

Defence is the Best Attack: Immuno-Oncology Breakthroughs Programme

Barcelona, Spain

13 - 15 May 2025



Scientific Programme

Tuesday 13th May 2025

Listed times are in Central European Summer Time (CEST)

- 11:30 REGISTRATION
- 12:30 WELCOME LUNCH
- 13:30 CONFERENCE WELCOME
- SESSION 1
- Session Chair: Joan Seoane**
- 13:40 **Myriam Chalabi**
NKI Amsterdam, Amsterdam, Netherlands
Neoadjuvant immunotherapy in pMMR and dMMR colorectal cancers
Q&A 14:00 - 14:10
- 14:10 **Marcela Maus**
Harvard, Cambridge, USA
Driving new CAR T cells
Q&A 14:30 - 14:40
- 14:40 THE EMBO KEYNOTE LECTURE
Ido Amit
Weizmann Institute of Science, Rehovot, Israel
The power of ONE: Immunology in the age of spatial and single cell genomics
Q&A 15:00 - 15:10
- 15:10 COFFEE BREAK & SOLO TRAVELLERS' MEET-UP
- 15:40 SATELLITE SYMPOSIUM - ELITE SPONSOR
- 16:10 KEYNOTE LECTURE
Antoni Ribas
UCLA, Los Angeles, USA
Multicellular interactions mediating response and resistance to cancer immunotherapy
Q&A 16:40 - 16:55
- 16:55 **Omer Dushek**
Sir William Dunn School of Pathology, University of Oxford, Oxford, UK
Reducing off-target cross-reactivity without impacting on-target sensitivity for safe and effective TCR-T cell therapies
Q&A 17:15 - 17:25
- 17:25 **5 Proffered Papers**
- 18:25 COFFEE BREAK

- 18:55 SPEED NETWORKING
19:25 WELCOME BUFFET & DRINKS
20:05 POSTER DISCUSSION SESSION 1

Wednesday 14th May 2025

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SESSION 2

Session Chair: Yardena Samuels

- 08:30 **5 Proffered Papers**
- 09:30 **Johanna Joyce**
University of Lausanne, Lausanne, Switzerland
Exploring and therapeutically exploiting the tumour microenvironment
Q&A 09:50 - 10:00
- 10:00 **Joan Seoane**
VHIO, Barcelona, Spain
Impact of the tumor microenvironment on immunotherapies targeting brain cancer
Q&A 10:20 - 10:30
- 10:30 **Maria Casanova-Acebes**
CNIO, Madrid, Spain
Circadian immunity: can we exploit it therapeutically?
Q&A 10:50 - 11:00
- 11:00 COFFEE BREAK
- 11:30 SATELLITE SYMPOSIUM - ELITE SPONSOR
- 12:00 **5 Proffered Papers**
- 13:00 LUNCH
- SESSION 3
- Session Chair: Sonia Guedan**
- 14:00 KEYNOTE LECTURE
Alberto Mantovani
Queen Mary University of London, London, UK
The yin yang of tumour-associated macrophages
Q&A 14:30 - 14:45
- 14:45 **Filipe Pereira**
Lund University, Lund, Sweden
A cancer immunotherapy modality based on dendritic cell reprogramming in vivo
Q&A 15:05 - 15:15
- 15:15 **Yardena Samuels**
Weizmann Institute of Science, Rehovot, Israel
Revisiting the neoantigen approach to cancer immunotherapy
Q&A 15:35 - 15:45

- 16:00 COFFEE BREAK
- 16:30 PANEL DISCUSSION: MECHANISMS OF ACQUIRED RESISTANCE TO IMMUNOTHERAPIES
Joan Seoane (VHIO, Barcelona, Spain), Sonia Guedan (Clinic Barcelona, Barcelona, Spain), Ignacio Melero (Cima Universidad de Navarra, Pamplona, Spain), Yardena Samuels (Weizmann Institute, Rehovot, Israel), Josep Taberner (VHIO, Barcelona, Spain)
- 17:00 **5 Proffered Papers**
- 18:00 POSTER DISCUSSION SESSION 2
- 20:30 CONFERENCE DINNER (OPTIONAL TICKETED EVENT)

Thursday 15th May 2025

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SESSION 4

Session Chair: Ignacio Melero

- 08:30 **5 Proffered Papers**
- 09:30 **Sonia Guedan**
IDIBAPS, Barcelona, Spain
Next generation CAR-T cells for cancer treatment
Q&A 09:50 - 10:00
- 10:00 **Christopher Klebanoff**
Memorial Sloan Kettering Institute, New York, USA
Therapeutic targeting of human cancers using CD4+ T cells
Q&A 10:20 - 10:30
- 10:30 **Rony Dahan**
Weizmann Institute of Science, Rehovot, Israel
Antibody-based cancer immunotherapies
Q&A 10:50 - 11:00
- 11:00 COFFEE BREAK
- 11:30 KEYNOTE LECTURE
Tak Mak
Princess Margaret Cancer Centre, Toronto, Canada
Metabolic and neural regulation of immunity and cancer
Q&A 12:00 - 12:15
- 12:15 SUMMARY AND AWARDS PRESENTATION
- 12:30 DEPART