

Modelling Immunotherapy in 3D: Bridging the Gap to the Clinic

9th February 2026, CosmoCaixa, Barcelona

Scientific Program

- 8:30 – 9:00** **Registration**
- 9:00 – 9:15** **Welcome:** Eva Martinez-Balibrea, Chair of IMMUNO-model COST Action; Jordi Barretina, IGTP Director (Badalona, ES).
- Session I**
Chairs: Sara Bystrup, Germans Trias i Pujol Research Institute (IGTP) (Badalona, ES) & Vitor Gaspar, University of Aveiro (Aveiro, PT).
- 9:15 – 09:35** ***Strength through diversity: Patient-derived organoids to dissect the heterogeneity of immune evasion in cancer.***
Krijn Dijkstra, The Netherlands Cancer Institute (Amsterdam, NL).
- 09:45 – 10:05** ***Immuno-Epithelioids: Preclinical in vitro modelling of immune–epithelial dynamics for immunotherapy development.***
David Fernandez-Antorán, IIS-Aragon (Zaragoza, ES) and The Gurdon Institute, University of Cambridge (Cambridge, UK).
- 10:15 – 11:00** **Coffee break**
- 11:00 – 11:20** **TBC - Scientific Talk**
- Session II**
Chairs: Arola Fortian, Germans Trias i Pujol Research Institute (IGTP) (Badalona, ES) & Ferran Grau, Germans Trias i Pujol Research Institute (IGTP) (Badalona, ES).
- 11.30 – 11.50** ***Multi-cellular models of the ovarian cancer microenvironment to study immunotherapies.***
Frances Balkwill, Centre for Tumour Microenvironment; Barts Cancer Institute, Queen Mary University of London (London, UK).
- 12:00 – 12:20** ***Tumor-on-Chip as a personalized immunocompetent platform for rapid drug testing.***
Maria Carla Parrini, Institut Curie - Inserm U1339 - CNRS UMR3666 (Paris, FR).
- 12:30 – 12:50** ***Modeling antitumor immune responses in human tumors to decode ICB clinical outcome.***
Mercedes Machuca-Ostos, The Netherlands Cancer Institute; OncoCode Institute (Amsterdam, NL).
- 13:00 – 14:00** **Lunch break**

14:00 – 14:30 ***Featured Talk: Modeling human tumor and tissue microenvironments using organoids.***

Calvin J Kuo, Stanford University School of Medicine (Palo Alto, USA).

Session III

Chairs: Hatim Boughanem, Cordoba Institute for Biomedical Research (FIBICO) (Cordoba, ES) & Beatriz Gonzalez, Germans Trias i Pujol Research Institute (IGTP) (Badalona, ES).

14:40 – 14:50 ***Immune Checkpoint inhibitor testing for NSCLC.***

Jens Kelm, CSO, PreComb AG, (Hombrechtikon, CH).

15:00 – 15:10 **TBC – Industry Talk**

15:20 – 15:35 **Short talk 1**

15:40 – 15:55 **Short talk 2**

16:00 – 16:15 **Short talk 3**

16:20 – 16:35 **Short talk 4**

16:40 – 17:20 **Round Table**

Chairs: Eva Martinez-Balibrea - Germans Trias i Pujol Research Institute (IGTP) and Catalan Oncology Institute (ICO) (Barcelona, ES) & Sergio Alonso - Germans Trias i Pujol Research Institute (IGTP) (Badalona, ES).

17:20 – 17:30 **Closing remarks**

Eva Martinez-Balibrea - Germans Trias i Pujol Research Institute (IGTP) and Catalan Oncology Institute (ICO) (Barcelona, ES).

Scientific Committee

- Eva Martinez-Balibrea - Chair of IMMUNO-model COST Action, Germans Trias i Pujol Research Institute (IGTP) and Catalan Oncology Institute (ICO), Spain
- Vitor Gaspar – University of Aveiro, Portugal
- Ana Mitrovic - Jožef Stefan Institute, Slovenia
- Hatim Boughanem - Cordoba Institute for Biomedical Research (FIBICO), Spain

Local Organising Committee

- Eva Martinez-Balibrea - Chair of IMMUNO-model COST Action, Germans Trias i Pujol Research Institute (IGTP) and Catalan Oncology Institute (ICO), Spain
- Arola Fortian - Germans Trias i Pujol Research Institute (IGTP), Spain
- Beatriz Gonzalez - Germans Trias i Pujol Research Institute (IGTP), Spain
- Sara Bystrup - Germans Trias i Pujol Research Institute (IGTP), Spain
- Ferran Grau - Germans Trias i Pujol Research Institute (IGTP), Spain
- Sergio Alonso - Germans Trias i Pujol Research Institute (IGTP), Spain
- Jordi Barretina – General Director, Germans Trias i Pujol Research Institute (IGTP) and Catalan Oncology Institute (ICO), Spain

Note: The agenda and speakers are subject to change. Check the website for the latest updates:

<https://www.immuno-model.eu/>