

COVID-19 from basic knowledge to vaccine development

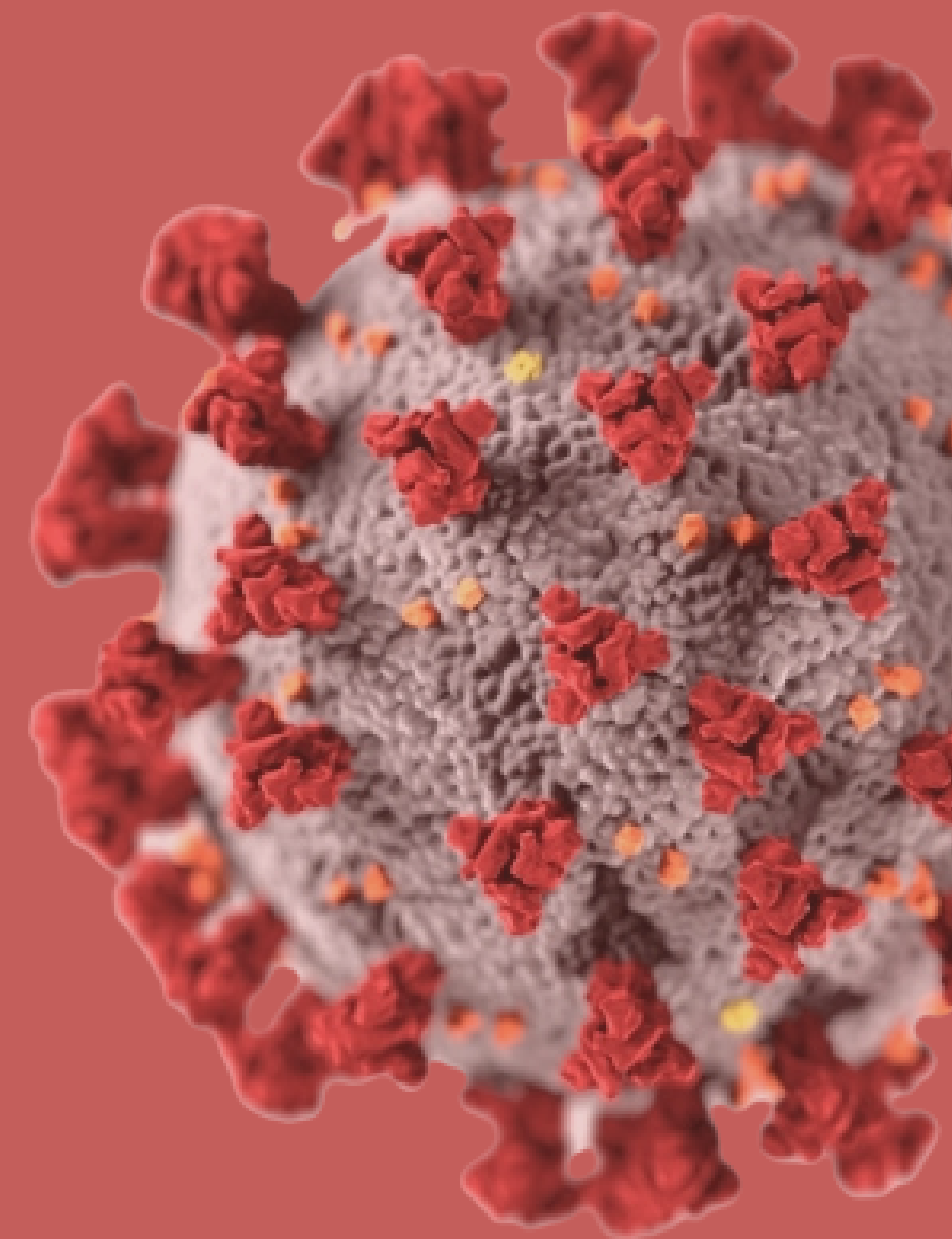
Spring Meeting of the Catalan Society of Immunology
May 19th, 2022

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

ONLINE

[https://interacsalut.webex.com/interacsalut/j.php?
MTID=m7cee7feb82dca0b7163e72781faef40c](https://interacsalut.webex.com/interacsalut/j.php?MTID=m7cee7feb82dca0b7163e72781faef40c)

