

Il 22 Dicembre 2017 in aula Giudice (ex Aula 3) della sez. di Biologia Cellulare del Dipartimento STEBICEF, Viale delle Scienze Ed. 16, si terrà il Meeting "BCM & BIRS Scientists Around the World": i giovani ricercatori cresciuti nei corsi di Laurea Magistrale di Biologia Cellulare e Molecolare (BCM) e Biotechnologie per l'Industria e la Ricerca Scientifica (BIRS) condividono la loro esperienza umana e scientifica maturata in ambienti internazionali.

scientists around the world

Session I: Microalgal biotechnology. Chair: Antonino Biundo.

09:30 – 09:45 **Serena Lima**: Human intrinsic factor expression for bioavailable vitamin B12 enrichment in microalgae

Industrial Biotechnology Centre, School of Biosciences, University of Kent. Canterbury, UK.

09:45 – 10:00 **Valeria Villanova**: Isolation and characterization of microalgal strains from Sicily island.

Translational Access EMBRIC Program @ Department of Biological Chemical and Pharmaceutical Sciences and Technologies, University of Palermo. Palermo, Italy.

Session II: Cellular biology. Chair: Simone Scilabra.

10:00 – 10:15 **Antonino Zito**: Prevalence, Tissue-specificity and age-dependent heritability of skewed X-inactivation.

Department of Twin Research and Genetics Epidemiology, King's College London. London, UK.

10:15 – 10:30 **Gabriele Pizzolato**: Analysis of innate immunity in bladder cancer.

Department of Biomedical Sciences, Humanitas University. Rozzano, Italy.

Cladibior, Policlinico Universitario Paolo Giaccone, University of Palermo. Palermo, Italy.

10:30 – 10:45 **Andrea Attardi**: Cellular trajectories of neuromesodermal progenitors during Zebrafish gastrulation.

Max Plank Institute of Molecular Cell Biology and Genetics. Dresden, Germany.

10:45 – 11:00 **Fabrizio Miranda**: From research to big pharma: a career path.

Medical Science Liaison Oncology, Medical Affairs, AstraZeneca Italia & Research Scientist, University of Oxford, Oxford, UK.

Session III: Omics approaches for human health. Chair: Emilia Palazzotto.

11:00 – 11:15 **Giuseppe Buda De Cesare**: *Candida* proteomic responses to antifungals.

Medical Research Council Centre for Medical Mycology at the University of Aberdeen. Aberdeen, UK.

11:15 – 11:30 **Simone Scilabra**: iRhom2: a new therapeutic target in Alzheimer's disease.

Department of Neuroproteomics, German Center for Neurodegenerative Diseases, Technical University Munich. Munich, Germany.

Session IV: Industrial biotechnology. Chair: Fabrizio Miranda

11:30 – 11:45 **Antonino Biundo**: Enzyme engineering for polymer functionalization.

Institute of Environmental Biotechnology, University of Natural Resources and Life Sciences. Tulln, Austria.

11:45 – 12:00 **Emilia Palazzotto**: Metabolic Engineering of Streptomycetes for Secondary Metabolite Production.

Novo Nordisk Foundation Center for Biosustainability. Technical University of Denmark. Lyngby, Denmark.