

IMMUNOLOGYSUMMIT2024



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WORLD SUMMIT ON IMMUNOLOGY

JUNE 10-11, 2024 | EDINBURGH, SCOTLAND



CONTACT INFO

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Conference Day-1

Monday, June 10, 2024

09:30-10:00

Opening Ceremony

Conference Chair: **Dmitry Gabrilovich**, Executive Director and Chief Scientist, Cancer Immunology AstraZeneca, UK

Plenary Talks

10:00-10:40 Dmitry Gabrilovich, Executive Director and Chief Scientist, Cancer Immunology AstraZeneca, UK

Title: Immune suppressive granulocytes and their therapeutic targeting

10:40-11:20 Poli Guido, University School of Medicine, Milano, Italy

Title: HIV Latency & Reactivation in Primary Human Monocyte-Derived Macrophages (MDM) Polarised as M1 Cells

11:20-11:45

Coffee Break

11:45-12:25 Antonio Sica, University of Eastern Piedmont, Novara, Italy

Title: Metabolic Traits Of Tumor Immunosuppression

Keynote Talks

12:25-12:55 Anna Martner, Sahlgrenska Center for Cancer Research Gothenburg University, Sweden

Title: Targeting NOX2 and myeloid derived suppressor cells in cancer

12:55-14:00

Lunch and Networking

14:00-14:30 Aletta Petronella Susarah Terblanche, Afrigen Biologics CEO, South Africa

Title: mRNA vaccine innovation: potential contribution to global burden of disease immunization programmes

14:30-15:00 Vimolmas Tansathitaya, Mahidol University, Thailand

Title: Does the physical exercise affect miRNAs regulation in cancer tumor immune mechanism?

15:00-15:30 Ruxandra F. Sirbulescu, Massachusetts General Hospital, Harvard Medical School, USA

Title: Neuroprotective B cell Immunomodulatory Therapy for Traumatic Brain Injury and Neurodegenerative Disease

15:30-16:00 Maria Francisca Palomares Jerez, University of Sevilla, Spain

Title: Inhibition of NFκB and MAPK Kinases in the Regulatory Response induced by Sulforaphane on Human Dendritic Cells

16:00-16:15

Coffee Break

16:15-16:45 Mira Barda-saad, Bar-Ilan University, Isarel

Title: Profiling Natural Killer Cell Dysfunction to Restore Anti-tumor Response, Implications for Next-Generation Immunotherapy

16:45-17:15 María de los Angeles Marqués Torrejón, Universitat Jaume, Spain

Title: LRIG1 is a gatekeeper to exit from quiescence in adult neural stem cells

End of Day-1 Conference

Conference Day-2
Keynote Talks
Tuesday, June 11, 2024

10:00-10:30 Stephen Todryk, Northumbria University, Newcastle upon Tyne, UK
 Title: Antiviral immunity revealed by B cell ImmunoSpot is informative for immunity to future viral exposures

10:30-11:00 Margaret DiGuardo, Mayo Clinic, USA
 Title: Training the future leaders of GMP Biomanufacturing

11:00-11:15 **Coffee Break**

11:15-11:45 Inpyo choi, Ingenium Therapeutics, Republic of Korea
 Title: Harnessing memory NK cells (IGNK001) for refractory acute myeloid leukemia therapy

11:45-12:15 Nigel McCracken ,Virox Biolabs, UK
 Title: Evaluating T Cell driven Immunity in Post Viral Syndromes

Invited Talks

12:15-12:40 Yingzi Ming, Transplantation Center, The Third Xiangya Hospital, Central South University, China
 Title: Cxcr6 recruits Th2 cells and promote schistosome-associated liver fibrosis

12:40-13:05 Patricia Neves, Instituto de Tecnologia em Imunobiológicos, Brazil
 Title: The role of modified uridines in preventive mRNA vaccines development

13:05-14:00 **Lunch and Networking**

14:00-14:25 Xingguo She, Transplantation Center, The Third Xiangya Hospital, Central South University, China
 Title: The development and validation of predictive models for peripheral blood lymphocyte subpopulations after renal transplantation using machine learning techniques

14:25-14:50 Yujun Zhao, Transplantation Center, The Third Xiangya Hospital, Central South University, China
 Title: CAV1-eNOS pathway-mediated liver sinusoidal endothelial cells impaired leads to inflammatory progression in acute-on-chronic liver failure

14:50-15:15 Elizabeth Hawkins, Institute of Cancer Research, UK
 Title: Armoured CAR-T Therapy to Modulate the Immune Microenvironment in Mesothelioma

15:15-15:40 Jing Tang, Affiliated Hospital of Guangdong Medical University, China
 Title: To be Confirmed

15:40-16:05 Benjamin Nguyen, Johns Hopkins Bloomberg School of Public Health, US
 Title: Distinct roles for interferon- α and interferon- β in recovery from Sindbis virus encephalomyelitis

16:05-16:30 Voronov Elena, Ben Gurion University of the Negev, Israel
Title: Intra-cellular IL-1 alpha dictates breast cancer development and invasiveness

Poster Presentations

- P-001** Vera Sau Fong Chan, The University of Hong Kong, Hong Kong
Title: PE-PPE proteins: potential TB subunit vaccine candidates
- P-002** Mojca Pavlin, University of Ljubljana, Slovenia
Title: Metabolic modulation of T cells activation and exhaustion markers in PBMC
- P-003** Hee Jung An, CHA Bundang Medical Center, Korea
Title: Unraveling Immune-associated Biomarkers through Spatial Transcriptome and Multispectral imaging in High Grade Serous Ovarian Carcinoma

Delegates

- D-001** Dan Makrinos, Moderna, USA
- D-002** Xavier Gueripel, Switzerland
- D-003** Nam Hoon Cho, Yonsei Univ Coll Med, Korea
- D-004** Reem Alrashoudi, King Saud University Riyadh, Saudi Arabia,

End of Day-2 Conference