




# IN-PERSON CONFERENCE

**PROGRAM- AT-A-GLANCE**



**Peers Alley Media**

1126 59 Ave East, V5X 1Y9, Vancouver BC, Canada

 WhatsApp No: +1 (873) 371-5878

Joint Event

# Advances in Clinical and Cellular Immunology



# Global Virology Congress

**SEPTEMBER 23-24, 2024**  
Barcelona, Spain

## **SCIENTIFIC PROGRAM**

**ADV. IMMUNOLOGY 2024 & FUTURE VIROLOGY 2024**

# DAY 1

SEPTEMBER 23, 2024

# Scientific Program

07:45-08:20 Registrations

08:20-08:30 Opening Ceremony

**Moderator** Jacki Kornbluth, Saint Louis University, St. Louis VA Healthcare System, USA

**Chair** Jacques Pouyssegur, University Côte d'Azur, France; Scientific Center, Monaco

Topics: Immunology | Autoimmunity | Immune System | Cancer Immunology | Vaccines and Immunotherapy | Epidemiology | Immunodeficiency | Immunology of Infectious Diseases | General Virology | Antiviral Research | Antiviral Drug Discovery and Development | Coronavirus Disease COVID-19 | Medical Virology | Emerging and Re-emerging Viral Diseases | AIDS Research and Therapy | Cellular Microbiology | Clinical and Diagnostic Virology | Virus-Cell, Virus-Microbe, and Virus-Host Interactions

## Distinguished Speaker Talks

08:30-08:50

**Title: Prediction of the targeted immunotherapy based on the pathogenic mechanism for chronic inflammatory disease**

**Kazuyuki Yoshizaki**, *Osaka University, Japan*

08:50-09:10

**Title: Natural killer cell-derived extracellular vesicles kill treatment-resistant tumor cells**

**Jacki Kornbluth**, *Saint Louis University, St. Louis VA Healthcare System, USA*

09:10-09:30

**Title: The impact of nasal photodisinfection on SARS-CoV-2 infection**

**Richard Rusk**, *Rusk Medical Corporation, Canada*

09:30-09:50

**Title: Glycolysis controls tumor growth, bacterial, viral infections and immunity**

**Jacques Pouyssegur**, *University Côte d'Azur, France; Scientific Center, Monaco*

09:50-10:10

**Title: Global impact of Epstein-Barr virus infection in autoimmune diseases, including Immunoglobulin A nephropathy**

**Jiri Mestecky**, *University of Alabama Birmingham, USA*

10:10-10:30

**Title: Label free cell avidity detection of antibodies against immune related diseases**

**Richard B.M. Schasfoort**, *University of Twente, The Netherlands*

Group Photo 10:30-10:35

Refreshment Break 10:35-10:50

10:50-11:10	<p><b>Title: Extensive Aortic Dissection in a low risk male- A case report</b>  <b>Francis Anene</b>, <i>Darlington Memorial Hospital, United Kingdom</i></p>
11:10-11:30	<p><b>Title: Description of Sheep Pox outbreak occurred in Spain in 2022_23 and the challenges found, as well as the lesson learnt in relation with the control and eradication of the disease</b>  <b>Germán Cáceres Garrido</b>, <i>Ministry of Agriculture, Fisheries and Food (MAPA), Spain</i></p>
11:30-11:50	<p><b>Title: Tumor-derived soluble CD155 inhibits DNAM-1-mediated tumor immunity</b>  <b>Kazuko Shibuya</b>, <i>University of Tsukuba, Japan</i></p>
11:50-12:10	<p><b>Title: Decoding autoimmune control: The Intricacies of CLEC16A regulation</b>  <b>Marina Bakay</b>, <i>The Children's Hospital of Philadelphia, USA</i></p>
12:10-12:30	<p><b>Title: Sample size for estimating disease prevalence in free-ranging wildlife populations: A Bayesian modeling approach – Advances and recent developments</b>  <b>Carlos Gonzalez-Crespo</b>, <i>University of California, USA</i></p>
12:30-12:50	<p><b>Title: Emerging pharmacological strategies for treating and preventing mpox</b>  <b>Dennis E. Hruby</b>, <i>SIGA Technologies, USA</i></p>
<b>Group Photo 12:50-13:00</b>	
<b>Lunch Break 13:00-13:30</b>	
13:30-13:50	<p><b>Title: Acquired CFTR dysfunction and dense distribution of ionocytes in nasal mucosa of children with CRS</b>  <b>Yang Han</b>, <i>Capital Medical University, China</i></p>
13:50-14:10	<p><b>Title: Chronic graft-versus-host disease and refractory rhinosinusitis after allogeneic hematopoietic stem cell transplantation in children</b>  <b>Jinhao Zhao</b>, <i>Capital Medical University, China</i></p>
14:10-14:30	<p><b>Title: Vaccine hesitancy, a narrative review</b>  <b>Deona Taraj</b>, <i>University of Vlora "Ismail Qemali", Albania</i></p>
14:30-14:50	<p><b>Title: Putative roles of diabetes and obesity in severe dengue infections</b>  <b>Shamala Devi Sekaran</b>, <i>UCSI Hospital, Malaysia</i></p>
14:50-15:10	<p><b>Title: Worldwide today's challenges facing hepatitis B, risk factors, economic burden, self-management and elimination programs- A narrative review</b>  <b>Jerina Jaho</b>, <i>University of Vlora "Ismail Qemali", Albania</i></p>

