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| ***DMMBM–IEOS SEMINARS***  **BUILDING 19 -“TORRE BIOLOGICA”, I PIANO** **AULA SEMINARI “SERAFINO ZAPPACOSTA”**  Via Sergio Pansini 5, Napoli | **Guest Speakers Lectures** | | |
| **Host/Organizer** | **Lecturer** | **Date** | **Title** |
|  | **Prof. V. Enrico Avvedimento**.  DMMBM, University  of Naples Federico II | March 19th  at 13:00 | ***Deciphering the Epigenetic***  ***Code reveals individual and***  ***disease-specific evolution of***  ***Acute Myeloid Leukemia*** |
| Dr. Fabio Cattaneo | **Dr. Cristina Zollo.**  Institute for Genetics, University of  Cologne, Cologne,  Germany | March 26th  at 13:00 | ***Molecular architecture***  ***and dynamics of DRP1***  ***revealed by super-resolution microscopy- a biophysical characterization*** |
| Dr. Rosario Avolio | **Prof. Fatima Gebauer.** Centre for Genomic Regulation (CRG),  Barcelona (Spain) | April 8th  at 13:00 | ***RNA-binding proteins in cancer progression*** |
| Prof. Francesca Carlomagno | **Prof. Sima Lev.** Wiezmann Institute of science, Rehovot, Israel | April 9th  at 13:00 | ***Ferroptosis vulnerability and***  ***cancer therapy of Triple-***  ***-Negative Breast Cancer*** |
| Prof. Luigi M. Pavone  and Guido Iaccarino | **Prof. Irwin J. Kurland.**  Albert Einstein College of  Medicine,  New York (USA). | May 16th  at 13:00 | ***Stable isotope flux approaches***  ***for understanding hepatic***  ***fasted/fed metabolism in vivo***  ***and for imaging energetics***  ***at cellular resolution*** |
|  |  | May 17th  at 13:00 | ***Final Examination Doctorate***  ***Program in Molecular***  ***Medicine and Medical***  ***Biotechnologies- 36° cycle*** |
| Prof. Simona Paladino | **Dr. Alessandro Fiorenzano.**  IGB-CNR, Naples;  Lund University, Dept. of Developmental and Regenerative Neurobiology Sweden. | June 11th  at 13:00 | ***From advanced cell culture***  ***systems to a stem cell***  ***transplantation***  ***for Parkinson's disease*** |
| Prof. Francesca Carlomagno | **Prof. Alberto Auricchio**. University of Naples  Federico II,  Telethon Institute of  Genetics and Medicine (TIGEM), Naples | June 13th  at 13:00 | ***ExpEditing AAV gene***  ***therapy*** |
|  | **Dr. Andrea M. Guarino.**  DMMBM, University of Naples Federico II;  Telethon Institute of  Genetics and Medicine (TIGEM), Naples | June 21st  at 13:00 | ***ER-TGN membrane contact sites***  ***and calcium: new approaches*** |
| Prof. Irene  Cantone | **Dr. Adriano Bolondi.**  Max Planck Institute of Molecular Genetics, Berlin (Germany) | July 16th  at 13:00 | ***From embryos to stem cells:***  ***charting quantitative***  ***landscapes of mammalian***  ***development*** |
| Prof. Gerolama Condorelli | **Prof. Maxim V. Berezovski**.  Department of Chemistry and Biomolecular Sciences, University of Ottawa, Ottawa (Canada) | September  26th at 13:00 | ***Aptamers in cancer and virus diagnostics*** |
| Dr. Michele Pinelli | **Prof. Alfredo Brusco.** University of Turin, Department of Neurosciences "Rita Levi Montalcini", Turin.  **Prof. Aldamaria Puliti.** University of Genoa, IRCCS Giannina Gaslini Institute, Genoa. | October 10th  at 15:00 | ***JOINT SEMINAR***  ***Studying the genetics of patients with neurodevelopmental diseases: from diagnosis to research*** |
|  | **Prof. Tommaso Russo. Alfredo Brusco.** DMMBM, University of Naples Federico II. | October 22th  at 13:00 | ***MicroRNA: elogio della piccolezza*** |
| Prof. Simona Paladino | **Prof. Paolo Grumati.**  University of Naples Federico II- TIGEM Pozzuoli | November 19th  at 13:00 | ***Remodeling ER membranes via selective autophagy*** |
| Prof. Antonio Leonardi | **Dr. Domenico Somma.**  University of Glasgow, School of Infection & Immunity, Glasgow, UK | December 5th  at 13:00 | ***Synovial tissue myeloid dendritic cell subsets exhibit distinct tissue-niche localization and function in health and Rheumatoid Arthritis*** |
| Dr. Irene Cantone | **Dr. Ilaria Panzeri.**  VanAndel Institute. Grand Rapids, Michigan (US) | December 17th  at 13:00 | ***Developmental origin of cancer risk*** |