TENTATIVE PROGRAM



Theme: From Stigma to Support: Changing the Conversation on Mental Health

12th International Conference on

BIOTECHNOLOGY

December 14-16, 2023 | Rome, Italy

https://biotechnologycongress.pulsusconference.com/

AGENDA

Thursday | December 14, 2023 | Day 1

09:00-09:15 - Opening Ceremony

KEYNOTE FORUM

9:15-10:00	**Title: Multivalent vaccine against bovine viral diarrhea** **Raquel Montesino |** Eduardo Ramos | Universidad de Concepcion | Chile
10:00-10:45	**Title: Genipin crosslinked chitosan-starch hidrogel with copper nanoparticles: A potential wound dressing for complex wounds** **Jorge Toledo** | Universidad de Concepcion | Chile
10:45-11:30	**Title: Essential best public health practices to efficiently fight against AMR in developing countries** **Nouhoum Bouare** | National Institute of Public Health | Mali

Networking & Refreshment Break 11:30-11:45

Plenary Sessions

Session: Recent Trends in Biotechnology | Nanobiotechnology

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

11:45-12:15	**Title: Influence of sucrose in the post-processing of lipid nanoparticles** **Evelyn Schnapka** | Fraunhofer Institute for Production Systems and Design Technology | Germany
12:15-12:45	**Title: Surface engineered nanocomposites for point-of-care based devices: A bioanalytical perspective** **Aayush Dey** | National Forensic Sciences University | India

Lunch Break 13:15-14:15

Session: Animal Biotechnology | Molecular Biotechnology | Plant Biotechnology

Session Chair: Dr. Mohamed Mahmoud El-Shazly | German University in Cairo | Egypt

14:15-14:45	**Title: Modifying the acidic tail of high mobility group B1 for designing salmo salar TLR5 agonist peptides** **Jannel Acosta Alba** | Universidad de Concepcion | Chile
14:45-15:15	**Title: Antimicrobial and immune modulating activity of NK-Lysin antimicrobial peptides from salmo salar** **Oliberto Sanchez Ramos** | Universidad de Concepcion | Chile
15:15-15:45	**Title: Probe-based Sars-Cov-2 genotyping for population-level variant screening** **Luisa Maria Reyes Cortes** | Tecnologico de Monterrey | Mexico

Networking & Refreshment Break 15:45-16:00

Poster Forum (16:30-1 8:00)	
PP01	**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**
Thanksgiving Ceremony	

Friday | December 15, 2023 | Day 2	
09:00-09:15 - Opening Ceremony	
KEYNOTE FORUM	
9:15-10:00	**Title: Development of lateral flow assay for the detection of persistently infected animals with BVDV using monoclonal and chicken polyclonal antibodies** **Nicolas Gutierrez** | Universidad de Concepcion | Chile
10:00-10:45	**Title: Current research trends in green analytical tools for the detection of illicit drugs in biological matrices** **Piyush K Rao** | National Forensic Sciences University, India
10:45-11:30	**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
Networking & Refreshment Break 11:30-11:45	
11:45-12:30	**Title: Synthesis of metal and metal oxide nanoparticles using plant extracts-characterization and applications** **Ishfaq Ahmed** | NIT Srinangar | India
Session: Marine Biotechnology | Biomedical Engineering	
Session Chair: Matthew Reynolds | CIMMYT | Mexico	
12:30-13:00	**Title: Development of a matrix to prevent lipid nanoparticle growth in the freezing process via combining glycerol and sucrose** **Evelyn Schnapka** | Fraunhofer Institute for Production Systems and Design Technology | Germany ****ORAL PRESENTATION SLOTS ARE AVAILABLE**
Lunch break 13:30 - 14:30	
14:30-15:00	**Title: Label-free liquid biopsy based on blood circulating DNA detection using SERS-based nanotechnology for nasopharyngeal cancer screening** **Marijke Fagan-Endres | University of Capetown | South Africa** ****ORAL PRESENTATION SLOTS ARE AVAILABLE**
Networking & Refreshment Break 16:00-16:15	

Session: Environmental Biotechnology | Industrial Biotechnology | Bioinformatics	
Session Chair: Afaf Algroshi | Liverpool John Moores University | UK	
16:15-16:45	**Title: Kinetic Study of the Biodegradation of Acephate by Indigenous Soil Bacterial Isolates in the Presence of Humic Acid and Metal Ions** **Tatiana G. Volova** | Siberian Federal University | Russia
16:45-17:15	**Title: Novel metal–organic framework-based photocrosslinked hydrogel system for efficient antibacterial applications** **Sara Kanje** | KTH- Royal Institute of Technology | Sweden
17:15-17:45	**Title: Genes associated with amyloid-beta-induced inflammasome-mediated neuronal death identified using functional gene trap mutagenesis approach** **Gelila Tamyalew Eshete** | Julphar | Ethiopia
Session: Environmental Biotechnology | Industrial Biotechnology | Bioinformatics	
PP01	**Title: Tunable morphological changes of asymmetric titanium nanosheets with bactericidal properties** **Liberata Sportiello** | University of Campania | Italy
Thanks Giving & Closing Ceremony	

Saturday | December 16, 2023 | Day 3	
09:00-09:15 - Opening Ceremony	
KEYNOTE FORUM	
9:15-10:00	**Title: Lvad-stem cell combination therapy in non-ischemic dilated cardiomyopathy patient: Case report** **Laura Munoz | Federico Santa Maria Technical | Chile**
	****Keynote PRESENTATION SLOTS ARE AVAILABLE**
Networking & Refreshment Break 11:30-11:45	
11:45-12:30	**Title: Venetoclax and hypomethylating agents followed by allogeneic stem cell transplantation in patients with acute myeloid leukemia** **Christina Rautenberg** | University Hospital Essen | Germany
Session: Food Biotechnology | Concepts of Stem Cell Research | Bioprocess Technology	
Session Chair: Gaurisankar S A | Bose Institute | India	
12:30-13:00	**Title: Generation of one induced pluripotent cell (iPSC) line (BBANTWi011-A) from a patient carrying an IPO8 bi-allelic loss-of-function mutation** **Alexander Schmidt** | Petersburg Nuclear Physics Institute | Russia
13:00-13:30	**Title: Two induced pluripotent stem cell (iPSC) lines derived from patients affected by waardenburg syndrome type 1 retain potential to activate neural crest markers** **Anne H. Monsoro-Burq** | PSL Research University | France

	Lunch Break 13:30-14:30
14:30-15:00	**Title: Generation of a PDGFRB-mCherry knock-in reporter human induced pluripotent stem cell line (KITi001-A-1), using CRISPR/Cas9 nuclease** **Eunil Hahm** | Konkuk University | South Korea
	****ORAL PRESENTATION SLOTS ARE AVAILABLE**
	Networking & Refreshment Break 16:00-16:15
	Poster Forum (17:45-18:45)
PP01	**Title: Novel tyrosine kinase inhibitors to target chronic myeloid leukemia** **Mujde Eryilmaz** | Ankara University | Turkey
	PANEL DISCUSSION
	Certificates and Award Presentations
	Thanks Giving & Closing Ceremony

Note: The program schedule is subject to change