

**SEMINAR @ TIGEM**  
**1 August 2020 – 31 July 2021**

**From March 10, 2020 due to the lockdown emergency for Covid 19 all the seminars have been suspended**

**Starting from October 29, 2020 all the seminars have been organized online with Zoom plattaform**

- October 29, 2020** **Luca Lignitto, PhD** (Laura and Isaac Perlmutter Cancer Center, NYU Langone Medical Center, New York, USA)  
**Deciphering the mechanisms of heme signaling in physiology and disease**  
Host researcher: **Andrea Ballabio**
- January 12, 2021** **Mirko Cortese** (University of Heidelberg, Department of Infectious Diseases, Molecular Virology, Heidelberg, Germany)  
**Integrative analysis of SARS-CoV-2-induced cellular remodeling**  
Host researcher: **Antonella De Matteis**
- January 26, 2021** **Gaia Pigo** (Research Group Leader, Max Plank Institute of Molecular Cell Biology and Genetics, Dresden, Germany)  
**Towards a mechanistic understanding of motile and primary cilia with CLEM and cryo-electron tomography”**  
Host researcher: **Brunella Franco**
- February 9, 2021** **Nico Mitro** (Associate Professor of Biochemistry, Department of Pharmacological and Biomolecular Sciences, Università degli Studi di Milano, Italy)  
**Zc3h10 dependent control of cellular metabolism**  
Host researcher: **Diego di Bernardo**
- February 23, 2021** **Sirio Dupont** (Associate Professor in Histology and Embriology at the School of Medicine, University of Padova, italy)  
**Cross-Talk between Mechanotransduction and Metabolism: How Mechanosensitive Transcription Factors Shape Lipid Synthesis and Antioxidant Homeostasis**  
Host researcher: **Paolo Grumati**
- March 2, 2021** **Diego di Bernardo** (Principal Investigator Tigem and Associate Professor of Control Engineering, Department of Chemical Engineering, University of Naples "Federico II", Italy)  
**Tackling biological complexity one cell at the time**  
Internal Seminar

- March 9, 2021** **Andrea Ditadi** (Group leader of the Human hematopoietic development and disease modeling Unit at the San Raffaele – Telethon Institute for Gene Therapy (Tiget) in Milan (Italy)  
**“If you want blood...Understanding hematopoietic development to guide human pluripotent stem cells to blood cells”**  
Host researcher: **Davide Cacchiarelli e Raffaele Castello**
- March 23, 2021** **Alfonso De Simone** (Department of Pharmacy, University of Naples “Federico II”)  
**Catching elusive molecular interactions behind Parkinson’s Disease**  
Host researcher: **Diego di Bernardo**
- March 30, 2021** **Aurelien Roux** (Biochemistry Department, University of Geneva, Switzerland)  
**The unique mechanism of ESCRT-III mediated membrane remodelling**  
Host researcher: **Carmine Settembre**
- April 6, 2021** **Francesco Trepiccione** (Associate professor of Nephrology, University of Campania “L. Vanvitelli”, Italy)  
**Targeting intracellular glycogen by limiting glucose uptake in renal proximal tubules: evidences from GSD-Ib and GSD XI**  
Host researcher: **Leopoldo Staiano**
- April 13, 2021** **Prisca Liberali** (SNSF Professor and Research Group Leader, Friedrich Miescher Institute for Biomedical Research (FMI), Basel, Switzerland)  
**Design Principles of Tissue organization**  
Host researcher: **Antonella De Matteis**
- April 20, 2021** **Diego Medina** (TIGEM)  
**Repurposing approaches to tackle LSDs**  
Internal Seminar
- April 27, 2021** **Botond Roska** (Director, Institute of Molecular and Clinical Ophthalmology Basel (IOB), Basel, Switzerland)  
**The Human Retina at Single Cell Resolution**  
Host researcher: **Sandro Banfi**
- May 4, 2021** **Luk Vanderberghe** (Harvard Medical School, Boston and Harvard

University, Cambridge, USA)

**A single dose, room-temperature stable AAV vaccine candidate for COVID**

Host researcher: **Alberto Auricchio**

**May 18, 2021**

**Hans Clevers** (TIGEM)

**TBD**

Host researcher: **Alberto Auricchio**

**May 19, 2021**

**WWM Pim Pijnappel** (Erasmus University Rotterdam, Rotterdam, Netherlands)

**TBD**

Host researcher: **Giancarlo Parenti**