

New technologies and methods in immunogenetics

Monday 17th February 14.30 – 18h

Onsite: Events Hall | Floor 10 | General Hospital

Online: Via Zoom (see QR access below)



Program

Opening session (14:30 – 14:45h)

Carlota Villar, BCN-PID Foundation vice-president

Vall Hebron Institut de Recerca Representative

Jacques G Rivière, MD. Pediatric immunologist, Pediatric Infectious Diseases and Immunodeficiencies Unit, HUVH.

Laura Batlle-Masó, PhD. Postdoctoral Researcher, Infection and Immunity in Pediatric Patients Research Group, VHIR.

Session 1: Genetics in inborn errors of immunity

14:45 – 15:15h “*Genetics and bioinformatics in inborn errors of immunity: making personalized medicine a reality*”

Roger Colobran, PhD. Head of the Translational Immunology Research Group, VHIR; Immunology Division, HUVH; Professor of Immunology, UAB.

Session 2: Structural Variation

15:15 – 15:45h “*Optical genome mapping to unravel undiagnosed rare diseases*”

Alexander Hoischen, PhD. Professor of Genomic Technologies for Immune-Mediated and Infectious Disease, Radboud University Medical Center, Nijmegen (The Netherlands).

15:45 – 16:05h “*From classical cytogenetics to optical genome mapping*”

Mar Xunclà, MSc. Medicine Genetics Research Group, VHIR; Clinical and Molecular Genetics, HUVH.

Break (16:05 – 16:30h)

Session 3: Somatic Variation

16:30 – 17h “*Identifying disease causing somatic variants in genetic errors of immunity*”

Megan A. Cooper, MD, PhD. Professor of Pediatrics, Washington University, St. Louis (USA).

17 – 17:20h “*Genetic mosaicism in IEL: a challenge in routine diagnosis*”

Anna Mensa-Vilaró, MD, PhD. Immunology Department - CDB, Hospital Clínic - IDIBAPS.

Session 4: Round table

17:20 – 17:40h “*Shaping the future: challenges and opportunities in immunogenetics*”

All speakers, and invited experts:

Irene Valenzuela, MD. Medicine Genetics Research Group, VHIR; Clinical and Molecular Genetics, HUVH.

Pere Soler Palacín, MD, PhD. Head of the Infection and Immunity in Pediatric Patients Research Group, VHIR; Head of the Pediatric Infectious Diseases and Immunodeficiencies Unit, HUVH; Professor of Immunology, UAB.

Closing remarks (17:40 – 18h)

Register here to attend by Zoom

