

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-University of Massachusetts Medical School Worcester, MA, US Chiara Lanzuolo ITB-CNR Milan, Italy Ana Pombo Max Delbruck 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 Zuerich, Germany Nicola Elvassore Developmental Biology & Cancer Dept UCL GOS Institute of Child Health London, UK Department of Industrial Engineering University 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, CH 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 Dpt. Di Fisica, Univ. of Genoa Istituto Italiano di Tecnologia (IIT) Genoa, Italy Francesca Odoardi IMSF, Dpt. Immunology, Univ. Of Goettingen, Goettingen, 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-Univ. 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	<p>Diego di Bernardo Univ. Of Naples "Federico II" Telethon Institute of Genetics and Medicine (TIGEM) Naples, Italy</p>	<p>James J. Collins MIT BE Biological Engineering Massachusetts Institute of Technology (MIT) Broad Institute of MIT & Harvard Cambridge, Ma, US</p> <p>Miki Ebisuya EMBL Barcelona, Spain</p> <p>Jeff Hasty Biodynamics Univ. Of California San Diego La Jolla, CA, US</p>
NOVEMBER	12	2.45 p.m.	Towards a Mechanistic Understanding of Molecular and Cellular Processes by cryoEM	<p>Gaia Pigno Alessandro Vannini Human Technopole (HT)</p>	<p>Ana Casañal Human Technopole (HT) Milan, IT</p> <p>Francesca Coscia Human Technopole (HT) Milan, IT</p> <p>Philipp Sebastian Erdmann Human Technopole (HT) Milan, IT</p>
NOVEMBER	16	4.30 p.m.	Machine Learning and Data Visualization in Single Cell Analysis	<p>Riccardo Rossi Eugenia Galeota Istituto Nazionale Genetica Molecolare (INGM) Milan, Italy</p>	<p>Davide Cittaro Center for Omics Sciences San Raffaele Hospital Milan, IT</p> <p>Smita Krishnaswamy Yale School of Medicine New Haven, CT, US</p> <p>Federico Marini IMBEI-CTH Univ. Medical Center Johannes Gutenberg University Mainz, Germany</p>

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DECEMBER	3	2.45 p.m.	Structural and Conformational Proteomics	<p>Tiziana Bonaldi European Institute of Oncology IEO</p> <p>Alessandro Vannini Human Technopole (HT)</p>	<p>Perdita Barran Michael Barber Centre for Collaborative Mass Spectrometry Univ. Of Manchester Manchester, UK</p> <p>Ilaria Piazza Max Delbruck Center Berlin, Germany</p> <p>Richard A. Scheltema Utrecht Univ./Pharmaceutical Sciences Biomolecular Mass Spectrometry and Proteomics Utrecht, The Netherlands</p>
DECEMBER	17	4.30 p.m.	Clinical in Vivo Gene Therapy with AAV Vectors: Now and Beyond	<p>Pasquale Piccolo Ivana Trapani Alessia Indrieri Telethon Institute of Genetics and Medicine (TIGEM)</p>	<p>Eduard Ayuso University of Nantes Nantes, France</p> <p>Shannon E. Boye Div. of Cellular & Molecular Therapy Dpt. Of Pediatrics University of Florida Gainesville, FL, US</p> <p>Federico Mingozi Spark Therapeutics Philadelphia, PA, US</p> <p>Nicola Brunetti-Pierri Molecular Therapy Program, Univ. of Naples Federico II Telethon Institute of Genetics and Medicine (TIGEM) Pozzuoli, NA, IT</p>