

SEMM TECHNOLOGICAL ROUNDTABLES 2021

MONTH	DATE	TIME	ROUNDTABLE TITLE	CHAIR(S)	INVITED SPEAKERS
MAY	7	4.30 p.m.	Cutting Edge Technologies to Study 3D Genome Organization	Chiara Lanzuolo ITB-CNR Milan, Italy	Job Dekker UMASS-Univ. of Massachusetts Medical School Worcester, MA, US Chiara Lanzuolo ITB-CNR Milan, Italy Ana Pombo Max Delbrück Center Berlin, Germany
JUNE	22	4.00 p.m.	Microfluidics Applications in Life Sciences	Stefano Guido Francesco Salvatore CEINGE Advanced Biotechnologies Naples, Italy	Andrew de Mello ETH Zürich, Germany Nicola Elvassore Developmental Biology & Cancer Dept UCL GOS Institute of Child Health London, UK Department of Industrial Engineering Univ. of Padova Padova, Italy Stefano Guido Univ. of Naples "Federico II" and CEINGE Advanced Biotechnologies Naples, IT Margherita Ruoppolo Univ. of Naples "Federico II" and CEINGE Advanced Biotechnologies Naples, IT
JUNE	25	2.45 p.m.	Recombinant Antibody Technology	Paul Massa European Institute of Oncology (IEO) Milan, Italy	Paul Massa European Institute of Oncology (IEO) Milan, Italy Dario Neri Philochem AG Otelfingen, Switzerland Christian Steinkuhler Italfarmaco Milan, Italy Carlo Toniatti IRBM Pomezia, Italy
JUNE	29	2.45 p.m.	Molecular Microscopy in Deep Samples	Chiara Cordiglieri Istituto Nazionale Genetica Molecolare (INGM) Milan, Italy	Alberto Diaspro Dept. of Physics, Univ. of Genoa Istituto Italiano di Tecnologia (IIT) Genoa, Italy Francesca Odoardi IMSF, Dpt. Immunology, Univ. of Göttingen, Göttingen, Germany

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JULY	6	4.00 p.m.	Experimental and Therapeutic Targeting of Splicing	Gioacchino Natoli European Institute of Oncology (IEO) Milan, Italy	Omar Abdel-Wahab Memorial Sloan Kettering Cancer Center New York, US Ernesto Guccione Icahn School of Medicine at Mount Sinai New York, US Adrian R. Krainer CSHL Cancer Center CSHL Gene regulation & Inheritance Cold Spring Harbor, NY, US
SEPTEMBER	10	4.30 p.m.	Nanopore Sequencing and New Frontiers in RNA Biology	Tommaso Leonardi Francesco Nicassio IIT@SEMM Milan, Italy	Ewan Birney EMBL, EMBL-EBI Cambridge, UK Tommaso Leonardi IIT@SEMM Milan, Italy Winston Timp Johns Hopkins University, BME Baltimore, MD, US
SEPTEMBER	21	2.45 p.m.	T Lymphocytes as an Ideal Model to Study Cellular Processes in Human Primary Cells	Sergio Abrignani Istituto Nazionale Genetica Molecolare (INGM) Milan, Italy	Sergio Abrignani Istituto Nazionale Genetica Molecolare (INGM) Milan, Italy Stefano Biffo Istituto Nazionale Genetica Molecolare (INGM) Milan, Italy Federica Sallusto IRB-Università della Svizzera Italiana Bellinzona, Switzerland
OCTOBER	22	5.00 p.m.	The Microbiome in Clinical Studies: New Perspectives on Data Analysis, Integration and Translation into Therapy	Luigi Nezi European Institute of Oncology (IEO) Milan, Italy	Nicola Segata European Institute of Oncology (IEO) Milan, Italy Christine Spencer Parker Institute for Cancer Immunotherapy San Francisco, US Giorgio Trinchieri National Institute of Health (NIH) Lab. of Integrative Cancer Immunology Bethesda, MD, US Gopalakrishnan Vancheswaran AstraZeneca Rockville, MD, US
OCTOBER	29	6.00 p.m.	Synthetic Biology in the Clinics	Diego di Bernardo Univ. Of Naples "Federico II" Telethon Institute of Genetics and Medicine (TIGEM) Naples, Italy	James J. Collins MIT BE Biological Engineering Massachusetts Institute of Technology (MIT) Broad Institute of MIT & Harvard Cambridge, MA, US Miki Ebisuya EMBL Barcelona, Spain Jeff Hasty Biodynamics Univ. of California San Diego La Jolla, CA, US

