Next Generation Immunotherapies: From Innovative Approaches to Overcoming Resistance and Beyond Programme

Virtual Event

24 - 25 February 2026

Scientific Programme

Tuesday 24th February 2026

Listed times are in Central European Time (CET)

12:00 WELCOME TO DAY ONE

Chair: Maria Caffarel

12:05 **Raymond Schiffelers**
UMC Utrecht, Netherlands
'Targeted lipid nanoparticles delivering DNA for in vivo CAR T cell engineering'

Q&A 12:25-12:35

12:35 **Pablo Menendez**
Josep Carreras Leukaemia Research Institute, Spain
'Armoured-CAR T cell-redirecting immunotherapy for metastatic and refractory Ewing Sarcoma'

Q&A 12:55-13:05

13:05 **Chiara Caprioli**
KU Leuven, Belgium
Proffered Paper 1: 'Unraveling Response to Dendritic Cell Vaccination in Glioblastoma by Spatial Transcriptomics Profiling'

Q&A 13:15-13:20

13:20 **Myrofora Panagi**
University of Cyprus, Cyprus
Proffered Paper 2: 'Engineering the tumor microenvironment with programmable bacteria to enhance immunotherapy'

Q&A 13:30-13:35

13:35 INDUSTRY SPOTLIGHT - LIGHTCAST
Scott Brouilette
Lightcast
'Envisia: single-cell phenotypic profiling'

13:40 REFRESHMENT BREAK

Chair: Federica Sallusto

13:55 FLASH TALKS 1

14:10 **Marleen Kok**
NKI, Netherlands
'Tumor dynamics during immunotherapy response in breast cancer'

Q&A 14:30-14:40

14:40 Luna Ridan Cordeiro Minute
Hospital la Paz Institute for Health Research, Spain
Proffered Paper 3: 'MV130 as a new innate memory-based immunotherapy against cancer'

Q&A 14:50-14:55

14:55 REFRESHMENT BREAK

Chair: Toni Celià-Terrassa

15:05 FLASH TALKS 2

15:20 **Pietro Paolo Vitiello**
IFOM, Italy
Proffered Paper 4: 'The combination of cisplatin and temozolomide triggers immune surveillance through antigen-dependent and independent mechanisms'

Q&A 15:30-15:35

15:35 **Adriaan de Groot**
Netherlands Cancer Institute, Netherlands
Proffered Paper 5: 'CD28 glyco-editing augments CD8 T cell:tumor cell interaction and killing'

Q&A 15:45-15:50

15:50 CLOSING KEYNOTE
Nathan West
Genentech, USA
'Emerging cytokine-based strategies for cancer immunotherapy'

Q&A 16:20-16:35

16:35 SUMMARY AND CLOSE

Wednesday 25th February 2026

Listed times are in Central European Time (CET)

12:00 WELCOME TO DAY TWO

Chair: Arianna Calcinotto

12:05 **Joaquin Arribas**
Hospital del Mar Research Institute, Spain
'Turning HER2-Amplified Tumors into CAR-T Responders'

Q&A 12:25-12:35

12:35 EMBO KEYNOTE LECTURE
Eric Vivier
Centre d'Immunologie de Marseille-Luminy, France
'Harnessing NK cells in cancer therapies'

Q&A 12:55-13:05

13:05 **Marco Piva**
CIC BIoGUNE, Spain
Proffered Paper 6: 'A novel androgen-responsive metastatic prostate cancer model for rational combination immunotherapy'

Q&A 13:15-13:20

13:20 **Margo De Velder**
Ghent University, Belgium
Proffered Paper 7: 'mRNA lipid nanoparticles alter myeloid cell dynamics in the 4T1 tumor microenvironment'

Q&A 13:30-13:35

13:35 REFRESHMENT BREAK

Chair: Toni Celià-Terrassa

13:50 FLASH TALKS 3

14:05 **Victor Peperzak**
University Medical Center Utrecht, Netherlands
Proffered Paper 8: 'Enhancing CAR T cell cytotoxicity through targeted delivery of pro-apoptotic cargo'

Q&A 14:15-14:20

14:20 **Alena Gros**
VHIO, Spain
'Towards personalized antitumor T-cell therapies from peripheral blood'

Q&A 14:40-14:50

14:50 REFRESHMENT BREAK

15:05 FLASH TALKS 4

15:15 **Arianna Calcinotto**
Institute of Oncology Research, Switzerland
'Neutrophils in cancer: heterogeneous and multifaceted'

Q&A 15:35-15:45

15:45 **Nicolae Ciobu Zubenco**
Columbia University, USA
Proffered Paper 9: 'Lipid desaturation as a metabolic checkpoint for T cell immunity suppression in liver cancer'

Q&A 15:55-16:00

16:00 DISCUSSION SESSION
Maria Caffarel, Nathan West, Joaquin Arribas
"How to translate the next generation immunotherapies to the clinic?"

16:45 CONFERENCE SUMMARY AND CLOSE