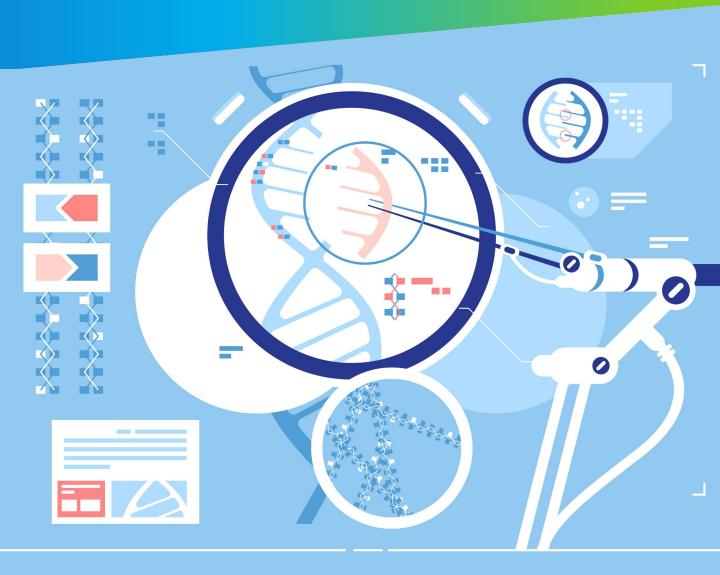




## 2<sup>nd</sup> European Cancer Dependency Map Symposium



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	
12:30 - 13:00	

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)
	<i>Minimal Libraries and Al-Synthetic Augmentation of CRISPR-Cas9</i> Screens for Drug Target Discovery
15:30 - 16:00	Colm Ryan (University College Dublin, IE)
	<i>Understanding and predicting synthetic lethality between paralogs in cancer</i>
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)
	<ul> <li>Safia Danovi (Nature Genetics, UK)</li> </ul>