15:10-15:30

**Title: Rhodococcosis mimiting tuberculosis in a patient with AIDS**  
**Gabriel Moreira Accetta**, *Universidade Estadual Paulista (UNESP), Brazil*

Refreshment Break 15:30-15:45

15:45-16:05

**Title: Integrated tools for detecting plant viruses and viroids using RNA-seq data**  
**Xiaojun Hu**, *United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), Plant Germplasm Quarantine Program (PGQP), USA*

16:05-16:25

**Title: Cardio vascular complications from COVID-19, a narrative review**  
**Stiliana Brokaj**, *University of Vlore "Ismail Qemali", Albania*

16:25-16:45

**Title: Middle East respiratory syndrome corona virus spread stochastic simulations and control in camels in the United Arab Emirates**  
**Magdi Mahmoud Mohamed Ali**, *United Arab Emirates Ministry of Climate Change and Environment (MoCCA), UAE*

16:45-17:05

**Title: The impact of covid-19 on mental health and suicide: A literature review**  
**Denada Kreshpaj**, *University of Vlore "Ismail Qemali", Albania*

17:05-17:25

**Title: BRD4-PRC2 represses transcription of T-helper-2 specific negative regulators during T-cell differentiation**  
**Ka Lung Cheung**, *Icahn School of Medicine at Mount Sinai, USA*

17:25-17:45

**Title: Smad cascade: Pleiotropic cardio-metabolic consequences in primary human immune cells**  
**Kareem Awad**, *University of Turku, Finland*

17:45-18:05

**Title: Real-time detection of single bioaerosol particles via differential circular polarization scattering (CIDS)**  
**Yong-Le Pan**, *DEVCOM Army Research Laboratory, USA*

18:05-18:25

**Title: Antiviral effects of six indigenous plants on viral causative agents of Bovine Respiratory Disease Complex (BRDC)**  
**Vladimir Kurćubić**, *University of Kragujevac, Serbia*

18:25-18:45

**Title: IgG level of the third booster dose for mRNA of SARS-CoV-2 vaccines among Iraqi healthcare workers**  
**Waleed Salih Rasheed**, *Duhok Polytechnic University, Iraq*

Panel Discussion

End of Day 1



# DAY 2

SEPTEMBER 24, 2024

# Scientific Program

08:20-08:30 Introduction

Session Chair

**Michael Bukrinsky**, The George Washington University School of Medicine and Health Sciences, USA

Session Chair

**Akira Shibuya**, University of Tsukuba, Japan

Topics: Immunology | Autoimmunity | Immune System | Cancer Immunology | Vaccines and Immunotherapy | Epidemiology | Immunodeficiency | Immunology of Infectious Diseases | General Virology | Antiviral Research | Antiviral Drug Discovery and Development | Coronavirus Disease COVID-19 | Medical Virology | Emerging and Re-emerging Viral Diseases | AIDS Research and Therapy | Cellular Microbiology | Clinical and Diagnostic Virology | Virus-Cell, Virus-Microbe, and Virus-Host Interactions

## Distinguished Speaker Talks

08:30-08:50

**Title: Extracellular vesicles carrying HIV-1 Nef induce myelin impairment in the mouse brain**

**Michael Bukrinsky**, The George Washington University School of Medicine and Health Sciences, USA

08:50-09:10

**Title: Enhanced Efferocytosis Ameliorates Ischemic organ damage**

**Akira Shibuya**, University of Tsukuba, Japan

09:10-09:30

**Title: Fungal secondary metabolites as antivirals against canine coronavirus**

**Filomena Fiorito**, University of Naples Federico II, Italy

09:30-09:50

**Title: Allogeneic use of a specific mesenchymal cell line to manage complex equine wounds**

**Marcela Nilda Garcia**, Universidad Nacional de La Plata (UNLP), Argentina

09:50-10:10

**Title: RBC alloimmunization among pediatric transfusion-dependent thalassemia patients**

**Mirette Hanna**, University of Toronto, Canada




10:10-10:30

**Title: Performance evaluation of the Access HBsAg and Access HBsAg Confirmatory assays on the Dxl 9000 Access Immunoassay Analyzer**

