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SOCIETAT CATALANA D'IMMUNOLOGIA

XIVth CONGRESS

Catalan Society of Immunology (SCI)

joint meeting with European Federation of Immunological
Societies on Tour (EFIS on TOUR)

Preliminary Program

Barcelona, November, 19 and 20, 2020

AGAINST THE DOGMA

Congress Office: Sr Xavier Nieves
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Welcome to the congress,

On behalf of the organising committee, we would like to warmly welcome you to the XIVth Societat Catalana d'Immunologia Congress (SCI Congress). We believe that our joint meeting with the European Federation of Immunological Societies (EFIS) will present high level scientific knowledge with the contribution of immunologists and specialist who are experts in this field.

Dr. Ricardo Pujol Borrell

SCI President

Thursday, November 19th

<p>16:00</p> <p>16:15</p>	<p>Welcome to the XIVth CONGRESS of the SCI</p> <p>Ricardo Pujol Borrell (President of the SCI)</p> <p>Marcos López Hoyos (President of the SEI)</p>
<p>16:15</p> <p>17:00</p>	<p>Opening Lecture –</p> <p>Speaker: Andreas Radbruch (German Rheumatism Research Center Berlin (DRFZ), a Leibniz Institute)</p> <p>(President of EFIS)</p> <p>Introduction to EFIS on Tour</p> <p>Title: <i>Immunological memory against the dogma.</i></p> <p>Chair: Pablo Engel (University of Barcelona)</p>
<p>17:00</p> <p>17:30</p>	<p>Poster viewing</p>
<p>17:30</p> <p>18:00</p>	<p>Plenary Session</p> <p>Speaker: Balbino Alarcon (Centro Biología Molecular Severo Ochoa, Madrid)</p> <p>Title: <i>Inter-TCR crosstalk during antigen recognition.</i></p> <p>Chair: Annabel Valledor, (University of Barcelona).</p>
<p>18:00</p> <p>19:45</p>	<p>Oral Communications, Session-1 – <i>Basic and Experimental Immunology</i></p> <p>Chair: Aura Muntasell (Autonomous University of Barcelona).</p> <ul style="list-style-type: none"> - Experimental and genetic evidence for the involvement of <i>CD6</i> in inflammatory bowel diseases. Sergi Casadó-Llombar et al. - Macrophage mitochondrial MFN2 (mitofusin 2) links immune stress and immune response through reactive oxygen species (ROS) production. Antonio Celada et al. - Immunomodulation of type 1 diabetes by 116C-NOD intestinal microbiota. Estela Rosell-Mases et al. - siRNA-containing transfection of vitamin D3-induced tolerogenic dendritic cells for the silencing of potential tolerogenic genes. Íñigo González Larreategui et al.

	<ul style="list-style-type: none"> - Immunomodulatory properties of a soluble cytomegalovirus-encoded CD48 Homolog. Francesc Poblador et al. - MRL mice infected with cytomegalovirus (CMV) as an animal model of Sjögren's Syndrome. Joan Puñet-Ortiz et al. - HIV-1 enveloped Virus-Like Particles (VLP) displaying high density of HIV-1 Env-derived antigens on their surface induce a functional immune response beyond neutralizing activity. Ferran Tarrés-Freixas et al. <p>19:25–19:45 Discussion</p>
<p>19:45</p> <p>20:15</p>	<p>Plenary Session</p> <p>Speaker: Winfried Pickl (Medical University of Vienna)</p> <p>Title: <i>The role of a new T helper cell type, Th-IL-2 cells, in allergic immune reactions.</i></p> <p>Chair: Eva Martinez-Carceres (Autonomous University of Barcelona).</p>

