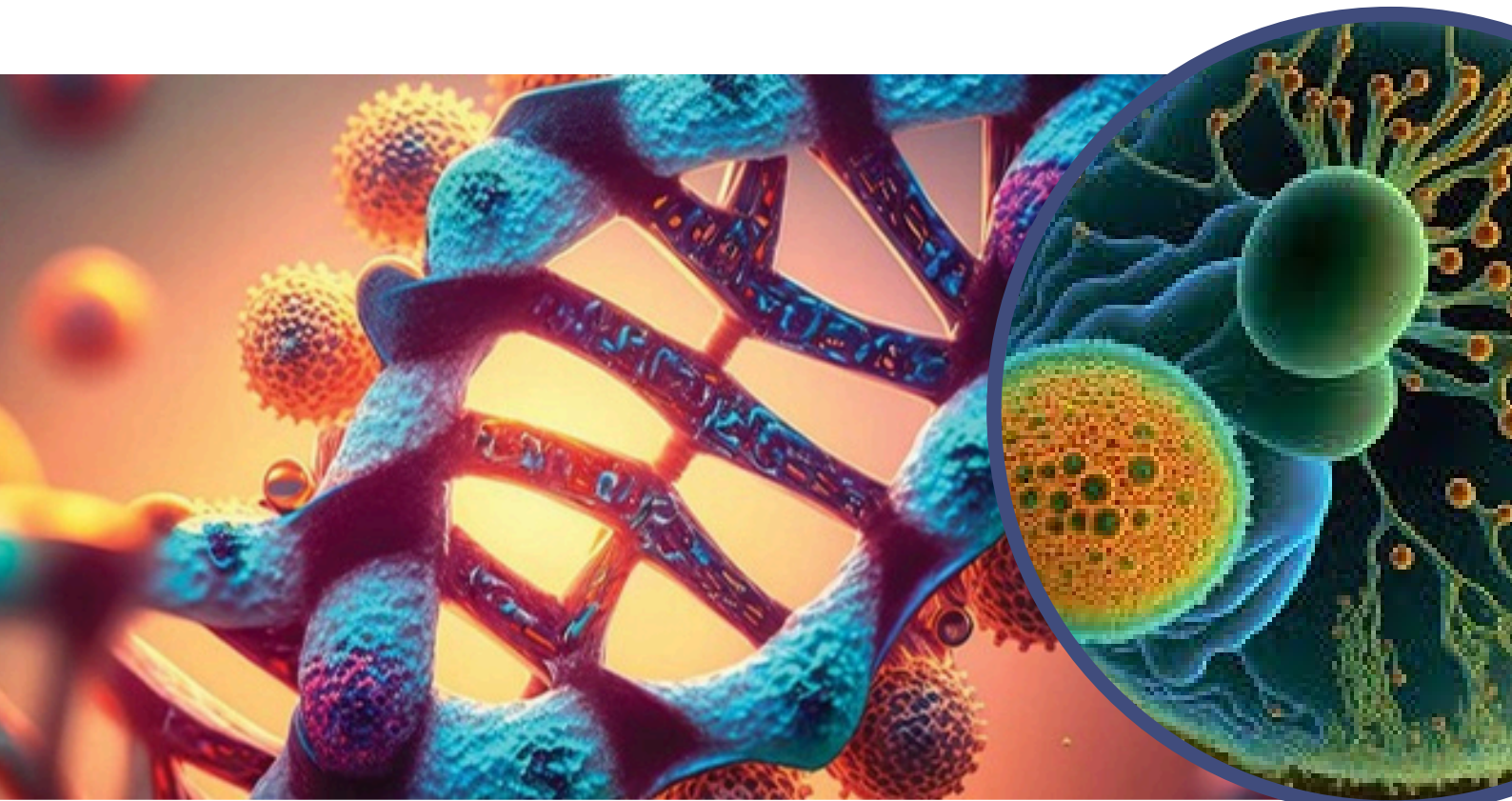


FINAL PROGRAM

Joint Conference on

STEM CELL, GENETICS & BIOCHEMISTRY 2024



Theme : Revolutionizing Healthcare through Stem Cells, Genetic Engineering, and Biochemistry



Hotel Name: Intercity Hotel Zurich Airport

Address: Flughofstrasse 63, 8153 Rümlang, Switzerland

09 December, 2024

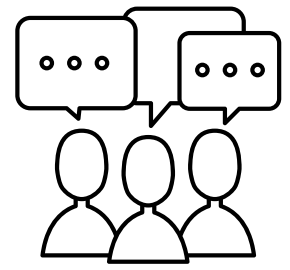
09:00 AM - 19:00 PM

Zurich
Switzerland



December 09-2024

08:00 AM-08:30 AM Registrations
08:30 AM-08:45 AM Opening Ceremony



Conference Hall

08:45 AM-09:00 AM Introduction

Keynote Forum

09:00 AM -09:30 AM



Title : Epigenetic and Chromatin Regulation of Aging in Mammalian Stem Cells

Dr. Weiwei Dang

Baylor College of Medicine, USA

Oral Presentation

09:30 AM - 09:50 AM



Title : Integrative In Silico Analysis of Proteomic and Transcriptomic Data Identifies Novel Genes and Pathways Implicated in Autism Spectrum Disorder

Dr. Walaa Mohammedsaeed

Taibah University, Saudi Arabia

09:50 AM - 10:10 AM



Title : Utilizing Endometrial Organoids for Safety Assessment of Traditional Chinese Medicines: A Case Study on Atractylodes Macrocephala Rhizome

