

Graduation Day

28th January 2019
Campus IFOM-IEO

9.30 – 13.30

Examination Session 1

Conference room building 9

Examining board: Raffaele Calogero, Massimo Locati, Guido Serini

Introduced by Massimo Locati

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| 9.30 Alice Bertocchi | Role of the Gut Vascular Barrier in metastatic Colon Cancer |
| 9.50 Claudia Burrello | Gut microbiota crosstalk with conventional and non-conventional T cells: a game of many players |
| 10.10 Olga Tanaskovic | Lack of p21 expression in tumor-associated APCs triggers the activation of a potent anti-tumor immune response |

Introduced by Guido Serini

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| 10.30 Paolo Falvo | Role of obesity in the development of acute promyelocytic leukemia (APL) |
| 10.50 Xieraili Aobuli | Identification of Epigenetic Inhibitors of Physiological Cellular Plasticity as Novel Tumor Suppressors |

11.10

BREAK

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| 11.30 Abrar Rizvi | Role of IRSp53 in epithelial polarity establishment and lumen morphogenesis |
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Introduced by Raffaele Calogero

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| 11.50 Koustav Pal | Exploring changes in higher-order genome organisation during the coordinated transcriptional up-regulation in drosophila dosage compensation |
| 12.10 Alessandro Vitriolo | Multi-omic deconvolution of the regulatory networks underlying neurodevelopmental and autism spectrum disorders: a multidimensional analysis for a new disease modelling paradigm |
| 12.30 Wondimu Gebreyes | An electrochemical microfluidic biosensor platform fabricated by additive manufacturing and supersonic cluster beam deposition |

12.50

Meeting of the Examining Board

14.00 – 18.00

Examination Session 2

Conference room, Building 9

Examining board: Simona Paladino, Stefano Piccolo, Claudio Tripodo

Introduced by Stefano Piccolo

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| 14.00 Maira Di Tano | Fasting-mimicking diet-based non-toxic combination therapy in cancer treatment: from molecules to bedside |
| 14.20 Vanessa Spagnolo | Effect of fasting mimicking conditions on hormone therapy efficacy and resistance acquisition in breast cancer |
| 14.40 Valentina Palmerini | Structural and functional insights on the drosophila TNFR Grindelwald, coupling loss of cell polarity and neoplastic growth |

Introduced by Simona Paladino

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| 15.00 Giovanni Giangreco | Characterization of Epsin3 function in the acquisition of a partial EMT state in breast cancer through E-Cadherin endocytosis |
| 15.20 Irene Schiano Lomoriello | Investigation of the role of the endocytic protein Epsin3 in EMT and mammary stem cell regulation in breast cancer |

15.40

BREAK

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| 16.00 Giorgio Baldi | Identification and characterization of stressed replication fork intermediates |
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Introduced by Claudio Tripodo

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| 16.20 Martina Sormani | Functional role of the histone demethylase UTX in B cell development and antibody responses in vivo |
| 16.40 Federica La Mastra | Polycomb group proteins Ring1A/Ring1B control peripheral B cell homeostasis and terminal differentiation |
| 17.00 M. Elena Boggio Merlo | NPMc+ as a model system to investigate the role of quiescence in leukemia development |

17.20

Meeting of the Examining Board

14.00 – 18.00

Examination Session 3

Meeting room 1-2, building 9

Examining board: Sirio Dupont, Sara Cabodi, Massimiliano Pagani

Introduced by Massimiliano Pagani

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| 14.00 Marta Milan | Involvement of the transcription factor MYRF in signaling from the endoplasmic reticulum to the nucleus in pancreatic cancer |
| 14.20 Gabriele Alfarano | Interferon Regulatory Factor 1 (IRF1) links immunological and metabolic traits to histological grade in pancreatic cancer |
| 14.40 Michele Gabriele | The developmental logic of enhanceropathies caused by KMT2D and YY1 haploinsufficiency through patient-derived disease modeling platforms |

Introduced by Sirio Dupont

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| 15.00 Elisa Magistrati | Functional characterization of myosin VI in centrosome biology and cell cycle progression |
| 15.20 Cecilia Claudi | Polo-like kinase Cdc5 contributes to mitotic spindle elongation via the kinesin-5 motor protein Cin8 |

15.40

BREAK

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| 16.00 Ambra Dondi | Adaptation to the DNA damage checkpoint requires the rewiring of the cell cycle machinery |
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Introduced by Sara Cabodi

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| 16.20 Veronica D'Uva | Relevance of Numb Isoforms in Breast Cancer |
| 16.40 Simone Sabbioni | Characterization of the molecular mechanism responsible for the loss of the tumor suppressor Numb in breast cancer |
| 17.00 Ilaria Galasso | Precision medicine in society: promises, expectations and concerns around social and health equity |

17.20 – 18.00

Meeting of the Examining Board

18.00 **Graduation Ceremony**

18.15 **Closing Remarks by Bruno Amati, SEMM Scientific Director**

18.30 **Aperitif**