

2nd European Cancer Dependency Map Symposium

 20 Nov 2025
h 9:00 - 18:30

 Human Technopole,
Milan (IT)



PROGRAMME

- 09:00 - 09:30 Registration & Welcome Coffee - HT Auditorium & Covered Piazza
- 09:30 - 10:00 OPENING REMARKS - HT Auditorium
- 9:30 - 9:40 Welcome by the Organizers
- 9:40 - 10:00 Greetings from the HT Director - Marino Zerial
- 10:00 - 11:00 SESSION 1 - HT Auditorium
Non-Cell-Autonomous Dependency Maps
and Advanced Cell Systems
- 10:00 - 10:30 Carmen Herranz-Ors (Wellcome Sanger Institute, UK)
A Tumour Organoid Biobank for Mapping Cancer Cell Vulnerabilities
- 10:30 - 11:00 Alejandra Bruna (The Institute of Cancer Research, UK)
Targeting Plasticity to Prevent Childhood Cancer Relapse
- 11:00 - 11:30 Coffee Break & Poster Presentations - Restaurant Area
- 11:30 - 13:00 SESSION 2 - HT Auditorium
Synthetic lethality and Innovations in CRISPR Screening
- 11:30 - 12:00 Manuel Kaulich (Institute of Biochemistry II, DE)
Nuclear mRNA processing masks CRISPRko phenotypes
- 12:00 - 12:30 Chris Lord (The Institute of Cancer Research, UK)
Extending the application of the synthetic lethal principle in cancer
- 12:30 - 13:00 Roland Rad (Institute of Molecular Oncology and Functional Genomics, DE)
TBD
- 13:00 - 14:15 Lunch, poster session & networking - Restaurant Area

14:15 - 16:00 SESSION 3 - HT Auditorium**Data Integration, Computational Approaches and AI****14:15 - 15:00 Debora Sesia (Ciriello Lab, University of Lausanne, CH)****and Aurora Savino (Iorio Lab, Human Technopole, IT)***Functional Assessment of Variants of Unknown Significance through Cancer DepMap data analysis***15:00 - 15:30 Dr. Emanuel Gonçalves (University of Lisbon, PT)***Minimal Libraries and AI-Synthetic Augmentation of CRISPR-Cas9 Screens for Drug Target Discovery***15:30 - 16:00 Colm Ryan (University College Dublin, IE)***Understanding and predicting synthetic lethality between paralogs in cancer***16:00 - 16:30 Coffee Break & Poster Presentations - Restaurant Area****16:30 - 17:30 SESSION 3B - HT Auditorium****Data Integration, Computational Approaches and AI****16:30 - 17:00 Lodewyk Wessels (Netherland Cancer Institute, NL)***In silico prediction of post-perturbation profiles to enable combination drug response prediction***17:00 - 17:30 Evangelia Petsalaki (EMBL European Bioinformatics Institute, UK)***Using CRISPR data to study context specific signalling and drug responses***17:30 - 18:15 ROUNDTABLE DISCUSSION - HT Auditorium****Functional Genomics to Precision Medicine - What's Next?**

- Marino Zerial (Scientific Director, Human Technopole, IT)
- Davide Gianni (Senior Director, Discovery Sciences, BioPharmaceuticals R&D at AstraZeneca, IT)
- Giorgio Galli (Director, Oncology Drug Discovery (Novartis, CH))
- David Walter (Group Leader, Cancer Research Horizon - AstraZeneca Functional Genomics Centre, UK)
- Antonella Isacchi (Nerviano Medical Sciences, IT)
- Safia Danovi (Nature Genetics, UK)

18:15 - 18:30 Closing Remarks & Farewell - HT Auditorium