

**SEMINAR @ TIGEM**  
**1 August 2024 – 31 July 2025**

<b>Speaker</b>	<b>Host Researcher</b>	<b>When</b>	<b>Title</b>
<p><b>Roberto Weigert, PhD</b>            Intravital Microscopy Core,            Laboratory of Cellular and            Molecular Biology            Center for Cancer Research,            National Cancer Institute,            NIH, Bethesda, Maryland, USA</p>	<p>Maria Antonietta            De Matteis</p>	<p>3-Sep-24</p>	<p>Mechanisms of membrane            remodeling in vivo: from            physiology to disease</p>
<p><b>Marco Angelozzi, PhD</b>            Research Staff Scientist I            Lefebvre lab            Department of Surgery            Division of Orthopaedics            Children's Hospital of            Philadelphia, USA</p>	<p>Alberto            Auricchio</p>	<p>10-Sep-24</p>	<p>Targeting an Fgfr3            enhancer: a potential            therapeutic tool for            achondroplasia</p>
<p><b>Andrea Pasquabisceglie,            PhD</b>            Science for Life Laboratory            Department of Applied Physics            KTH Royal Institute of            Technology            Solna, Sweden</p>	<p>Diego di            Bernardo</p>	<p>17-Sep-24</p>	<p>Modelling the Dynamics of            Membrane Transporters</p>
<p><b>Joshua Pan, PhD</b>            Research Scientist,            Google DeepMind            London, UK</p>	<p>Diego di            Bernardo</p>	<p>24-Sep-24</p>	<p>Accurate proteome-wide            missense variant effect            prediction with            AlphaMissense</p>
<p><b>Antonio Iavarone, M.D.</b>            Professor of Neurological            Surgery,            Deputy Director of the Sylvester,            Comprehensive Cancer Center            Director, Sylvester Brain Tumor            Institute (SBTI)            University of Miami , Miller            School of Medicine, USA</p>	<p>Andrea Ballabio</p>	<p>27-Sep-24</p>	<p>Next-generation multi-omics            classification and            therapeutic stratification of            brain tumors</p>
<p><b>Claudia Bagni, PhD</b>            Full Professor Department            Fundamental Neurosciences            University of Lausanne (CH)            Department of Biomedicine and            Prevention, University of Rome            Tor Vergata (IT)</p>	<p>Graciana Diez            Roux</p>	<p>15-Oct-24</p>	<p>Striatal alterations in            structural and functional            plasticity in            neurodevelopmental            disorders</p>

<b>Samuel H. Sternberg, PhD</b> Associate Professor Department of Biochemistry and Molecular Biophysics, Investigator, Howard Hughes Medical Institute, Columbia University, New York, NY, USA	Alberto Auricchio	28-Oct-24	Discovery and development of CRISPR-associated transposases for RNA-guided gene insertion
<b>Andrew McElroy, PhD</b> CEO, The Research Network (TNR)	Carmine Settembre	12-Nov-24	"TRN - Enabling Drug Discovery"
<b>Franck Perez, PhD</b> Cell Biology and Cancer Unit Institut Curie, PSL Research University, Paris, France	Roman Polishchuk	26-Nov-24	Exploring and Exploiting the Secretory Pathway in Mammalian Cell
<b>Carlo Viscomi, PhD</b> Associate Professor of Genetics University of Padova, IT	Alessia Indrieri	27-Nov-24	Mitochondrial diseases: from molecular mechanisms to therapies
<b>Alberto Ciccia, PhD</b> Associate Professor Department of Genetics and Development, CUIMC Columbia University Irving Medical Center CUIMC New York, NY, USA	Alberto Auricchio	10-Dec-24	CRISPR-based approaches to dissect the DNA damage response network
<b>Carlos M Farinha, PhD</b> Associate Professor Faculty of Sciences, University of Lisboa Principal Investigator BiolSI - Biosystems and Integrative Sciences Institute Lisboa, Portugal	Luis Galletta	13-Dec-24	LMTK2 in Cystic Fibrosis: a link between trafficking and signalling
<b>Giulio Chiesa, PhD</b> Research Associate Garton Lab Institute of Biomedical Engineering University of Toronto Canada	Diego di Bernardo	17-Dec-24	From protein tinkering to protein design: two synthetic biology approaches for gene therapy
<b>Artur Gittos, M.Sc.</b> Strategic Account Manager Cell and Gene Therapy Europe	Maria Antonietta De Matteis	15-Jan-25	Advancing CRISPR Based Therapies: a seminar on sgRNA Synthesis by Synthego

