

FINAL PROGRAM

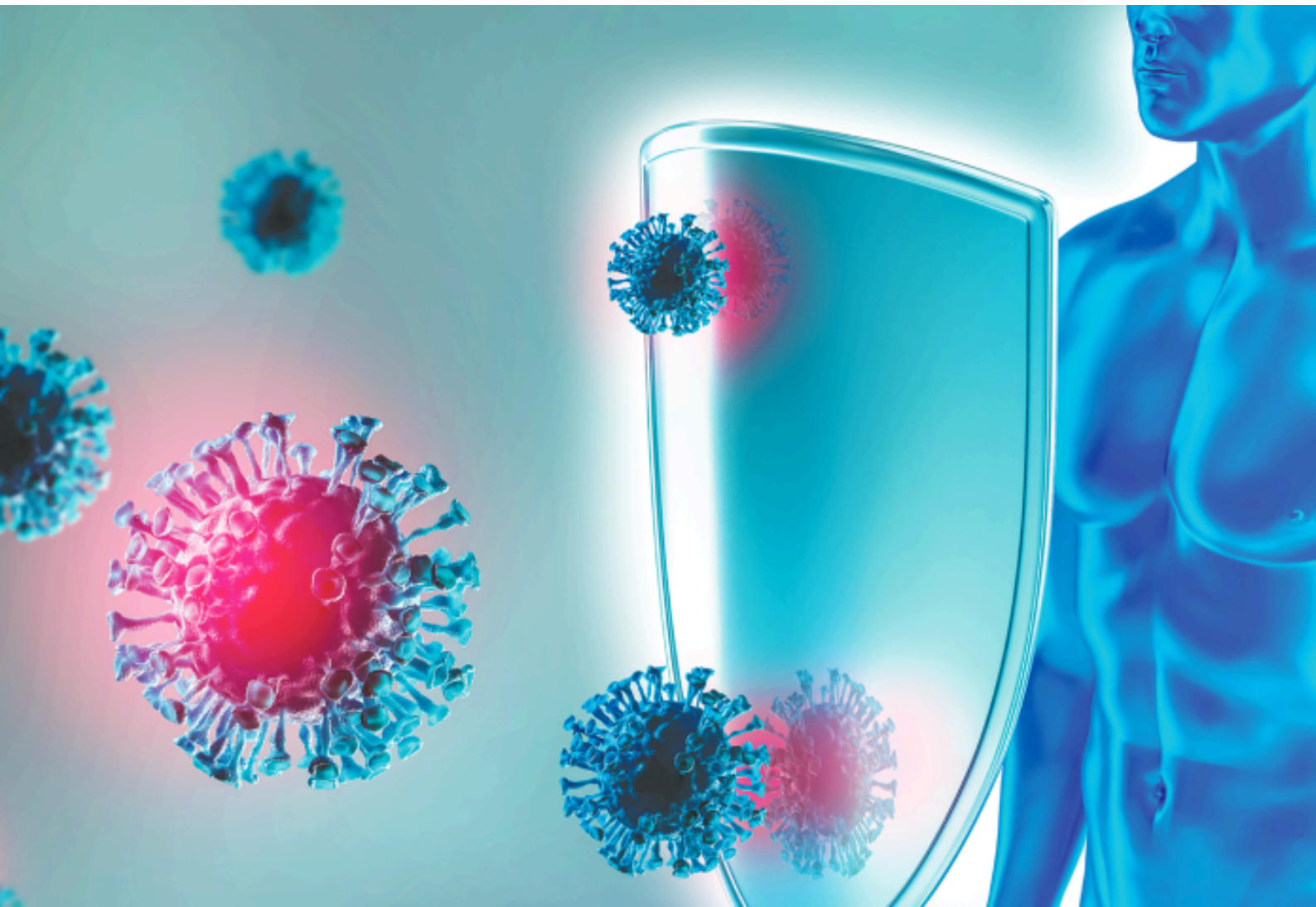
2nd World Summit and Expo on
Immunology

July 14-15, 2025 | Valencia, Spain

Conference Venue:

Sercotel Sorolla Palace

Address: Ave De Las Cortes Valencianas 58,
Valencia, Spain, 46015



08:45-09:15 Onsite Registrations and Badge Pickup

09:15-09:30 Opening Ceremony & Introduction

Plenary Talks

Moderator: Aikaterini Kadianaki, German Cancer Research Center (DKFZ), Germany

09:30-10:10 Title: Regulation of Host Anti-Tumor Immunity by Human FOXP3+ Treg Cells
Wayne Hancock, *University of Pennsylvania, USA*

10:10-10:50 Title: Immunotherapy of Cancer
Angel Porgador, *University Of the Negev, Israel*

10:50-11:05 **Coffee Break**

11:05-11:45 Title: HIV Latency & Reactivation in Primary Human Monocyte-Derived Macrophages (MDM) Polarised as M1 Cells
Poli Guido, *Vita-Salute San Raffaele University, Italy*

Keynote Talks

11:45-12:15 Title: Mesenchymal stromal cell-based immunotherapy: the past, the present, and the future!
Mouthih Rafei, *University of Montreal, Canada*

