | June 28, 2024

09:00-09:15 - Opening Ceremony

Poster Forum

Session: Microbiology | Molecular Biotechnology | Bioinformatics

Session Chair: Rovshan I Khalilov | Baku State University | Azerbaijan

9:15-9:50 **New insights on non-canonical DNA structures: G-Quadruplex folding of RPGR exon ORF15 might impair photoreceptor vesicular trafficking and ciliogenesis**
Luigi Donato | University of Texas | USA

9:50-10:25 **Title: Essential best public health practices to efficiently fight against AMR in developing countries**
Nouhoum Bouare | National Institute of Public Health | Mali

10:25-11:00 **Title: Fungi in food industry**
Abubakar Alhaji kachallah | Yobe State University | Nigeria

Networking & Refreshment Break (11:00-11:15)

11:15-11:50 **Title: A novel label-free colorimetric polyA aptasensing approach based on cationic polymer and silver nanoparticles for detection of tobramycin in milk**
Omid Heydari Shayesteh | Hamadan University of Medical Sciences | Iran

Panel Discussion

Session: Biochemistry | Bioprocess Technology | Nutrition Science

Session Chair: Gaurisankar Sa | Bose Institute | India

11:50-12:15 **Title: Influence of sucrose in the post-processing of lipid nanoparticles**
Evelyn Schnapka | Fraunhofer Institute for Production Systems and Design
Technology | Germany

12:15-12:40 **Title: Modifying the acidic tail of high mobility group B1 for designing salmo salar TLR5 agonist peptides**

Jannel Acosta Alba | Universidad de Concepcion | Chile

****ORAL PRESENTATION SLOTS ARE AVAILABLE**

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Session: Environmental Biotechnology | Industrial Biotechnology | Bioinformatics

Session Chair: Afaf Algroshi | Liverpool John Moores University | UK

01:40-02:05 **Title: Antimicrobial and immune modulating activity of NK-Lysin antimicrobial peptides from salmo salar**

Oliberto Sanchez Ramos | Universidad de Concepcion | Chile

02:05-02:30 **Title: Probe-based Sars-Cov-2 genotyping for population-level variant screening**

Luisa Maria Reyes Cortes | Tecnologico de Monterrey | Mexico

02:30-02:55 **Title: Production of IgY antibodies in laying hens as a platform for the prevention of respiratory infections: Andes virus as an example**

Natalie C Parra | Universidad de Concepcion | Chile

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PANEL DISCUSSION

*****Certificates and Award Presentations*****

Thanks Giving & Closing Ceremony

****Note: The program schedule is subject to change****