

Scientific Program



6th INTERNATIONAL MOLECULAR IMMUNOLOGY & IMMUNOGENETICS CONGRESS (MIMIC-VI)

April 28 - 30, 2025 | Acibadem University, İstanbul Türkiye

MONDAY, APRIL 28th, 2025			
09:00 - 10:30	REGISTRATION		
10:30 - 11:30	OPENING CEREMONY		Moderators: Tolga Sütü, İhsan Gürsel
	Opening Speeches by the Host and Organizers		
11:30 - 12:30	KEYNOTE LECTURE		Moderators: Günnur Deniz, Barbaros Oral
	Federica Sallusto	ETH Zurich, CH	Human T cells: differentiation, defense, and regulation
12:30 - 13:00	CONGRESS PHOTO SHOOT (MAIN HALL STAGE)		
13:00 - 14:00	LUNCH BREAK		
14:00 - 15:30	IMMUNE RESPONSE TO INFECTION		Moderators: Mayda Gürsel, Akif Turna
14:00 - 14:30	Cevayir Çoban	The University of Tokyo, JP	Host-Plasmodium interactions: One step closer to malaria vaccines
14:30 - 15:00	Önder Ergönül	Koç University, TR	Emerging Infections and Immunology
15:00 - 15:15	Mehmet Karaçay	Istanbul Technical University, TR	OP-01 Investigation of SARS-CoV-2 Nucleocapsid and Spike N501Y Variant-Specific IgG Subtypes in Convalescent Pediatric Patients from COVID-19 Using Multiplex Flow Cytometric Bead-Based Assay
15:15 - 15:30	Deniz Baybağ	Acibadem University, TR	OP-02 Development and Evaluation of the Efficacy of a Novel Monoclonal Antibody Targeting CX3CR1 for Pain Relief in Pancreatic Cancer, Chronic and Acute Pancreatitis
15:30 - 16:00	SATELLITE SYMPOSIUM  From Concept to Cure: The Role of Platform Development in Cell Therapy Speaker: Érica A. Schulze		
16:00 - 16:30	COFFEE BREAK		
16:30 - 18:30	CANCER IMMUNOLOGY AND IMMUNOTHERAPY		Moderators: Güneş Esendağlı, Ceren Çıracı
16:30 - 17:00	Carsten Watzl	Technical University Dortmund, DE	Insights into NK cell cytotoxicity - how to select the best (serial) killer for cancer therapy?
17:00 - 17:30	Mustafa Diken	Johannes Gutenberg University, DE	mRNA based cancer therapeutics
17:30 - 18:00	Defne Bayık	University of Miami, USA	Biological sex at the intersection of cancer-neuro-immune crosstalk
18:00 - 18:15	Betül Çakıcı	Acibadem University, TR	OP-3 End-to-end Vector and Process Development for Clinically Applicable CD19-targeted CAR-T Cell Production in Türkiye
18:15 - 18:30	Hamdullah Yanık	Hacettepe University, TR	OP-4 Characterization of tumor-infiltrating CD66b+ monocyte subset discloses NF-kB-mediated differentiation
18:30 - 19:00	COFFEE BREAK		

19:00 - 21:00	TSI GENERAL ASSEMBLY MEETING
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TUESDAY, APRIL 29th, 2025			
09:00 - 10:30	IMMUNE SYSTEM IN HEALTH AND DISEASE		Moderators: Arzu Aral, Batu Erman
09:00 - 09:30	Bernard Malissen	Centre d'Immunologie INSERM-CNRS, FR	Unveiling the molecular basis of T cell malfunctions and disorders using quantitative interactomics
09:30 - 10:00	Sidonia Fagarasan	RIKEN, JP	The intersection of innate and adaptive immunity in the lung: implications for chronic pulmonary insufficiency
10:00 - 10:15	Yavuz F. Yazicioğlu	University of Oxford, UK	OP-5 Asparagine availability controls germinal center B cell homeostasis
10:15 - 10:30	Atakan Ekiz	İzmir Institute of Technology, TR	OP-6 Investigating the tumor immune microenvironment through innovative data analysis interfaces
10:30 - 11:00	 SATELLITE SYMPOSIUM BD FACSDiscover™ A8, The First Spectral Cell Analyzer with Real-Time Imaging Speaker: Tim Schenkel		
11:00 - 11:30	COFFEE BREAK		
11:30 - 13:00	MOLECULAR MECHANISMS IN AUTOIMMUNITY		Moderators: Güher Saruhan Direskeneli, Eda Tahir Turanlı
11:30 - 12:00	Andreas Radbruch	Charité – Universitätsmedizin Berlin, DE	Immunological memory – a roadblock to regeneration of tolerance in autoimmunity
12:00 - 12:15	Atay Vural	Koç University, TR	OP-7 Innate lymphocyte activation and interferon-driven pathways in Behçet's disease skin lesions
12:15 - 12:30	Cemre Aktaş	Istanbul University, TR	OP-8 Phosphorylation of signaling molecules in peripheral and thymic B cells and responses to T follicular helper cell-related cytokines in myasthenia gravis
12:30 - 12:45	Fatma Betül Öktemlik	Istanbul University, TR	OP-9 CD22 Defines a Core Follicular Regulatory T Cell Subset that Controls the Antibody Response
12:45 - 13:30	BALLOON RELEASE EVENT IN CELEBRATION OF “DAY OF IMMUNOLOGY” & “WORLD PRIMARY IMMUNODEFICIENCY WEEK”		
13:30 - 14:30	LUNCH BREAK		
14:30 - 16:30	INBORN ERRORS OF IMMUNITY		Moderators: Yıldız Camcioğlu, Ahmet Özen
14:30 - 15:00	Talal Chatila	Boston Children's Hospital, USA	Immunoregulatory Functions of DOCK/STAT Complexes
15:00 - 15:30	Elif Karakoç Aydiner	Marmara University, TR	Targeted Therapies in Inborn Errors of Immunity
15:30 - 16:00	Baran Erman	Hacettepe University, TR	Inborn errors of immunity research in Türkiye: Results from a specialized research center “Can Sucak Lab”
16:00 - 16:15	Gözde Arslan	Bursa Uludağ University, TR	OP-10 Therapeutic Use of Bone Marrow-Derived Tolerogenic Dendritic Cells Modified by Lentiviral Transduction in CIA Model

