

Vaccines Virtual Conference 2025



SCIENTIFIC PROGRAM

7th International Virtual Conference on
Vaccines & Infectious Diseases

December 12-13, 2025

Virtual Conference (Online Meeting)

Delight Scientific Conferences

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<https://vaccinecongress.delightscientific.com/>

SCIENTIFIC PROGRAM

Vaccines Virtual Conference 2025, December 12-13, 2025

Time: 10:00 AM Time Zone: GMT+0, London, UK

December 12, 2025 | Time: 10:00 AM

Opening Ceremony | 10:00 -10:05 AM

Keynote Speaker Session

Presentation Time: 10:05-10:30

Dr. Chao Quan, Department of Surgery, University of Michigan Medical School, USA

Presentation Title: Humanized Monoclonal Antibody Against Citrullinated Histone H3 Attenuates Sepsis-Induced Acute Lung Injury.

10:30-10:55

Dr. Yongqing Li, Department of Surgery, University of Michigan Medical School, USA

Presentation Title: Humanized Monoclonal Antibody Against Citrullinated Histone H3 Attenuates Sepsis-Induced Acute Lung Injury.

10:55-11:20

Dr. Tamara Margaryan, University of Southern California, USA.

Presentation Title: Validation of the APOBEC3A-mediated RNA single base substitution signature.

11:20-11:45

Dr. Nurpeisova Ainur, Research Institute for Biological Safety Problems, Kazakhstan.

Presentation Title: Insights of SARS-CoV-2 RNA and Neutralizing Antibodies Detection in Companion Animals in Kazakhstan.

11:45-12:10

Dr. Kunsulu Zakarya, National Holding QazBio-Pharm, Kazakhstan.

Presentation Title: VECTOR VACCINE FOR THE PREVENTION OF TUBERCULOSIS IN CATTLE.

12:10-12:35

Dr. Assiya Mussayeva, Kazakh Scientific Research Veterinary Institute, Kazakhstan.

Presentation Title: Development of a Candidate Vaccine Against Salmonella Abortusovis in Sheep.

12:35-13:00

Dr. Barbara De Bernardi, Vaccine Research and Development and Worldwide Safety, Safety Surveillance and Risk Management, Pfizer, Italy

Presentation Title: Signal detection, challenges and lesson learned from Covid-19 pandemic

13:00-13:25

Dr. Ouedraogo Salfo, School of Public Health, Texila American University of Zambia, Zambia

Presentation Title: Navigating the Road to Immunization Equity: Systematic Review of Challenges in Introducing New Vaccines into Sub-Saharan Africa's Health Systems

13:25-13:50

Dr. Fikret Sahin, Ankara University, Turkey

Presentation Title: "A Universal Vaccination Strategy: Harnessing Viral Fusion Glycoproteins for Membrane-Targeted Antigen

13:50-14:15

Dr. Abdolkarim Sheikhi, Queen's University, Kingston, Canada

Presentation Title: Novel sACE2-Anti-CD16VHH Fusion Protein Surreptitiously Inhibits SARS-CoV-2 Variant Spike Proteins and Macrophage Cytokines, and Activates Natural Killer Cell Cytotoxicity

14:15-14:40

Dr. Alireza Nomani, Formulation Development Group, Regeneron Pharmaceuticals, USA

Presentation Title: Polysorbate-based Lipid Nanoparticles for Enhanced mRNA Vaccine Delivery and Stability

14:40-15:05

Dr. Xingmin Sun, University of South Florida, USA

Presentation Title: Cell wall protein 2 as a vaccine candidate protects mice against *Clostridioides difficile* infection.

Plenary Speaker Session

Scientific Sessions

Session 01: Emerging and Re-Emerging Infectious Diseases

Session 02: Orthopaedic Infections

Session 03: Infection, Immunity and Inflammation

Session 04: Allergy & Asthma and Human Vaccines

Session 05: Allergy & Asthma and Human Vaccines

Session 06: Paediatric Infectious Diseases

Session 07: Blood Infectious Diseases

Session 08: Infectious & Non-Infectious Diseases

Sessions Chairperson

Dr. Margherita Passariello, University of Naples Italy

15:05-15:30

Dr. Khatereh Zarkesh, Hormozgan University Iran

Presentation Title: Harnessing Antiviral Peptides as Means for SARS-CoV-2 Control

15:30-15:55

Dr. Carlos A. Sanchez, Universidad Peruana de Ciencias Aplicadas, Peru

Presentation Title: Impact of Pneumococcal Conjugate Vaccination in Peru, 2003-2017 - direct and indirect benefits in the context of secular trends

15:55-16:20

Dr. Anízia Aguiar Neta, Fundação Oswaldo Cruz – Fiocruz/ Manaus/ Amazonas, Brasil

Presentation Title: Access to Vaccines in Floodplains and Hard-to-Reach Areas of the Brazilian Amazon: The Contribution of Street-Level Bureaucrats and the Use of Social Technologies

16:20-16:45

Dr. Margherita Passariello, University of Naples Italy

Presentation Title: Comparative analysis of human neutralizing mAb specific for SARS-CoV-2 Spike-RBD with the clinically approved mAbs for the efficacy against the omicron variant and combinatorial treatments for therapeutic and diagnostic applications.

16:45-17:10

Dr. Syed Shaukat Ali Muttaqi Shah, Faculty of Pharmacy, University of Karachi, Karachi, Pakistan

Presentation Title: Childhood vaccine compliance in Baghdad, Iraq

17:10-17:35

Dr. Esmaeil Roohparvar Basmenj, Tarbiat Modares University, Tehran, Iran

Presentation Title: Design of a multi-epitope-based peptide vaccine against the SARS-CoV-2 Omicron variant using bioinformatics approach

17:35-18:00

Dr. Andrew Karani, Washington State University – Global Health, Kenya

Presentation Title: Low-Level Zoonotic Transmission of Clade C MERS-CoV in Africa: Insights from a Scoping Review and Cohort Studies in Hospital and Community Settings.

18:00-18:25

Dr. Anjali Priyadarshani, University of Delhi, India

Presentation Title: The Noscapine Saga: Unravelling a Valuable Jewel from a Poppy Pod—Past, Present and Future

18:25-18:50

Dr. Jian-Dong Huang, Ulster University, UK

Presentation Title: Detecting Respiratory Viruses Using a Portable NIR Spectrometer—A Preliminary Exploration with Data Driven Approach

Poster Presentation Session (18:50-20:00)

P001

Dr. Deepika Subramanyam, Baylor College of Medicine, Houston, United States

Presentation Title: Platelet Protein Phosphatase 1 Attenuates Kidney Injury In Models Of Sepsis-Induced TAMOF

P002

Dr. Ritesh Kumar, Bidhan Chandra Krishi Viswavidyalaya, India

Presentation Title: Characterization and Identification of Native Pseudomonads from Red and Lateritic Regions of West Bengal

P003

Dr. Alije Keka-Sylaj, University of Prishtina, Kosovo

Presentation Title: Multisystem Inflammatory Syndrome in Children (MIS-C), Possibly Due to COVID-19 mRNA Vaccination

P004

Dr. Lebeza Alemu Tenaw, Woldia University, Ethiopia

Presentation Title: Sexual and psychological consequences of rape among survivors during armed conflicts in northeast Ethiopia

P005

Dr. Dorsaf Bouzazi, Tunis El Manar University, Tunisia

Presentation Title: Natriuretic-like peptide lebetin 2 mediates m2 macrophage polarization in lps-activated raw264.7 cells in an il-10 dependent manner

End of Session

Awards & Closing Ceremony

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