



08-10
OCTOBER 2025

Joint Conference

Pharma, Vaccines and Infectious Diseases Conference - 2025



**Intercity Hotel
Geneva,
Switzerland**



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pharma-meetings.com
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+41 77 414 46 91

08:30-08:50

Onsite Registrations

08:50-09:00

Introduction & Welcome Message

KEYNOTE PRESENTATIONS

09:00-09:30

— **Ai in Pharmacovigilance: Progress Report from CIOMS Working Group**
Lembit Rago, *Council for International Organizations of Medical Sciences, Switzerland*

09:30-10:00

— **Therapeutic Targeting of Ligand-Free Signaling of G Protein Coupled Receptors: Application in Opioid Pain Therapy and Opioid Use Disorder**
Sadee Wolfgang, *University of California San Francisco, USA*

10:00-10:30

— **Defects in Mitochondrial Functions in Redox-defective Diseases and Prospect Studies Toward Protection by Means of Combined Mitochondrial Nutrients**
Giovanni Pagano, *University of Naples Federico II, Italy*

Coffee Break 10:30-10:45

Session Chair: Andreas Engel | Co-Chair: Nigel J Smart

ORAL PRESENTATIONS

10:45-11:10

— **Nanoscale Protein Purification and Multi-Mode Grid Writing for Cryogenic Electron Microscopy (cro-EM) to Accelerate Drug Discovery and Screening**
Andreas Engel, *University of Basel, Switzerland*

11:10-11:35

— **Cooperative Intelligence in Pharmaceutical Manufacturing**
Nigel J Smart, *SMART Pharmaceutical Consulting, USA*

11:35-12:00

— **A New Era in Microbiota Modulation: Microbiota Balance Through Probiotic-in-Oils Innovation**
Kayhan Hulya, *Founder Art de huile Aromatherapy, UK*

12:00-12:25

— **Antimicrobial, Antioxidant, Cytotoxic, and Eco Safety Properties of Sol-Gel-Prepared Silica-Copper Nanocomposite Materials**
Iliana Ivanova, *Sofia University, Bulgaria*

12:25-12:50

— **Bridging Diabetes and Alzheimer's Disease: 2-Oxoindolin-Thiazolidines as a Scaffold-Based Therapeutic Solution**
Tarek Aboul Fadl, *Assiut University, Egypt*

Group Photo and Lunch Break 12:50-13:35

ORAL PRESENTATIONS

13:35-14:00

— **30,000 Nanotextured Implants in Humans With No Failures (and No Drugs)**
Thomas J. Webster, *Hebei University of Technology, China*

14:00–14:25

- Insights into Investigating Anti-rheumatoid Arthritis Therapeutic Effects and Mechanisms of Traditional Medicine

Yarigui Bao, Inner Mongolia Medical University, China

14:25–14:50

- Virus-based Enzymatic Nanoreactors for Enzyme Replacement Therapy

Rafael Vazquez-Duhalt, National Autonomous University of Mexico, Mexico

14:50–15:15

- Revolutionizing Drug Delivery Systems: Insights from Insulin

Małgorzata Masierek, Bioton S.A, Poland

15:15–15:40

- Therapeutic Effect of Novel Selenium Nanoparticles Enriched Intravesical BCG for Immunotherapy of Mouse Model of Bladder Cancer

Mohammad Hossein Yazdi, Center Tehran University of Medical Sciences, Iran

Coffee Break 15:40–15:55

ORAL PRESENTATIONS

15:55–16:20

- Novel Vaccine Approaches in Wildlife Conservation: Conservation Pharmaceuticals Bridging Gaps in Global Salmonella Control

Francis T. Scullion, Veterinary Services, N. Ireland

16:20–16:45

- Effect of Probiotic *Lactobacillus rhamnosus* on the Gut Microbiota and Growth Performance of *Cirrhinus mrigala* (Mori)

Sadaf Aman, Minhaj University Lahore, Pakistan

YOUNG RESEARCHERS SESSION

16:45–17:10

- Eukaryotic Ribosomal Proteins as Potential Targets for Phenazine Compounds

Li Xiangpu, Belarussian State University, Belarus

17:10–17:30

- Impact of Single- vs. Multi-Step Casting on Drug Loading in Voriconazole-Loaded Microneedle Patches for Treating Fungal Keratitis

B.H. Jaswanth Gowda, Queen's University Belfast, UK

****Few slots available****

KEYNOTE PRESENTATIONS

- 09:00–09:30** — The Path to Localizing Vaccine Production in LMICs
Pierre A. Morgon, *CEO MRGN Advisors, Switzerland*
- 09:30–10:00** — Forced Intracellular Degradation of Xenoantigens as a Novel Modality for Cell-Based Cancer Immunotherapy
Rafei Mouthih, *University of Montreal, Canada*

