

Session A: MOLECULAR & CELLULAR BIOLOGY PART I

Afternoon session: h. 15.00/23.00

11:00 - 12:30 Registration and poster positioning

13:00 - 14:30 Welcome Lunch

14:50 - 15:00 **Opening Remarks**
Andrea Musacchio, IFOM-IEO Campus

15:00 - 15:20 **ROBERTO BOGGIO**, IFOM-IEO Campus
"Gam1 and the Sumo pathway"

15:20 - 15:40 **ANDREA CROTTI**, Vita-Salute S.Raffaele University
"Understanding the role of STAT5 and STAT5ΔC in HIV infection/replication"

15:40 - 16:00 **CLAUDIO CIFERRI**, IFOM-IEO Campus
"Molecular architecture of the human Ndc80-Hec1 complex, a critical constituent of the outer kinetochore"

16:00 - 16:20 **JILL MARTURANO**, Vita-Salute S.Raffaele University
"Tumor antigen processing and presentation on MHC class II molecules for CD4⁺ T cell recognition in health and disease"

16:20 - 16:50 Coffee break

16:50 - 17:10 **CRISTINA SIRONI**, Vita-Salute S.Raffaele University
"Functional and biochemical characterization of EFA6, a key player in cytoskeletal remodelling"

17:10 - 17:30 **CHRIS MADSEN**, IFOM-IEO Campus
"Complete Alanine-scan of human UPAR"

17:30 - 19:30 **Poster Session I**

20:00 - 21:30 Dinner

21:30 - 23:00 **Poster Session II**

Session A: MOLECULAR & CELLULAR BIOLOGY PART II

Morning session: h. 9.00/13.00

09:00 - 09:20 **ANGELO LOMBARDO**, Vita-Salute S.Raffaele University
"Development of novel lentiviral vectors for gene correction of inherited mutations"

09:20 - 09:40 **STEFANO BIRESSI**, Vita-Salute S.Raffaele University
"The molecular basis of skeletal myoblast diversification. Gene expression analysis of purified embryonic and fetal myoblasts"

09:40 - 10:00 **ALESSIO MAIOLICA**, IFOM-IEO Campus
"Protein-protein interaction by mass spectrometry"

10:00 - 10:20 **PIETRO VEGLIANESE**, IRFMN
"Characterization of the AMPA receptors subunits and their associated trafficking proteins (ABP, NSF and PICK-1) in a mouse model of amyotrophic lateral sclerosis"

10:20 - 10:50 Coffee break

10:50 - 11:10 **LAURA CARRASSA**, IRFMN
"Molecular mechanisms regulating the G2 checkpoint focusing on chk1"

11:10 - 11:30 **VERA MAGISTRONI**, Istituto Nazionale Tumori
"Bim promoter is highly methylated in malignant lymphoid cell lines, leading to downregulation of BIM expression and protection from apoptosis"

11:30 - 12:10 **LINDA M. HENDERSHOT**, Memphis, TN, USA
"The unfolded protein response and its role in plasma cell differentiation"

12:10 - 13:00 Round table

13:00 - 14:30 Lunch

Session B: IMMUNOLOGY

Afternoon session: h. 14.30/16.30

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- 14:30 - 14:50 **PARAMITA BARUAH**, Vita-Salute S.Raffaele University
"Innate opsonins: modulating perception of cell death and inflammation"
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- 14:50 - 15:10 **VERONICA HUBER**, Istituto Nazionale Tumori
"Human CRC cells induce T-cell death through release of pro-apoptotic microvesicles: role in immune escape"
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- 15:10 - 15:30 **BARBARA CASSANI**, Vita-Salute S.Raffaele University
"Investigating the molecular mechanisms of immune deficiency in ADA-SCID: implications for gene therapy approach"
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- 15:30 - 15:50 **ERICA BUTTI**, Vita-Salute S.Raffaele University
"IL-4 gene delivery induces clinical and functional recovery from experimental autoimmune encephalomyelitis, an animal model of multiple sclerosis"
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- 15:50 - 16:10 **CHIARA MARTINOLI**, IFOM-IEO Campus
"Development and function of mucosal IgAs induced following oral infection with Salmonella Typhimurium"
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- 16:10 - 16:30 **PAOLA PITTONI**, Vita-Salute S.Raffaele University
"Thymic selection of NKTi cells"
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- 16:30 - 17:00 Coffee break
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Session C: CANCER BIOLOGY PART I

Afternoon session: h. 17.00/18.20

17:00 - 17:20 **RAFFAELLA DI MICCO**, IFOM-IEO Campus
"Ras-induced senescence occurs via a DNA-damage response that is dependent on reactive oxygen species-mediated hyperproliferation and on DNA replication"

17:20 - 17:40 **PAOLA BONETTI**, IFOM-IEO Campus
"Nucleophosmin is required for DNA integrity and p19ARF protein stability"

17:40 - 18:00 **FEDERICA POLATO**, IRFMN
"Characterization of a gene important for p53-dependent, stress-induced apoptosis"

18:00 - 18:20 **CINZIA BRAMBILLA**, Istituto Nazionale Tumori
"Interference with mechanisms of telomere maintenance by targeting hPOT1 in human cancer cells"

20:00 Social Dinner

Session C: CANCER BIOLOGY PART II

Whole day: h. 9.00/16.00

09:00 - 09:40 **ANTON BERNS**, Amsterdam, The Netherlands
"Mouse Models for Cancer"

09:40 - 10:30 **Round Table**

10:30 - 10:50 **ANGELO CICALESSE**, IFOM-IEO Campus
"Biological characterization of mouse breast stem cells from normal and neoplastic tissues"

10:50 - 11:10 **VALERIA CAMBIAGHI**, IFOM-IEO Campus
"Preleukemic phase analysis to understand the biological contribution of PML-RAR_a to the leukemogenic process"

11:10 - 11:30 **FRANCESCA DE FRANCO**, IFOM-IEO Campus
"Role of quiescent stem cells in the maintenance of leukaemia cell populations"

11:30 - 11:50 **BARBARA ORTENSÌ**, IFOM-IEO Campus
"RAI (SHC-C) regulates neuronal stem cell function"

11:50 - 12:20 Coffee break

12:20 - 12:40 **SABINA SANGALETTI**, Istituto Nazionale Tumori
"Stromal-derived SPARC regulates stroma cells-tumor cells interaction toward metastasis"

12:40 - 13:00 **LUIGI MADDALUNO**, IFOM-IEO Campus
"L1CAM: a new regulator of dendritic cell trafficking"

13:00 - 14:30 Lunch

14.30 - 16.00 **Poster session III**

Session D: SCIENCE & SOCIETY

Afternoon session: h. 16.00/17.30

16:00 - 16:40 **LORENZO TOMATIS**

16:40 - 17:30 **Round Table**

17:30 - 17:40 **Closing Remarks**
Domenico Delia, Istituto Nazionale Tumori

17:40 End of the workshop