**Vanessa Roulet**, Beckman Coulter, Immunotech, France

Group Photo 10:30-10:35

Refreshment Break 10:35-10:50

10:50-11:10	<p><b>Title: Expanding the horizon of Virus-Like Particles (VLPs) for human and animal health</b></p> <p><b>Yolandy Lemmer</b>, <i>Council for Scientific and Industrial Research (CSIR), South Africa</i></p>
11:10-11:30	<p><b>Title: Nano-immunology: Using nanomaterials to control the immune response</b></p> <p><b>Thomas J. Webster</b>, <i>School of Health Sciences and Biomedical Engineering, China</i></p>
11:30-11:50	<p><b>Title: Prevalence and antibiogram of bacteria causing urinary tract infection among patients with chronic kidney disease</b></p> <p><b>Puspa Raj Khanal</b>, <i>Sumeru Hospital Pvt Ltd., Nepal</i></p>
 Poster 11:50-12:10	<p><b>Title: Future virology: Expanding the focus of undergraduate training</b></p> <p><b>Boriana Marintcheva</b>, <i>Bridgewater State University, USA</i></p>
 Poster 12:10-12:30	<p><b>Title: Unravelling the role of nuclear INPP5K in B cells biology: Insights into B cell activation and splicing regulation</b></p> <p><b>Alice Mostafa</b>, <i>University of Liège, Belgium</i></p>
 Poster 12:30-12:50	<p><b>Title: Canine coronavirus infection is exacerbated by dioxin</b></p> <p><b>Luca Del Sorbo</b>, <i>University of Naples Federico II, Italy</i></p>
<b>Group Photo 12:50-13:00</b>	
<b>Lunch Break 13:00-13:30</b>	
13:30-13:50	<p><b>Title: Probiotics as an adjunctive intervention in systemic lupus erythematosus: A systematic review</b></p> <p><b>Arezoo Faridzadeh</b>, <i>Mashhad University of Medical Sciences, Iran</i></p>
13:50-14:10	<p><b>Title: Unveiling the lockdown effects: Exploring behavior, dietary habits and weight changes in rural Egypt during covid-19 lockdown: A cross-sectional retrospective study</b></p> <p><b>Mahmoud Reda Saleh</b>, <i>Kafrelsheikh University, Egypt</i></p>
14:10-14:30	<p><b>Title: Epigenetic regulation of SETD8 methyltransferase in TNBS-induced colitis treated with carbamylated Erythropoietin</b></p> <p><b>Priscila Rodrigues Gomes Mendes</b>, <i>H&amp;TRC - Health &amp; Technology Research Center, Polytechnic Institute of Lisbon, Portugal</i></p>
14:30-14:50	<p><b>Title: Single-cell transcriptome revealed dysregulated RNA binding protein expression patterns and functions in human ankylosing spondylitis</b></p> <p><b>Yuan Ma &amp; Zheng Ren</b>, <i>Sixth Affiliated Hospital of Xinjiang Medical University, China</i></p>

14:50-15:10

**Title: Performance evaluation of the Access anti-HBc Total assay on the Dxl 9000 Access Immunoassay Analyzer**

**Rima Bayoud**, *Beckman Coulter Immunotech in Marseille, France*

15:10-15:30

**Pre-recorded Title: Epidemiological modeling with differential equations**

**Uzoma Kenneth Egeonu**, *Southern Illinois University, USA*

15:30-15:50

**Pre-recorded Title: Comparing clinical trial drug efficacy of biologics for atopic dermatitis by patient level characteristics**

**Adel Haque**, *Pennsylvania Dermatology Partners, USA*

Panel Discussion

End of Day 2





BOOKMARK  
YOUR DATES



3<sup>rd</sup> Euro-Global Summit on  
**Advances in Clinical and  
Cellular Immunology**  
&  
**3<sup>rd</sup> Global  
Virology Congress**

September 2025 | Berlin, Germany






# VIRTUAL CONFERENCE

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Virtual Event

# Advances in Clinical and Cellular Immunology



# Global Virology Congress

SEPTEMBER 24, 2024

## SCIENTIFIC PROGRAM

ADV. IMMUNOLOGY 2024 & FUTURE VIROLOGY 2024

# 2024

SEPTEMBER 24

# Scientific Program

BST (British Summer Time)