Coffee Break and Group Photo 10:00-10:15

Session Chair: Paco Pino | Co-Chair: Ahmad Salman

ORAL PRESENTATIONS

- 10:15–10:40** — Monitoring the Immune System's Response via Infrared Spectroscopy of White Blood Cells Based on Machine Learning: A Rapid Approach to Distinguish Bacterial from Viral Infections in Febrile Pediatric Oncology Patients
Ahmad Salman, SCE-Shamoon College of Engineering, Israel
- 10:40–11:05** — Development of the A129 Mouse Model for Investigating Antibody-Dependent Enhancement in Dengue Virus Infection and Single Cell Sequencing Analysis
Mya Myat Ngwe Tun, Nagasaki University, Japan
- 11:05–11:30** — The Voyage of FrankenSpike™: A Pioneering Pan-Protective Coronavirus Vaccine Approach
Paco Pino, ExcellGene SA, Switzerland
- 11:30–11:55** — *Leishmania Tarentolae* as a Potential Live Vaccine Co-Expressing Distinct Salivary Gland Proteins Against Experimental Cutaneous Leishmaniasis in a BALB/c Mice Model
Sima Rafati, Pasteur Institute of Iran, Iran
- 11:55–12:20** — Human Low Molecular Weight Leukocyte Extract as an Immunomodulatory Adjuvant to Albendazole in Experimental *Echinococcus Multilocularis* Infection
Gabriela Hrckova, Slovak Academy of Sciences, Slovakia

Lunch Break 12:20-13:05

ORAL PRESENTATIONS

- 13:05–13:30** — Bionic Inhalation Crystalline Microspheres of Budesonide Series Open Up a New Era of Inhalant 2.0
Yongda Sun, 3S PharmaTech (3SPT LLC)CA, USA
- 13:30–13:55** — Occult Hepatitis C Infection Identified in Kidney Transplant and Hemodialysis Patients after Sustained Virological Response
Eliane Silva, University of Porto, Portugal
- 13:55–14:20** — Potential Biomedical Application of Metal Nanoparticles from Natural Sources
Pavlina Dolashka, Institute of Organic Chemistry with Centre of Phytochemistry, Bulgaria

14:20–14:45

Synthesis of biogenic nanoparticles from activated carbon from peach pits under different conditions

Aleksandar Dolashki, Institute of Organic Chemistry with Centre of Phytochemistry, Bulgaria

Coffee Break 14:45–15:00

ORAL PRESENTATIONS

15:00–15:25

Focused Ultrasonography in COVID-19: A Prospective Cross-sectional Study

Antony Kalliath, Amala Institute of Medical Sciences, India

15:25–15:50

The Forgotten Muscle: SIDS, Infection and the Diaphragm

Pontus Max Axel Siren, JGK Memorial Research Library, Switzerland

15:50–16:15

Viral Specificity and Longitudinal Analysis of T Cells in the Nasal Mucosa

Sabrina Ottolini, University of Pavia, Italy

16:15–16:40

Community-based Strategies to Facilitate Routine Childhood Immunization Uptake in the Rural Areas of Lesotho

Wanda Jacobs, University of Johannesburg, South Africa

16:40–17:05

Factors Impacting Adherence to Antiretroviral Therapy Among Children in Ekurhuleni Clinics, South Africa

Zelda Janse Van Rensburg, University of Johannesburg, South Africa

ORAL PRESENTATIONS

17:05–17:30

Indoor Air Quality and Infectious Disease Transmission: Carbon Dioxide Assessment in Resource-Constrained South African Households

Eunice Mutava, University of Johannesburg, South Africa

17:30–17:55

Dietary Gap of Macro and Micronutrients and Associated Risk Factors Among Pulmonary Tb Patients in Raipur District of Chhattisgarh.

Ashish Sinha, JNM Medical College, India

17:55–18:20

Personalized and Precision Medicine (PPM) as a Unique Healthcare Model Through Biodesign-Inspired Applications to Secure the Human Healthcare and Biosafety: Vaccinomics in the Era of Personalized & Precision Healthcare Services

Sergey Suchkov, National Center for Human Photosynthesis, Mexico

*****Note: Final program may have changes in timings and session slots.*****

VIRTUAL PRESENTATIONS

- 09:00–09:30** ● **Future of Therapeutics: mRNA-LNP Platforms and Predict AI models for drug delivery**
Ravi Maharjan, Yonsei University, South Korea
- 09:30–10:00** ● **Adhesive Phytoadaptogen Vaccines for Preventive Oncology and Gerontology**
O.A. Bocharova, N.N. Blokhin National Medical Research Center of Oncology, Russia
- 10:00–10:30** ● **Crisis Communication in Immunization: Lessons Learned from Outbreaks and Public Health Threats in Nigeria**
Nuhu Diraso Gapsiso, University of Maiduguri, Nigeria
- 10:30–11:00** ● **Site-directed Mutagenesis of the Tolq Gene in Bacteria Pseudomonas Chlororaphis Subsp. Aurantiaca B-162**
Kristina Bondareva, Belarussian State University, Belarus
- 11:00–11:30** ● **1. Serological Evidence of SARS-CoV-2 Exposure in Domestic Cats and Dogs in Lebanon
2. Zoonotic Risk and Seroprevalence of Toxoplasma gondii in Chickens Slaughtered in Tripoli, Lebanon**
Sara Khalife, Beirut Arab University, Lebanon
- 11:30–12:00** ● **Backdrop of Ayurveda In Arthritis a Current Scenario**
Prashant Sakharam Bhokardankar, Medical college Hospital and Research Centre Nagpur, India
- 12:00–12:30** ● **AI-Powered Web Platform for Predicting Drug-Induced Neurotoxicity Using Multi-Omics Data**
Amaan Arif, Amity University Uttar Pradesh, India
- 12:30–01:00** ● **Grassroots Mobilisation: Leveraging Civil Society and Community Leadership to Bridge Gaps in Vaccine Coverage**
Votta Marianoi, Active Citizenship Network, Italy



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