Dr. Hongliang Xie

Zhejiang University, China

10:10 AM - 10:30 AM



Title : Chemotherapy-mediated lncRNA-induced Immune Cell Plasticity in Cancer Immunopathogenesis

Dr. Jinli Wang

Georgetown University, USA

10:30 AM - 10:50 AM



Title : Umbilical Cord Blood-derived Mesenchymal Stem Cells are an Elixir as a Regenerative Medicine Therapy to Cure Wounds in Livestock

Dr. Dhruba Malakar

National Dairy Research Institute, India

10:50 AM - 11:10 AM



Title : Mitochondria as Biosensors for Toxicological and Pathophysiological Evaluation

Dr. Joyce Santana Rizzi

Sao Paulo State University, Brazil

11:10 AM - 11:30 AM: Coffee Break (20 min) 

11:30 AM - 11:50 AM



Title : Cell Quantification in Digital Contrast Microscopy Images with Convolutional Neural Networks Algorithm

Dr. Guilherme Silveira

Carlos Chagas Institute, Brazil

11:50 AM - 12:10 PM



Title : Microbial Lactones: A Bibliometric Review of γ -lactone Production by Biotechnological Processes and Technological Prospection with Focus on γ -dodecalactone

Dr. Narendra Narain

Federal University of Sergipe, Brazil

12:10 PM - 12:30 PM



Title : Traits-of-interest Through Genome Editing in Eggplant

Dr. Martin Kottackal

Khalifa Center for Genetic Engineering and Biotechnology, UAE

12:30 PM - 12:50 PM



Title : Effectiveness of Metformin as Initial Treatment on Metabolic Profile of Newly Diagnosed Saudi Diabetics: A Prospective Observational Study

Dr. Huda M. Alkreathy

King Abdulaziz University, Saudi Arabia

12:50 PM - 13:00 PM



PHOTOGRAPHY SESSION

13:00 PM - 14:00 PM



LUNCH BREAK

14:00 PM - 14:20 PM (Virtual Presentation)



Title : Comparative Bio-accumulation of Osmoprotectants in Saline Stress Tolerating Plants: A Review

Dr. Suhas J. Vyas

Bhakta Kavi Narsinh Mehta University, India

14:20 PM - 14:40 PM



Title : Genome Characterization of blaNDM-1 Harbours Emerging Pathogen Acinetobacter Lactuca Strains from Immunocompromised Patients

Dr. Prashanth. K

Pondicherry University, India

14:40 PM - 15:00 PM



Title : Modelling Neurological Pathology in Congenital Disorders of Glycosylation Using iPSC-derived Brain Organoids: Unveiling Mechanisms and Therapeutic Targets

Dr. Tamas Kozicz

Icahn School of Medicine at Mount Sinai, USA

15:00 PM - 15:20 PM



Title : Impact of Social Determinants of Health on Genome Plasticity

Dr. Kenneth S. Ramos

Texas A&M Institute of Biosciences & Technology, USA

15:20 PM - 15:40 PM



Title : Cell-based Regenerative Endodontics for the Treatment of Irreversible Pulpitis

Dr. Mike Sabeti

University of California, USA

15:40 PM - 16:00 PM (Poster Presentation)



Title : Systematic Review on Clinical Applications of Stromal Vascular Fraction and Proposed Reporting Guidelines (CLINIC-STRA-SVF)

Dr. Lydia Masako Ferreira

Federal University of Sao Paulo, Brazil

16:00 AM - 16:20 AM: Coffee Break (20 min) 

16:20 PM - 16:40 PM (Poster Presentation)



Title : Evaluation of the Efficacy of Salvianolic Acid C in the Treatment of Neonatal Hypoxic-ischemic Encephalopathy based on Human Brain Organoids

Dr. Xuan Mou

Zhejiang University, China

16:40 PM - 17:00 PM (Virtual Presentation)



Title : Systemic Immunosuppression does not Affect Revascularization Outcomes in Patients with Chronic Limb-threatening Ischemia

Dr. Andy Lee

Beth Israel Deaconess Medical Center, USA

17:00 PM - 17:20 PM (Virtual Presentation)



Title : CD24+CD44+CD54+EpCAM+ Gastric Cancer Stem Cells Predict Tumor Progression and Metastasis: Clinical and Experimental Evidence

Dr. Elizabeth Ortiz-Sánchez

The National Cancer Institute, Mexico

17:20 PM - 17:40 PM (Virtual Presentation)



Title : Artificial Mitochondrial Transfer: A Novel Strategy for Mesenchymal Stem Cell Rejuvenation and Enhanced Therapeutic Potential

Dr. Lynda Bourebaba

Wroclaw University of Environmental and Life Sciences, Poland

17:40 PM - 18:00 PM (Virtual Presentation)



Title : Lab-scale Cultivation and Sample Handling: Towards Machine Learning-guided Automation

Dr. Dania Awad

Technical University of Munich, Germany

Upcoming Conferences 2025

Bookmark Your Dates

2nd International Conference on Stem Cell & Regenerative Medicine 2025

Date: November 10-12, 2025

Place: Barcelona, Spain

2nd International Conference on Genetics & Genome Research 2025

Date: November 10-12, 2025

Place: Barcelona, Spain

2nd International Conference on Biochemistry & Molecular Biology 2025

Date: October 13-15, 2025

Place: Tokyo, Japan

Thank You