08:25-08:40 Opening Ceremony

Topics: Immunology | Autoimmunity | Immune System | Cancer Immunology | Vaccines and Immunotherapy | Epidemiology | Immunodeficiency | Immunology of Infectious Diseases | General Virology | Antiviral Research | Antiviral Drug Discovery and Development | Coronavirus Disease COVID-19 | Medical Virology | Emerging and Re-emerging Viral Diseases | AIDS Research and Therapy | Cellular Microbiology | Clinical and Diagnostic Virology | Virus-Cell, Virus-Microbe, and Virus-Host Interactions

Distinguished Speaker Talks

08:40-09:00

**Title: Signature for response to PD-L1 inhibitor in metastatic Urothelial Cancer**

**Grace S. Shieh**, *Institute of Statistical Science, Academia Sinica, Taiwan*

09:00-09:20

**Title: IgG level of the third booster dose for mRNA of SARS-CoV-2 vaccines among Iraqi healthcare workers**

**Waleed Salih Rasheed**, *Duhok Polytechnic University, Iraq*

09:20-09:40

**Title: Single-cell transcriptome revealed dysregulated RNA binding protein expression patterns and functions in human ankylosing spondylitis**

**Yuan Ma & Zheng Ren**, *Sixth Affiliated Hospital of Xinjiang Medical University, China*

09:40-10:00

**Title: Another battlefield within the war against viruses**

**Mohamed Abdelbary Wafa Mowafy**, *Imam Abdulrahman Bin Faisal University, Saudi Arabia*

10:00-10:20

**Title: A decade of CD4+ chimeric antigen receptor T-cell evolution in two chronic lymphocytic leukemia patients: were chronic lymphocytic leukemia cells present?**

**Dimitrios Bouzianas**, *BReMeL, Biopharmaceutical and Regenerative Medicine Laboratories, Greece*

10:20-10:40

**Title: Delineating mechanisms underpinning the monocyte monolayer to improve transfusion safety**

**Melinda Dean**, *University of the Sunshine Coast, Australia*

10:40-11:00	<p><b>Title: Polymyalgia rheumatica “the immunological puzzle”: Recent updates in diagnosis and management</b></p> <p><b>Rahma Elziaty</b>, <i>Ain Shams University, Egypt</i></p>
11:00-11:05 (E-Poster)	<p><b>Title: Antimicrobial effect using air catalyst called health bright in healthcare facility: A 3-year analyzing report</b></p> <p><b>Ikuma Kasuga</b>, <i>Tohto University, Japan</i></p>
<b>Refreshment Break 11:05-11:15</b>	
11:15-11:35	<p><b>Title: Molecular Characterization and Phylogenetic Analysis of Lumpy Skin Disease Virus (LSDV) in Ballari and Vijayanagara District, Karnataka, India</b></p> <p><b>Krishnaveni R</b>, <i>Vijayanagara Sri Krishnadevaraya University, India</i></p>
11:35-11:55	<p><b>Title: Will stem cell-based therapy or cell-free therapy replace conventional treatments for tissue regeneration?</b></p> <p><b>Iwona Deszcz</b>, <i>Wroclaw Medical University, Poland</i></p>
11:55- 12:15	<p><b>Title: Alleviative efficiency of quercetin-PLGA loaded nanoparticles against inflammatory and oxidative toxic effects of <i>Cerastes cerastes</i> venom</b></p> <p><b>Oussedik-Oumehdi Habiba</b>, <i>University of Sciences and Technology Houari Boumediene, Algeria</i></p>
12:15-12:35	<p><b>Title: A new paradigm for the role of extrathymic AIRE in the regulation of cytoskeleton: a case for Sertoli cells</b></p> <p><b>Dominik Filipp</b>, <i>Institute of Molecular Genetics of the Czech Academy of Sciences, Czech Republic</i></p>
12:35-12:55	<p><b>Title: In-Silico Investigation: Peptidomimetic Fullerene-Based Derivatives Targeting SARS-CoV-2 M<sup>pro</sup></b></p> <p><b>Noha Ali Saleh</b>, <i>Imam Abdulrahman Bin Faisal University, Saudi Arabia</i></p>
12:55-13:15	<p><b>Title: Prevalence and antibiogram of bacteria causing urinary tract infection among patients with chronic kidney disease</b></p> <p><b>Puspa Raj Khanal</b>, <i>Sumeru Hospital Pvt Ltd., Nepal</i></p>
13:15-13:35	<p><b>Title: Assessment of Mosquito-borne diseases threat: A Molecular Xenomonitoring approach</b></p> <p><b>R. Balasubramaniyan</b>, <i>ICMR-Vector Control Research Centre, India</i></p>
13:35-13:40 (E-Poster)	<p><b>Title: Evaluation of a care bundle to support healthcare workers wearing N95 masks</b></p> <p><b>Hermione Shea</b>, <i>Monash University, Australia</i></p>