Friday, November 20th

09:00	<p>Plenary Session</p> <p>Speaker: René van Lier (Sanquin Blood Supply. University of Amsterdam)</p>
09:30	<p>Title: <i>Tissue memory cells at the center of the immune system</i></p> <p>Chair: Dolores Jaraquemada (Autonomous University of Barcelona)</p>
09:30	<p>Plenary Session</p> <p>Speaker: Miguel López-Botet (University Pompeu Fabra, Barcelona)</p>
10:00	<p>Title: <i>Development of human “adaptive” NK cell populations: open issues.</i></p> <p>Chair: Pablo Engel (University of Barcelona)</p>
10:00 11:30	<p>Oral Communications, Session 2: <i>Clinical Immunology I</i></p> <p>Chairs: Cristina Costa (IDIBELL, Barcelona).; Rosa Faner (Hospital Clinic, Barcelona).</p> <ul style="list-style-type: none"> - Changes induced in lymphocyte subpopulations by dimethyl-fumarate treatment in multiple sclerosis could identify “NEDA” patients. Aina Teniente Serra et al. - Lymphocyte subpopulations analysis in psoriatic patients treated with biological drugs. Marc Boigues-Pons et al. - Myeloid-Derived Suppressor Cells in Kidney Transplant Recipients and the effect of Maintenance Immunotherapy. María Iglesias Escudero et al. - Pretransplant adaptive NKG2C+ NK cells protect against cytomegalovirus infection in kidney transplant recipients. Michelle Ataya et al. - Impaired lung NK activity in the lung of Idiopathic Pulmonary Fibrosis patients. Tamara Cruz et al. - Immunophenotype in CU patients under omalizumab treatment. Cristina Alejandra López Rodríguez et al. <p>11:15–11:30 Discussion</p>
11:30	<p>Plenary Session</p> <p>Speaker: Federica Sallusto (Institute for Research in Biomedicine Bellinzona)</p>
12:00	<p>Title: <i>Conventional and unconventional T cell response to microbial antigens.</i></p> <p>Chair: Ricardo Pujol (Autonomous University of Barcelona).</p>
12:00 13:00	<p>Ordinary General Meeting- Societat Catalana d’Immunologia</p>
13:00	<p>Poster viewing</p>

13:30	
13:30	Lunch session sponsored by Becton Dickinson
14:00	Speaker: Werner Rodriguez (<i>BD Biosciences Single Cell Multiomics</i>) Title: <i>Resolving immune cell identity one cell at time. The multiomic approach.</i>
14:30	Oral Communications, Session 3: <i>Tumor Immunology and Immunotherapy</i> Chair: Manel Juan (Hospital Clinic. Barcelona)
16:15	<ul style="list-style-type: none"> - Phase I multicenter clinical trial with chimeric antigen receptor with humanized anti-BCMA specific (ARI0002h) in patients with relapsed or refractory multiple myeloma. Mariona Pascal et al. - CART19-BE-01: un ensayo académico Europeo sobre la administración de células CAR-T denominadas ARI-0001 en pacientes con trastornos linfoproliferativos CD19+. Valentín Ortiz-Maldonado et al. - Humoral immune response in patients with CD19 positive relapsed/refractory B-cell malignances recruited into the CART19-BE-01 clinical trial. Ariadna Bartoló-Ibars et al. - Comparative analysis and characterization of TCR repertoires in breast cancer TILs. Andrea Aran et al. - HAVCR2 mutations altering TIM-3 underlying hemophagocytic syndrome and subcutaneous panniculitis-like T-cell lymphoma. Roger Colobran et al. - Dynamics of T-cell subsets in non-small cell lung cancer patients treated with PD-1/PD-L1 axis blocking mAbs. Coral Zurera Egea et al. - NK cell receptors and ligand variants modulate response to tyrosine kinaseinhibitors in patients with chronic myeloid leukemia. Laia Closa et al.
	15:55–16:15 Discussion
16:15	Plenary Session
16:45	Speaker: Antonio Lanzavecchia (National Institute of Molecular Genetics, Milan) Title: <i>Unconventional receptor-based antibodies.</i> Chair: Miguel López Botet (University Pompeu Fabra , Barcelona)
16:45	Oral Communications, Session 4: <i>COVID-19</i>
18:00	Chair: Silvia Vidal (Santa Creu i Sant Pau Hospital, Barcelona). <ul style="list-style-type: none"> - Early S2-targeting and rapid development of neutralizing antibodies after SARS-CoV-2 infection. Maria Luisa Rodriguez de la Concepción et al.

	<ul style="list-style-type: none"> - Antigen-specific lymphocyte proliferation against SARS-CoV-2 in COVID patients with negative antibodies against the virus in serum. Marc Boigues-Pons et al. - Immunological Risk Profile in COVID-19, the Experience of a Single Academic Hospital in Catalonia. Manuel Hernández-González et al. - Immunopathogenesis of COVID-19-related pediatric inflammatory multisystem syndrome: overlap with Kawasaki disease and identification of a distinct severe group. Ana Esteve-Solé et al. - Revealing protective T cell immune responses against SARS-CoV-2. Judith Grau-Expósito et al. - Inborn errors and autoantibodies against type-I inteferons in patients with life-threatening COVID-19. Roger Colobran et al <p>17:45–18:00 Discussion.</p>
18:00	Prize to the best communication and poster.
18:15	Ricardo Pujol Borrell (President of SCI).
18:15	Closing of the Congress
18:30	Ricardo Pujol Borrell (President of SCI).

This congress is sponsored by: (to be confirmed)