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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, Universityof Naples Federico II | March 19that 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 26that 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 8that 13:00 | ***RNA-binding proteins in cancer progression*** |
| Prof. Francesca Carlomagno | **Prof. Sima Lev.** Wiezmann Institute of science, Rehovot, Israel | April 9that 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 16that 13:00 | ***Stable isotope flux approaches******for understanding hepatic*** ***fasted/fed metabolism in vivo******and for imaging energetics*** ***at cellular resolution*** |
|  |  | May 17that 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 11that 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 13that 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 21stat 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 16that 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) | September26th 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 10that 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 22that 13:00 | ***MicroRNA: elogio della piccolezza*** |
| Prof. Simona Paladino | **Prof. Paolo Grumati.**University of Naples Federico II- TIGEM Pozzuoli | November 19that 13:00 | ***Remodeling ER membranes via selective autophagy*** |
| Prof. Antonio Leonardi | **Dr. Domenico Somma.** University of Glasgow, School of Infection & Immunity, Glasgow, UK | December 5that 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 17that 13:00 | ***Developmental origin of cancer risk*** |