Lunch Break 13:40-13:55

13:55-14:15

**Title: Global control of unprecedented and re-emerging pandemics: Challenges and perspectives**

**Ilias Elmouki**, *National School of Applied Sciences-Safi (ENSA-S), Morocco*

14:15-14:35

**Title: The effect of Alzheimeric brain homogenate on secretome of periodontal ligament stem cells spheroids: a promising neuroregenerative therapy for Alzheimer's disease**

**Fariba Mohebichamkhorami**, *Shahid Beheshti University of Medical Sciences, Iran*

14:35-14:55

**Title: A clinical neurological approach to the child with adenosine deaminase deficiency**

**Paula Ivarola**, *Hospital Nacional de Pediatría Prof. Dr. Juan P. Garrahan, Argentina*

14:55-15:15

**Title: Host cell factors involved in classical swine fever virus entry**

**Yaneysis Lamothe Reyes**, *Universidad San Sebastián, Chile*

15:15-15:25  
(E-Poster)

**Title: A new derivative of indole-3-Carboxylic Acid and its *In Vitro* antiviral activity**

**Alexander N. Narovlyansky**, *National Research Centre for Epidemiology and Microbiology named after the honorary academician N.F. Gamaleya, Ministry of Health of the Russian Federation, Russia*

Refreshment Break 15:25-15:50

15:50-16:10

**Title: Monocyte HLA-DR expression in refractory or recurring infections in the critically ill patient – a pilot study to better define late acquired immune dysfunction**

**Jan-Alexis Tremblay**, *Centre de recherche de l'Hôpital Maisonneuve-Rosemont, Canada*

16:10-16:30

**Title: Therapeutic trials for long COVID-19: A call to action from the intervention's taskforce of the RECOVER initiative**

**Hector Bonilla**, *Stanford University, USA*

16:30-16:50

**Title: Elimination of acquired resistance in immune checkpoint blockade therapy**

**Yong Lu**, *Houston Methodist Research Institute, USA*

16:50-17:10	<b>Title: Antisynthetase syndrome and the lung</b> <b>Lawrence H Brent</b> , <i>Temple University Hospital, USA</i>
17:10-17:30	<b>Title: Predicting response to immunotherapy in non-small cell lung cancer- from bench to bedside</b> <b>Benjamin Spieler</b> , <i>University of Miami, USA</i>
17:30-17:50	<b>Title: Characterization of circulating macromolecular immune complexes in the serum of IgA nephropathy patients</b> <b>Rajindra Prasad Aryal</b> , <i>Harvard Medical School, USA</i>
17:50-18:10	<b>Title: NeoExpand: neoantigen-specific stimulation of T cells for effective expansion for adoptive cellular therapies</b> <b>Sanghyun (Peter) Kim</b> , <i>National Cancer Institute, USA</i>
18:10-18:30	<b>Title: Short chain fatty acids in cancer pathogenesis</b> <b>Mark A. Feitelson</b> , <i>Temple University, USA</i>
18:30-18:50	<b>Title: Anionic pulmonary surfactant Lipids antagonism against multiple respiratory viral infections and</b> <b>Mari Numata-Nakamura</b> , <i>National Jewish Health, USA</i>
18:50-19:10	<b>Title: Clinical study of anogenital condyloma acuminata treatment with photodynamic therapy including immunocompromised conditions</b> <b>María Paulina Romero Obando</b> , <i>Escuela Politécnica Nacional, Ecuador</i>
19:10-19:30	<b>Title: Condom use and drug consumption in migrants</b> <b>Cynthia Lizbeth Ruiz Bugarin</b> , <i>Universidad Autónoma de Baja California, México</i>
19:30-19:50	<b>Title: Wild rabies in the context of one health</b> <b>Paulina Fragosó-Zamora</b> , <i>Universidad Autónoma de Querétaro, Mexico</i>
19:50-20:10	<b>Title: Granulomatosis with Polyangitis (Small vessel vasculitis)</b> <b>Daram Varun Kumar</b> , <i>Gandhi Medical College, India</i>
20:10-20:20 (E-Poster)	<b>Title: Vemurafenib- and vobimetinib-associated drug reaction with eosinophilia and systemic symptoms in a patient with metastatic melanoma</b> <b>Salsabeal Al Saedy</b> , <i>Washington State University, USA</i>

### Panel Discussion

### Closing Remarks



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