

# Immune Tolerance in Autoimmunity

Winter Meeting of the Catalan Society of Immunology  
January 26th, 2023

Acadèmia de Ciències Mèdiques i de la Salut de  
Catalunya i de Balears. SALA 8.  
Carrer Major de Can Caralleu, 1-7, 08017. Barcelona.

## PROGRAM



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

Sci   
SOCIETAT CATALANA D'IMMUNOLOGIA

NAÏVE  
IMMUNOLOGISTS

**UAB**  
Universitat Autònoma  
de Barcelona

PHD PROGRAM IN ADVANCED IMMUNOLOGY

10:00 - 10:10	<b>Welcome by the President of the Catalan Society of Immunology</b>
10:10 - 11:00	<p><b>BASIC RESEARCH IN AUTOIMMUNITY</b> (Chair: Francisco Lozano)</p> <ul style="list-style-type: none"> <li>• <b>Peptide-major histocompatibility complex-based nanomedicines to treat autoimmunity</b> <b>Pere Santamaría</b> (Department of Microbiology, Immunology and Infectious Diseases, University of Calgary &amp; Institut D'Investigacions Biomèdiques August Pi i Sunyer, Barcelona)</li> </ul>
11:00 - 11:40	<b>COFFEE BREAK</b>
11:40 - 12:30	<p><b>CLINICAL RESEARCH IN AUTOIMMUNITY</b> (Chairs: Eva Martínez-Cáceres)</p> <ul style="list-style-type: none"> <li>• <b>Frequency and referral patterns of neuronal antibody studies during the COVID-19 pandemic: Experience from an autoimmune neurology center</b> <b>Raquel Ruíz-García</b> (Immunology Department, Centre Diagnòstic Biomèdic, Hospital Clínic, Barcelona).</li> </ul>
12:30 - 13:30	<p><b>AUTOIMMUNE DISEASES: CASE REPORTS</b> (Chairs: Mario Framil, Anaís Mariscal Rodríguez)</p> <ul style="list-style-type: none"> <li>• <b>Pembrolizumab and Three M Syndrome</b> <b>Marc Boigues Pons</b> (Hospital Universitari Germans Trias I Pujol, Barcelona).</li> <li>• <b>Immune-mediated necrotizing myopathy with anti-Ku antibodies and simultaneous papillary thyroid tumour</b> <b>Teresa Franco Leyva</b> (Hospital de la Santa Creu i Sant Pau, Barcelona).</li> <li>• <b>A rare case of immune-mediated inflammatory myopathy: anti-KS antibodies</b> <b>Cristina Arnaldos Pérez</b> (Hospital Clínic, Barcelona).</li> <li>• <b>Ikaros-associated disease: a case report</b> <b>Mario Framil</b> (Hospital Universitario de Bellvitge, Barcelona).</li> </ul> <p style="text-align: right;"><i>Session organized by the Naïve Immunologists of the SCI</i></p>
13:30 - 15:00	<b>LUNCH</b>

<p>15.00 - 16.30</p>	<p><b>AUTOIMMUNITY THERAPY: ROUNDTABLE</b> (Chair: to be announced)</p> <ul style="list-style-type: none"> <li>• <b>Identification of BAMBI as a new therapeutic target in autoimmunity</b> <b>Ramón Merino</b> (IBBTEC, CSIC - Universidad de Cantabria).</li> <li>• <b>A single-cell RNAseq approach to understand and predict the efficacy of tofacitinib in ulcerative colitis</b> <b>Azucena Salas</b> (Institut D'Investigacions Biomèdiques August Pi i Sunyer, Barcelona).</li> <li>• <b>Can senescence be a suitable therapeutic target in autoimmunity?</b> <b>Gabriel Criado</b> (Imflammatory and Autoimmune Diseases Group, Hospital 12 de Octubre Research Institute, Madrid).</li> </ul>
<p>16:30 - 17:45</p>	<p><b>AUTOIMMUNITY RESEARCH</b> (Chairs: Rebeca Gutiérrez, Alba Pastor)</p> <ul style="list-style-type: none"> <li>• <b>Adoptive cellular immunotherapy for the control of membranous nephropathy: use of genetically modified T-cells with chimeric antigen receptors</b> <b>Sergi Betriu</b> (Servei d'Immunologia, Hospital Clínic, Barcelona)</li> <li>• <b>Pathological role of polyreactive Ro52 autoantibodies in Sjögren's syndrome</b> <b>Rebeca Gutiérrez</b> (Universitat de Barcelona)</li> <li>• <b>Characterization of the immunological alterations, specifically in Treg cells, involved in immune dysregulation in pediatric patients with inborn errors of immunity, towards targeted therapies</b> <b>Daniel Acevedo Gómez</b> (Hospital Clínic, Barcelona).</li> <li>• <b>Multiple Sclerosis inflammation alters the epigenetic profile of peripheral CD14+ cells affecting the generation of VitD3-toIDCs</b> <b>Federico Fondelli</b> (Hospital Universitari Germans Trias i Pujol, Barcelona).</li> </ul> <p style="text-align: right;">Session organized by the Naïve Immunologists of the SCI</p>
<p>17.45- 18.00</p>	<p><b>Closing and award to the best presentations</b></p>