12:15-12:45 Title: Cancer Immunotherapy and Immune Cells Activation by Hapten-Enhanced Chemotherapy thorough Immune Self Nano Particals in Tumor
Baofa Yu, *Taimei Baofa Cancer Hospital, China*

12:45-13:00 **Group Photograph**

13:00-14:00 **Lunch Break**

14:00-14:30 Title: The LFA-1-ICAM-1 Axis in Lymphocyte Migration and Differentiation in Infection and Cancer: Findings and Puzzles
Ronen Alon, *Weizmann Institute of Science, Israel*

14:30-15:00 Title: Sensing sperm by maternal innate immunity toward pregnancy: Toll-like receptor 2 (TLR2) is a main system in cattle
Akio Miyamoto, *Obihiro University of Agriculture & Veterinary Medicine, Japan*

15:00-15:30 Title: Regulation of T cell Homeostasis in Rheumatoid Arthritis
Jixin Zhong, *Tongji Hospital, China*

15:30-16:00 Title: The Unexpected Relationship Between NK Cells and CD8 T Cells in Cancer: Beyond the Dogmas
Mélanie Bruchard, *University of Burgundy, France*

16:00-16:15

Coffee Break

16:15-16:45

Title: Non-canonical functions of NLRP3 in CD4 T cells
Frédérique Végran, *Centre de Recherche INSERM UMR, France*

16:45-17:15

Title: New insights into neutrophil regulation
Wu Dan, *Yale University School of Medicine, USA*

17:15-17:45

Title: Defining The Molecular Pathways Governing Human Memory T-Cell Differentiation To Enhance Vaccine Efficacy
Samuele Notarbartolo, *Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Italy*

17:45-18:15

Title: Enhancing CAR T Cell Efficacy Through Targeted Genetic Engineering
Isabelle Munoz, *Peter MacCallum Cancer Centre, Australia*

End of Day-1

IMMUNOLOGYSUMMIT2025

July 15, 2025 | Valencia, Spain
Meeting Room: Gran Pinedo

Plenary Talks

Moderator: Moutih Rafei, *University of Montreal, Canada*

09:30-10:10

Title: Autoimmunity associated with Actin-related Inborn Errors of Immunity
Hassan Abolhassani, *Karolinska Institutet, KI, Sweden*

Invited Talks

10:10-10:35

Title: Antibodies that neutralise oxidised phospholipids modulate pathways driving rheumatoid arthritis pathology
Rajneesh Malhotra, *Calluna Pharma, UK*

10:35-11:00

Title: Tumor specific regulation of T cell exhaustion
Grégory Verdeil, *University of Lausanne, Switzerland*

11:00-11:15

Coffee Break

11:15-11:40

Title: Oral Salmonella-Based Antigen-Specific Vaccine for Type 1 Diabetes
Mohamed Husseiny Elsayed, *Arthur Riggs-Diabetes & Metabolism Research Institute (AR-DMRI), USA*

- 11:40-12:05 Title: Ultrasensitive Single Molecule TPM Detection of cMYC - Ebox DNA Interactions as Biomarker for Early Diagnosis of Acute Leukemias and Lymphomas
Mihai Ciubotaru, "*Horia Hulubei*" National Institute for R&D in Physics and Nuclear Engineering, Romania
- 12:05-12:30 Title: Immunotherapy with human low molecular weight leukocyte extract as adjuvant to chemotherapy with albendazole of immunosuppressive infectious disease in mice induced by a model tapeworm
Gabriela Hřčkova, *Parasitological Institute, Slovak Academy of Sciences, Slovakia*
- 12:30-12:55 Title: High-Salt Diet Remodels the Immune Microenvironment via the Gut Microbiota-Acetylcholine-CHRNA9 Axis, Leading to Immunotherapy Resistance in Bladder Cancer
Qi Mei, *Huazhong University of Science and Technology, China*

12:55-14:00

Lunch Break

- 14:00-14:25 Title: Targeting CD40-Ligand to Modulate Immune Pathology
Seth Lederman, *Tonix Pharmaceuticals, USA*
- 14:25-14:50 Title: The essential role of gut microbiota in cancer therapy and its intervention
Elaine Lai-Han Leung, *University of Macau, Macao*
- 14:50-15:15 Title: To be Confirmed
Hong Liu, *Shanghai Institute of Materia Medica, CAS, China*
- 15:15-15:40 Title: The E3 ligase ASB3 downregulates antiviral innate immunity by targeting MAVS for ubiquitin-proteasomal degradation
Yan Zeng, *Jilin Agricultural University, China*

15:40-16:00

Coffee Break

Poster Presentations

- P01** Title: Investigating the applicability of cytokine-induced memory-like NK cell therapy for obesity-associated cancer
Melissa Conroy, *Trinity College Dublin, Ireland*
- P02** Title: The expression of ER stress sensor Atf6 α is decisive for T cell activation in humoral and cellular immune responses
Aikaterini Kadianaki, *German Cancer Research Center (DKFZ), Germany*
- P03** Title: IL-32 θ (A94V) inhibits Inflammatory reactions in human keratinocytes and airway epithelial cells exposed to PM10 and viral mimic
Do Young Yoon, *Konkuk University, Republic of Korea*
- P04** Title: Investigating monocyte chemotaxis inhibition through various mechanisms of action
Lucy Davis, *Sitryx Therapeutics Ltd, UK*

End of Conference