<p><b>Monica Dentice, PhD</b>  Professore Associato  Dipartimento di Medicina Clinica  e Chirurgia  Università degli Studi di Napoli  “Federico II”</p>	<p>Carmine  Settembre</p>	<p>4-Feb-25</p>	<p>The Thyroid Hormone  signalling in Skeletal Muscle  and its central role in energy  homeostasis</p>
<p><b>Anna Kajaste-Rudnitski, PhD</b>  Full Professor, Department of  Biology and Biotechnology,  University of Pavia ,Pavia, Italy</p>	<p>Pasquale  Piccolo</p>	<p>11-Feb-25</p>	<p>Dissecting Cell Intrinsic  Innate Immunity against  Viral Vectors</p>
<p><b>Daniela Cesana, PhD</b>  Group Leader SR-Tiget,  San Raffaele Telethon Institute  for Gene Therapy,  Milan</p>	<p>Pasquale  Piccolo</p>	<p>25-Feb-25</p>	<p>Tracking Gene Therapy's  Impact: A Dual Approach  Based on Vector Integration  Site Analyses and Cell-Free  DNA Signatures</p>
<p><b>Andrés Fernando Muro, PhD</b>  Group Leader of the Mouse  Molecule Genetics Group at the  International Centre of Genetic  Engineering and Biotechnology  (ICGEB), Trieste, Italy.</p>	<p>Nicola Brunetti  Pierri</p>	<p>25-Mar-25</p>	<p>Liver-Directed Gene  Therapy for Inborn Errors of  Metabolism</p>
<p><b>Elisa Giorgio, PhD</b>  Associate Professor of Medical  Genetics at the University of  Pavia, Dept. of Molecular  Medicine (Medical Genetics  Unit), Pavia, Italy</p>	<p>Diego di  Bernardo &amp;  Sandro Banfi</p>	<p>1-Apr-25</p>	<p>Beyond the coding DNA:  Uncovering Regulatory  Mutations</p>
<p><b>Elena Ziviani, PhD</b>  Associate Professor of  Biochemistry  Department of Biology  University of Padua  Italy</p>	<p>Alessia Indrieri</p>	<p>17-Apr-25</p>	<p>Mitochondrial quality control  in neurodegenerative  diseases and molecular  mechanisms of protection</p>
<p><b>Caleb Bashor</b>, Associate  Director, GDEC, Assistant  Professor of Bioengineering,  Rice University, Houston, United  States</p>	<p>Diego di  Bernardo</p>	<p>20-May-25</p>	<p>TBD</p>
<p><b>Alfred Akateh</b>, Senior Sales  and Business Development  Manager, Europe, Cyagen US,  Inc.   Cyagen Biomodels LLC</p>	<p>Nicola Brunetti  Pierri</p>	<p>24-June-25</p>	<p>TBD</p>
<p><b>Leszek Lisowski</b>, Vector and  Genome Engineering Facility,  Children's Medical Research  Institute, Westmead, NSW,  Australia.  11Laboratory of Molecular  Oncology and Innovative  Therapies, Military Institute of</p>	<p>Pasquale  Piccolo</p>	<p>27-Jun-25</p>	<p>TBD</p>

Medicine - National Research Institute, Warsaw, Poland. 12Translational Vectorology Research Unit, Children's Medical Research Institute, Faculty of Medicine and Health, The University of Sydney, Westmead, NSW, Australia.			
<b>Orazio Vittorio</b> , Head of the Metal Targeted Therapy & Immunology lab at Lowy Cancer Research Centre, University of New South Wales (Australia)	Roman Polishchuk	1-Jul-25	TBD

*This list of seminars is updated monthly*