Defence is the Best Attack: Immuno-Oncology Breakthroughs Programme

Barcelona, Spain

11 - 13 May 2027

Scientific Programme

Tuesday 11th May 2027

11:30 REGISTRATION

12:00 WELCOME LUNCH

13:00 CONFERENCE WELCOME - SCIENTIFIC PROGRAMME COMMITTEE

SESSION 1: T CELL-BASED THERAPIES
Chair - Joan Seoane

13:10 **Marcela Maus**
Harvard Medical School, USA
'New findings in CAR-T cells'

Q&A: 13:30-13:40

13:40 **Joan Seoane**
VHIO, Spain
'Enabling T cell engagers in solid tumors'

Q&A: 14:00-14:10

14:10 KEYNOTE LECTURE
Carl June
University of Pennsylvania, USA
'CAR T on the Attack Against Cancer'

Q&A: 14:40-14:55

14:55 EXHIBITOR INTRODUCTIONS

15:00 COFFEE BREAK & SOLO TRAVELLERS MEET UP

SESSION 2: REPROGRAMMING TUMOR IMMUNITY: PLASTICITY IN THE TUMOR MICROENVIRONMENT
Chair - Alena Gros

15:30 INDUSTRY SPOTLIGHT - CELL SIGNALING TECHNOLOGY
TBC

15:45 INDUSTRY SPOTLIGHT
Led by members of the Scientific Programme Committee

16:00 **Anna Obenauf**
IMP, Austria
'Unlocking immunity: Decoding and reprogramming the immune-evasive tumor microenvironment'

Q&A: 16:20-`16:30

16:30 **Leila Akkari**
NKI, Netherlands

'Leveraging Myeloid Cell Diversity in Cancer- A Matter of Plasticity and Metabolism'

Q&A: 16:50-17:00

17:00 5 SELECTED PROFFERED PAPERS
10 minute presentations

18:00 WELCOME RECEPTION

18:45 POSTER DISCUSSION SESSION 1

Wednesday 12th May 2027

SESSION 3: ENGINEERING ANTI-TUMOUR IMMUNITY
Chair - Leila Akkari

5 SELECTED PROFFERED PAPERS
10 minute presentations

09:30 **Alena Gros**
VHIO, Spain
'From Tumor Antigens to Personalized T Cell Therapies'

Q&A: 9:50-10:00

10:00 **Ton Schumacher**
NKI, Netherlands
'T cell recognition of human cancer: Cracking the code'

Q&A: 10:20-10:30

10:30 **Christoph Scheiermann**
LMU Munich, Germany and the University of Geneva, Switzerland
'Circadian tumor immune responses'

Q&A: 10:50-11:00

11:00 COFFEE BREAK

11:30 INDUSTRY SPOTLIGHT
Led by members of the Scientific Programme Committee

11:45 INDUSTRY SPOTLIGHT
Led by members of the Scientific Programme Committee

12:00 5 SELECTED PROFFERED PAPERS
10 minute presentations

13:00 LUNCH

SESSION 4: PREDICTING AND OVERCOMING IMMUNOTHERAPY RESISTANCE
Chair - Marcela Maus

14:00 **Marleen Kok**
NKI, Netherlands
'Tumor micro-environment dynamcis in immunotherapy response in breast cancer'

Q&A: 14:20-14:30

14:30 **Lilian Su**
Princess Margaret Cancer Centre and University of Toronto, Canada
'Predicting Immune Response and Resistance Beyond Genomics'

Q&A: 14:50-15:00

15:00 **Marion Subklewe**
LMU Klinikum, Germany
'Hematotoxicity as a Driver of Non-Relapse Mortality after CAR T-cell Therapy'

Q&A: 15:20-15:30

15:30 COFFEE BREAK

16:00 NETWORKING SESSION
Led by members of the Scientific Programme Committee

16:45 5 SELECTED PROFFERED PAPERS
10 minute presentations

17:45 POSTER DISCUSSION SESSION 2
Coffee available

20:30 CONFERENCE DINNER
Optional ticketed event

Thursday 13th May 2027

SESSION 5: CANCER PREVENTION AND EARLY IMMUNE INTERCEPTION
Chair - Joan Seoane

5 SELECTED PROFFERED PAPERS
10 minute presentations

09:30 **Direna Alonso-Curbelo**
IRB Barcelona, Spain
'Rewiring Repair: Non-genetic Determinants of Inflammation-Driven Tumorigenesis and Anti-tumor Immunity'

Q&A: 9:50-10:00

10:00 THE EMBO KEYNOTE LECTURE
Charles Swanton
The Francis Crick Institute, UK
'Towards Lung Cancer Prevention'

Q&A: 10:20-10:30

10:30 **Christoph Bock**
CeMM Research Centre for Molecular Medicine and Medical University of Vienna, Austria
'Programmed Cells? Epigenetics, AI, and Cell Engineering for Cancer and Immunity'

Q&A: 10:50-11:00

11:00 COFFEE BREAK

11:30 KEYNOTE LECTURE
Miriam Merad
Icahn School of Medicine at Mount Sinai, USA
'Targeting myeloid inflammation to prevent lung cancer'

Q&A: 12:00-12:15

12:15 CLOSING SUMMARY AND PRESENTATION OF AWARDS

12:15 DEPART