NOVEMBER	12	2.45 p.m.	Towards a Mechanistic Understanding of Molecular and Cellular Processes by cryoEM	Gaia Pigino Alessandro Vannini Human Technopole (HT)	Ana Casañal Human Technopole (HT) Milan, IT Francesca Coscia Human Technopole (HT) Milan, IT Philipp Sebastian Erdmann Human Technopole (HT) Milan, IT
NOVEMBER	16	4.30 p.m.	Machine Learning and Data Visualization in Single Cell Analysis	Riccardo Rossi Istituto Nazionale Genetica Molecolare (INGM) Milan, Italy	Davide Cittaro Center for Omics Sciences San Raffaele Hospital Milan, IT Smita Krishnaswamy Yale School of Medicine New Haven, CT, US Federico Marini IMBEI-CTH Univ. Medical Center Johannes Gutenberg University Mainz, Germany
DECEMBER	3	2.45 p.m.	Structural and Conformational Proteomics	Tiziana Bonaldi European Institute of Oncology (IEO) Alessandro Vannini Human Technopole (HT)	Perdita Barran Michael Barber Centre for Collaborative Mass Spectrometry Univ. of Manchester Manchester, UK Ilaria Piazza Max Delbrück Center Berlin, Germany Richard A. Scheltema Utrecht Univ./Pharmaceutical Sciences Biomolecular Mass Spectrometry and Proteomics Utrecht, The Netherlands
DECEMBER	17	4.30 p.m.	Clinical in Vivo Gene Therapy with AAV Vectors: Now and Beyond	Pasquale Piccolo Ivana Trapani Alessia Indrieri Telethon Institute of Genetics and Medicine (TIGEM)	Eduard Ayuso Univ. of Nantes Nantes, France Shannon E. Boye Div. of Cellular & Molecular Therapy Dpt. of Pediatrics Univ. of Florida Gainesville, FL, US Federico Mingozi Spark Therapeutics Philadelphia, PA, US Nicola Brunetti-Pierri Molecular Therapy Program, Univ. of Naples Federico II Telethon Institute of Genetics and Medicine (TIGEM) Pozzuoli, NA, IT

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TBA	TBA	TBA	New Trends in Antibodies	<p>Antonio Lanzavecchia Istituto Nazionale Genetica Molecolare (INGM) Milan, Italy</p>	<p>Davide Corti Antibody Research Humabs BioMed SA, a subsidiary of Vir Biotechnology Bellinzona, Switzerland</p> <p>Ganesh E. Phad Institute for Research in Biomedicine (IRB) Bellinzona, Switzerland</p> <p>Antonio Lanzavecchia Istituto Nazionale Genetica Molecolare (INGM) Milan, Italy</p>
TBA	TBA	TBA	Super-resolution Imaging of Chromatin	<p>Caterina Missero CEINGE Advanced Biotechnologies Naples, Italy</p>	<p>Maria Pia Cosma Centre for Genomic Regulation (CRG) Barcelona, Spain</p> <p>Alberto Diaspro Dept. of Fisics, Univ. of Genoa Istituto Italiano di Tecnologia (IIT) Genoa, Italy</p> <p>Ralf Jungmann Max Planck Martinsried, Germany</p> <p>Davide Mazza San Raffaele Scientific Institute Milan, Italy</p>