16:15 - 16:30	Semra Demir	Istanbul University, TR	OP-11 B and T Lymphocyte Subgroups in Patients with Selective IgA Deficiency
16:30 - 17:00	COFFEE BREAK		
17:00 - 18:00	DAY OF IMMUNOLOGY LECTURE		Moderator: Günnur Deniz (EFIS President-elect)
	Bojan Polic	EFIS President. University of Rijeka, HR	The immunology of sickness metabolism caused by a viral infection
18:00 - 20:00	POSTER SESSION		

WEDNESDAY, APRIL 30th, 2025			
09:00 - 10:30	EXOSOMES AND THE IMMUNE SYSTEM		Moderators: İhsan Gürsel, Sinem Öktem Okullu
09:00 - 09:30	Edit Buzas	Semmelweis University, HU	A fresh look at classic immunology through the perspective of extracellular vesicles
09:30 - 10:00	Susanne Gabrielsson	Karolinska Institutet, SE	Dendritic cell derived extracellular vesicles for immune therapy of cancer
10:00 - 10:15	İsmail Cem Yılmaz	İzmir Biomedicine and Genome Center, TR	OP-12 Leishmania infantum Extracellular Vesicles Mediate Protection from Visceral Leishmaniasis and Long-Term Cross Protection from Cutaneous Leishmaniasis
10:15 - 10:30	İrem Evcili	İzmir Biomedicine and Genome Center, TR	OP-13 Immunological Profiling Following SARS-CoV-2 Vaccination
10:30 - 11:00	 SATELLITE SYMPOSIUM Advice and Advancements for the Flow Cytometric Analysis and Sorting of Extracellular Vesicles Speaker: Owen Hughes		
11:00 - 11:30	COFFEE BREAK		
11:30 - 13:00	EMERGING TECHNOLOGIES IN IMMUNOLOGY		Moderators: Tolga Sütlü, Uğur Sezerman
11:30 - 12:00	Erdoğan Sezgin	Karolinska Institutet, SE	 EMBO Young Investigator Lecture Physics of cells as a measure of immune cell functional states
12:00 - 12:30	Begüm Horuluoğlu	Karolinska Institutet, SE	Tissue-resident memory T cells identified in the muscle of patients with myositis using single-cell RNA sequencing
12:30 - 12:45	Elif Çelik	Acibadem University, TR	OP-14 Discovery of Tumor-Specific T Cell Receptors Through Single-Cell Sequencing of Tumor-Infiltrating Lymphocytes in Melanoma
12:45 - 13:00	Ebru Kocakaya	Ege University, TR	OP-15 Investigating alternative polyadenylation sites in tumor-associated macrophage differentiation at single-cell resolution
13:00 - 13:30	 SATELLITE SYMPOSIUM Advancing Immunology with 10X Genomics: Single-Cell & Spatial Innovations Speaker: Bio Koen De Gelas		
13:30 - 14:30	LUNCH BREAK		
14:30 - 16:30	FUTURE VACCINES AND IMMUNOTHERAPIES		Moderators: Ayça Sayı Yazgan, Selim Badur

14:30 – 15:00	Ken J. Ishii	The University of Tokyo, JP	Chemical switch between A-B-Z form nucleic acids for the in situ Immunotherapy
15:00 – 15:30	Rafet Başar	MD Anderson Cancer Center, USA	Advancing Cancer Immunotherapy: The Emerging Role of Engineered NK Cells.
15:30 – 16:00	Dennis Watson	University of Miami, USA	Intercellular metabolic crosstalk as an immunotherapy target in brain tumors
16:00 – 16:15	Zeynep Arzum	İzmir Biomedicine and Genome Center, TR	OP-16 Enhancing the Breadth of Protection from Neisseria Meningitidis Infection via Bivalent OMV Vaccine
16:15 – 16:30	Gizem Çile	Acibadem University, TR	OP-17 Production of nanobodies targeting IL-1R1 (interleukin-1 receptor type 1)
16:30 – 17:00	COFFEE BREAK		
17:00 – 17:45	IŞIL BERAT BARLAN AWARD CEREMONY		Moderators: Günnur Deniz, Güher Saruhan Direskeneli
17:45 – 18:30	CLOSING CEREMONY		