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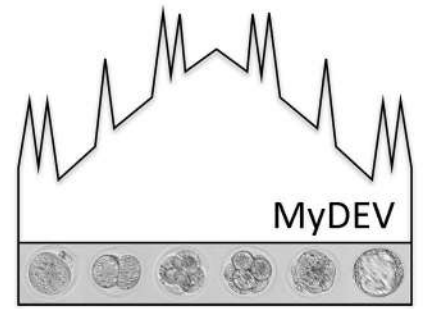


May 19th, 2023

University of Milan

MyDEV 2023

Program



h 8.30 - 9.00 Registration (Room G14, Via Camillo Golgi 19)

h 9.00 - 9.10 Welcome and opening remarks

MyDEV organizing committee: Anna Cariboni, Filippo Casoni, Alessandro Fantin, Valentina Massa, Thomas Vaccari

h 9.10 - 10.00 Plenary lecture

Prof. Didier Stainier - Transcriptional adaptation, a newly discovered mode of genetic compensation
Director, Max Planck Institute for Heart and Lung Research (Bad Nauheim, Germany)

h 10.00 - 10.45 Session I [Chairmen: Alessandro Fantin, Valentina Massa]

- 10.00 » **Antonio Galeone** (*Institute of Nanotechnology, CNR Lecce*) - Gut barrier defects, increased intestinal innate immune response, and enhanced lipid catabolism drive lethality in N-glycanase 1 deficient *Drosophila*
- 10.15 » **Silvia Becca** (*University of Turin*) - Cardiac organoids reveal chamber-specific 3D chromatin structure mechanisms dysregulated in congenital heart disease
- 10.30 » **Emanuele Azzoni** (*University of Milano-Bicocca*) - Hematopoietic stem/progenitor cells originating from extraembryonic arterial vessels are the major contributors to mouse fetal lympho-myelopoiesis

h 10.45 - 11.15 Coffee break

h 11.15 - 12.00 Session II [Chairmen: Anna Cariboni, Filippo Casoni]

- 11.15 » **Erika Donà** (*Institute of Neuroscience, CNR Milan*) - Transcriptomics meets connectomics in the fly nerve cord
- 11.30 » **Antonella Lettieri** (*University of Milan*) - SEMA6A revealed as a novel gene controlling vascular permeability and puberty onset
- 11.45 » **Alessia Motta** (*San Raffaele Scientific Institute, Milan*) - Motor axons and nerve-associated Schwann cell precursors shape the vascular network in the developing adrenal medulla

h 12.00 - 12.35 Flash talks [Chairman: Thomas Vaccari]

- 12.00 » **Martina Orefice** (*University of Pisa*) - In vivo analysis of pathogenic variants of PTBP1, involved in osteochondrodysplasia in human
- 12.07 » **Carla Liaci** (*University of Turin*) - RAC GTPase in intellectual disability: preclinical opportunities from interfering with a RAC1 protein::protein interaction
- 12.14 » **Davide Aprile** (*Human Technopole, Milan*) - Benchmarking cerebellar organoids development and their use to model autism spectrum disorders of genetic origin
- 12.21 » **Valentina Rava** (*Human Technopole, Milan*) - Using iPSCs to study the evolutionary aspects of synapse maturation
- 12.28 » **Carolina Agostini** (*University of Trento*) - Linking diverged habenular gene expression with adapted behavior in isogenic medaka strains

h 12.35 - 14.30 Free lunch break

h 14.30 - 16.00 Poster Session with coffee (Orto Botanico Città Studi - Via Camillo Golgi, 18)

h 16.00 - 16.30 Prize for the best communication and best poster



With the support of:

University of Milan

- Department of Biosciences
- Department of Health Sciences
- Department of Pharmacological and Biomolecular Sciences

Università Vita Salute San Raffaele



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