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

9.00 - 9.15	Welcome by the President of the Catalan Society of Immunology
9.15 - 10.00	<p>COVID-19 AND THE IMMUNE SYSTEM (Chair: Pablo Engel)</p> <ul style="list-style-type: none"> • SARS-CoV-2 modulation of our immune system: knowns and unknowns María Montoya (Centro de Investigaciones Biológicas Margarita Salas, CIB-CSIC, Madrid).
10.00 - 11.00	<p>COVID-19: DIAGNOSIS AND IMMUNE MONITORING (Chairs: Mar Diaz, Natalia Egri)</p> <ul style="list-style-type: none"> • Desde la PCR hasta la TMA. Su aplicación durante la pandemia Mireia Navarro Gabriel (Técnico de laboratorio del Servicio de Microbiología del Hospital Clínic, Barcelona). • Inmunidad adaptativa frente a SARS-CoV-2: más allá de la respuesta de anticuerpos Manuel Hernández (Jefe de Servicio de Inmunología. Hospital Universitario Vall d'Hebron, Barcelona). • Linfocitosis reactiva y presencia de monocitos atípicos en la infección por el virus SARS-CoV-2 Alexandru Vlagea (Facultativo del Área de Inmunodeficiencias, laboratorio de Inmunología del Hospital Clínic). <p style="text-align: right;"><i>Session organized by the Technicians of the SCI</i></p>
11.00 - 11.30	COFFEE BREAK
11.30 - 12.45	<p>COVID-19: CASE REPORTS (Chairs: Mario Framil, Iria Arrese, Aina Teniente Serra)</p> <ul style="list-style-type: none"> • COVID-19 resistente en paciente inmunosuprimido Victor Mauricio Bohorquez Cruz (Hospital Universitario Vall d'Hebron). • Auto-antibodies against IFN-I: A fatal case of COVID-19 Lydia García Serrano (Hospital Universitario de Bellvitge). • COVID-19 severo en paciente con inmunodeficiencia común variable Andrea Carolina Bravo Gómez (Hospital de la Santa Creu i Sant Pau). • SARS-CoV-2 T cell specific immunity in pediatric patients with chilblain lesions Marc Boigues Pons (Hospital Universitari Germans Trias I Pujol). • Severe COVID-19 due to inborn errors of immunity Blanca Urban Vargas (Hospital Universitario de Bellvitge). <p style="text-align: right;"><i>Session organized by the Naïve Immunologists of the SCI</i></p>
12.45 - 13.30	<p>COVID-19 THE PRESS VIEW (Chairs: Rebeca Gutiérrez, Guillermo Muñoz)</p> <ul style="list-style-type: none"> • Entre el aprendizaje continuo y el atracón Ana Macpherson (Periodista). <p style="text-align: right;"><i>Session organized by the Naïve Immunologists of the SCI</i></p>

13.30 - 15.00	LUNCH
15.00 - 16.30	<p>COVID-19 VACCINES ROUNDTABLE (Chair: Montse Plana)</p> <ul style="list-style-type: none"> • Coronavirus humanos: origen y vacunas basadas en replicones RNA Luis Enjuanes (Department of Molecular and Cell Biology, CNB-CSIC, Madrid). • Vacuna de HIPRA contra la COVID-19: experiencia y aprendizajes Laura Ferrer Soler (R&D Senior Manager Human Health, HIPRA). • Immunity against SARS-CoV-2 variants. Protective mechanisms and implications for vaccination programs Julià Blanco (Senior Researcher, IrsiCaixa, IGTP, Can Ruti Campus, Badalona).
16.30 - 17.40	<p>COVID-19 RESEARCH ELEVATOR PRESENTATIONS (Chairs: Federico Fondelli, Alba Pastor, Eva Martínez-Cáceres)</p> <ul style="list-style-type: none"> • Epigenetic and transcriptomic reprogramming in monocytes of severe COVID-19 patients mirrors systemic changes in cytokines and immune cell crosstalk Gerard Godoy (Josep Carreras Leukaemia Research Institute). • Inflammasome inhibitors against cytokine release syndrome in COVID-19 Cristina Benítez (IBMB – CSIC). • Decreased and heterogeneous neutralizing antibody responses against RBD of SARS-CoV-2 variants after mRNA vaccination Pablo Hernández (University of Barcelona) • Reduced humoral responses after BNT162b2 vaccination in SARS-CoV-2-uninfected residents of long-term care facilities Macedonia Trigueros (IrsiCaixa) • Charting SARS-CoV-2 entry factors in human tissues Cristina Mancebo (Hospital Universitario Vall d’Hebron) • Eleven-month longitudinal study of antibodies in SARS-CoV-2 exposed and naïve primary health care workers upon COVID-19 vaccination Rocío Rubio (ISGlobal) • Deep characterization of the post-COVID-19 condition Francisco Manuel Muñoz López (IrsiCaixa) <p style="text-align: right;">Session organized by the Naïve Immunologists of the SCI</p>
17.40- 18.00	Closing and award to the best presentations