

## 2<sup>nd</sup> Immune dysregulation workshop SJD Barcelona Children's Hospital From basics to clinics

### Contact

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Free registration

Registration link:

<https://formacion.sjdhospitalbarcelona.org/>



**Hybrid course: Onsite (Dr. Plaza - Auditorium) and online (webinar).**  
**The webinar link will be provided 48 hours before the start of the course.**  
**The link to the recorded course will be sent to registrants after 4-6 weeks.**

*\*\*\*We remind you that you will have at your disposal, in the virtual classroom, the satisfaction survey that you will have to fill in in order to obtain your corresponding certificate.*

With the support of:



*"This workshop is organised by the SJD Barcelona Children's Hospital, member of the European Reference Network for Rare Immunological Disorders RITA (ERN RITA)."*

With the scientific endorsement of:



*"The opinions expressed by the authors or speakers do not reflect the official position of SERPE."*

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### Organizers

**Jordi Antón, MD, PhD**

Head of the Pediatric Rheumatology Department  
SJD Barcelona Children's Hospital.

**Laia Alsina, MD, PhD**

Head of the Pediatric Allergy and Clinical Immunology Department  
SJD Barcelona Children's Hospital.

**Juan Ignacio Aróstegui MD, PhD**

Head of Clinical Immunology Division. Hospital Clínic, Barcelona.

**Manel Juan, MD, PhD**

Head of Immunology Department, Hospital Clínic, Barcelona.

### Dates

December 19th, 2024

**Online (webinar):** Zoom platform

**Onsite (Dr. Plaza - Auditorium):** SJD Barcelona Children's Hospital

December 19th, 2024

14:15 – 14:30h Welcome. *Laia Alsina and Jordi Anton.*

**Table 1: Advances in diagnosis in immune dysregulatory diseases**

Chairs: *Juan Ignacio Aróstegui and Jordi Antón.*

14:30 - 15:00h. RNA signatures in clinical practice: Gaps and knowns. *Anna Mensa-Vilaró.*

15:00 – 15:30h. Validation of variants of uncertain significance. *Ruben Martinez Barricarte.*

**Table 2: Advances in treatment in immune dysregulatory diseases**

Chairs: *Andrea Cerutti and Laia Alsina .*

15:30 - 16:00h. Update in B-cell disturbances in autoimmune diseases. *Virginia Pascual.*

16:00 - 16:30h. Role of T-cell in B-cell autoimmunity. *Carola García de Vinuesa.*

**16:30- 17:00 Harmony break: 30 min**

17:00 - 17:30h. CAR-T therapies in autoimmune diseases: Gaps and knowns in efficacy and safety. *Manel Juan.*

17:30 - 18:00h. Biomarkers of B cell reservoir in pediatrics to understand the impact of B-cell depleting therapies. *Angela Deyà-Martínez.*

18:00 – 18:30h. Allogenic hematopoietic stem cell transplantation in immune dysregulation. *Andrew R Gennery.*

18:30 - 19:00h. Gene therapy in immune disorders. *Alessandra Magnani.*

19:30h. Conclusions and farewell. *Laia Alsina and Jordi Antón.*

## CHAIRS

- **Juan Ignacio Aróstegui MD, PhD.** Head of Clinical Immunology Division. Hospital Clínic, Barcelona.
- **Jordi Antón, MD, PhD,** Head of the Pediatric Rheumatology Department, SJD Barcelona Children's Hospital.
- **Andrea Cerutti, MD, PhD.** ICREA Research Professor at Hospital del Mar Research Institute.
- **Laia Alsina, MD, PhD,** Head of the Pediatric Allergy and Clinical Immunology Department. SJD Barcelona Children's Hospital.

## SPEAKERS

- **Anna Mensa-Vilaró, PhD.** Clinical Immunology Division. Immunology Department, Hospital Clínic, Barcelona.
- **Ruben Martinez Barricarte, MD, PhD.** Assistant Professor. Vanderbilt University Medical Center. Division of Genetic Medicine, Department of Medicine. Division of Molecular Pathogenies, Department of Pathology, Microbiology and Immunology. Nashville (USA).
- **Virginia Pascual, MD, PhD.** Gale and Ira Drukier Director of Children's Health Research, Weill Cornell Medical College. Professor of Pediatrics, Weill Cornell Medical College. New York (USA).
- **Carola García de Vinuesa, MD, PhD.** Principal Group Leader - Assistant Research Director at Autoimmunity Laboratory at Francis Crick Institute, London, UK.
- **Manel Juan, MD, PhD.** Head of Immunology Department, Hospital Clinic, Barcelona.
- **Angela Deyà-Martínez, MD, PhD.** Pediatric specialist of the Pediatric Allergy and Clinical Immunology Department. SJD Barcelona Children's Hospital.
- **Andrew R Gennery, MD, PhD.** Professor/Honorary consultant in Paediatric Immunology and Hematopoietic Stem Cell Transplantation at Newcastle University and Great North Children's Hospital, Newcastle Upon Tyne Hospital Trust.
- **Alessandra Magnani, MD, PhD.** Head of the Advanced Therapies Platform. SJD Barcelona Children's Hospital.