

Cutting-edge technologies for immune studies

Spring Meeting of the Catalan Society of Immunology
May 23rd, 2024



SALA 10

Acadèmia de Ciències Mèdiques i de la Salut de Catalunya i de Balears.

Carrer Major de Can Caralleu, 1-7, 08017. Barcelona.

STREAMED ONLINE



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PROGRAM



SOCIETAT CATALANA D'IMMUNOLOGIA



L'Acadèmia
FUNDACIÓ ACADÈMIA DE CIÈNCIES MÈDIQUES
I DE LA SALUT DE CATALUNYA I DE BALEARS



10:00 - 10:10	Welcome by the President of the Catalan Society of Immunology
10:10 - 11:00	OPENING TALK Chair: Nuria Izquierdo (IrsiCaixa) • Precision Proteomics: Unlocking Biomarker Discovery for Enhanced Understanding of Immunological Diseases Carolina De la Torre (Head of Clinical Proteomic Unit - Josep Carreras Leukaemia Research Institute)
11:00 - 11:30	NAÏVE IMMUNOLOGISTS - SESSION I Chair: Javier Rodríguez-Ubreva (Josep Carreras Leukaemia Research Institute) • The landscape of immune cell subpopulations through single-cell technologies Victor Jiménez (Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS))
11:30 - 12:00	COFFEE BREAK
12:00 - 13:45	CYTOMICS: ROUNDTABLE Chairs: Conchi Mora (IRBLleida) and Ester Lozano (University of Barcelona) • Full Spectrum Cytometry Marco A. Fernández Sanmartín (Head of Clinical Cytometry Biomedical Diagnostic Center, Hospital Clínic Barcelona) • Delving into the Cellular Landscape of Disease: Integrating Live-Cell Imaging Analysis and Acoustic Flow Cytometry for Clinical Research Jordi Petriz (Group Leader Scientist, Institut de Recerca Germans Trias i Pujol (IGTP)) • Mass cytometry (CyTOF): new tools, new possibilities Jaume Comas (Head of Cytometry Unit - Centres Científics i Tecnològics, Universitat de Barcelona (CCiTUB))
13:45 - 14:30	LUNCH
14:30 - 15:30	SPONSORED SESSION • Reimage High-dimensional Flow cytometry and tissue imaging with CyTOF® technology Gloria Martrus Zapater (Standard BioTools)  • Turning the Spotlight on Immune Cell Research: Exploring FluoroSpot Applications Maria Karvouni (Mabtech AB)  

15.30 - 16.30	NAÏVE IMMUNOLOGISTS - SESSION II Chair: Talía Velasco-Hernández (University of Barcelona) • Chronic lymphocytic leukemia patient-derived xenografts recapitulate clonal evolution to Richter transformation Heribert Playà-Albinyana (Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS)) • Multiparametric characterization of telomere length in T cells by full Spectrum Flow-FISH Macedonia Trigueros (IrsiCaixa)
16:30 - 17:30	INVITED TALK Chair: Pablo Engel (University of Barcelona) • What can do cryo-EM for you Pablo Guerra (IBMB-CSIC)
17.30- 17.40	Closing session by the Vicepresident of the Catalan Society of Immunology



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