

An initiative promoted by the [European School of Molecular Medicine](#) and the [University of Milan](#)



Preliminary Program

May 19, 2010

h. 12.00/14.00 - Registration, poster set up, sandwiches and apartment hotel check-in

h. 14.00/14.15 - **Opening remarks**

Prof. Pier Giuseppe Pelicci, IEO, Milan

h. 14.15/14.45 - **Special session I**

Dr. Giuseppe Testa (IEO, Milan)

Priming the epigenome in differentiation and cancer

SESSION I: Cellular Differentiation and development

Chairperson: **Guillermo Menendez** (LRI, London)

h. 14.45/15.05

Matteo Marzi (IFOM, Milan)

E1A regulated micrnas couple differentiation and cell cycle exit

h. 15.05/15.25

Joerg Hoeck (LRI, London)

Fbw7 controls neural stem cell differentiation and progenitor apoptosis by antagonising Notch and JNK/c-Jun signalling

h. 15.25/15.45

Shefali Talwar (NCBS, Bangalore)

Spatiotemporal analysis of higher order chromatin assembly during cellular differentiation

h. 15.45/16.05

Feng Wang (CRI, Cambridge)

The Xenopus orthologue of TGFBI is required for early embryogenesis through regulation of canonical Wnt signalling

h. 16.05/16.35 - *Coffee break*

h. 16.35/17.45 - **Poster session I**

h. 17.45/18.30 - **Keynote lecture I:**

Dr. Peter Friedl (Nijmegen Centre for Molecular Life Sciences, Radboud University, Nijmegen; The Netherlands)

Plasticity of cancer invasion and implications for therapy

h. 18.30/18.45 - Set up poster session II (removal posters session I)

h. 19.00/21.00 - "Pizza party" at the IFOM-IEO Campus bar

h. 21.00 - Transfer by private bus from IFOM-IEO Campus to Ripamonti apartment hotel

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h. 8.30 - transfer by private bus from Ripamonti apartment hotel to IFOM-IEO Campus

SESSION II: Cell migration & Immunology

Chairperson: Meiling Gao (BICR, Glasgow)

SESSION IIa: Cell migration

h. 9.30-9.50

Anne Lempens (BICR, Glasgow)

ERK2 but not ERK1 contributes to invasive migration of tumour cells

h. 9.50-10.10

Roheet Bantval Rao (CRI, Cambridge)

Huntingtin interacting protein 1 (HIP1) induces Epithelial-to-Mesenchymal Transition (EMT) in prostate cancer cells

h. 10.10-10.30

Melda Tozluoglu (LRI, London)

Multiscale Modelling of Cancer Cell Motility

SESSION IIb: Immunology

h. 10.30-10.50

Tim Schnyder (LRI, London)

Spatially resolved negative regulation of B cell receptor signalling

h. 10.50-11.10

Eva Schlecker (DKFZ, Heidelberg)

Control of anti-tumor immune responses by myeloid-derived suppressor cells

h. 11.10-11.30 - *Coffee break*

h. 11.30-12.00 - **Special session II**

Pier Paolo Di Fiore, *"The endocytic matrix: a hidden system of integration within the cellular blueprint"*

h. 12.00-12.30 - Participating Institutes presentation

h. 12.30-13.30 - *Lunch at the IFOM-IEO Campus bar*

SESSION III: Modeling and large scale analysis in cancer research

Chairperson: Willem-Jan Keune (PICR, Manchester)

h. 13.30-13.50

Christiaan Klijn (NKI, Amsterdam)

Finding co-occurrence and mutual exclusiveness of DNA copy number changes.

h. 13.50-14.10

Xiaofan Li (LRI, London)

How does a protein find its mates in a crowded cell?

h. 14.10-14.30

Gilda Nappo (IFOM, Milan)

A SILAC Proteomic Approach Identified Novel Candidate Players in the Non-Clathrin Endocytic Pathway of the EGFR

h. 14.30-14.50

Rebecca Burrell (LRI, London)

Using Integrative Genomics To Investigate Mechanisms of Chromosomal Instability

h. 14.50-16.00 - **Poster session II** and soft drinks

SESSION IV: Genome instability and cancer

Chairperson: Magdalena Zajac (CNIO, Madrid)

h. 16.00-16.20

Marieke Peuscher (NKI, Amsterdam)

An shRNA screen to identify novel factors involved in telomere damage induced genome instability

h. 16.20-16.40

Tanja van Harn (NKI, Amsterdam)

Loss of RB proteins causes genomic instability in the absence of mitogenic signaling

h. 16.40-17.00

Dhaval Varshney (BICR, Glasgow)

Silent assassins: DNA methylation does not inhibit SINE transcription, but suppressed their recombination

h. 17.00-17.20

Sietske Bakker (NKI, Amsterdam)

Fancm-deficient mice reveal unique features of Fanconi anemia complementation group M

h. 17.20-18.05 - **Special Session III - Bioethics round table**

Silvia Camporesi and Alessandro Blasimme (IFOM-IEO, Milan)

World-wide human embryonic stem cell policies: who decides and on what grounds?

h. 18.10 - Transfer to Ripamonti apartment hotel by private bus

h. 20.00 - Transfer from Ripamonti apartment hotel to the Skyline Restaurant by private bus

h. 20.30 - Social Dinner at Skyline restaurant

h. 24.00 - Transfer by private bus from the Skyline restaurant to Ripamonti apartment hotel

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h. 9.30 - Transfer by private bus from Ripamonti apartment hotel to IFOM-IEO Campus

SESSION V: Signal transduction & Cancer genetics and drug resistance

Chairperson: **Gordana Halec** (DKFZ, Heidelberg)

SESSION Va: Signal transduction

h. 10.00-10.20

Andrea Longatti (LRI, London)

Rab-GTPases and Rab-GAPs Involved in Autophagy

h. 10.20-10.40

Francesca Montani (IEO, Milan)

The mitotic exit oscillator at work

h. 10.40-11.00

Lakshmi Revathi Perumalsamy (NCBS, Bangalore)

A non-canonical Notch cascade converges on mitochondria for the regulation of cell survival

SESSION Vb: Cancer genetics and drug resistance

h. 11.00-11.20

Rinske Drost (NKI, Amsterdam)

The impact of defined Brca1 mutations on tumor development, drug response and acquired resistance

h. 11.20-11.40

Charlotte Ng (CRI, Cambridge)

Genomic analysis of genetic heterogeneity and evolution in high-grade serous ovarian carcinoma.

h. 11.40-12.00 - Conference photo

h. 12.00-12.45 - Tour of the IFOM-IEO-CAMPUS

h. 12.45-13.45 - *Lunch at the IFOM-IEO Campus bar*

h. 13.45-14.30 - **Keynote lecture II:**

Prof. Andreas Trumpp (Division of Stem Cells and Cancer, Deutsches Krebsforschungszentrum (DKFZ) and Heidelberg Institute for Stem Cell Technology and Experimental Medicine (HI-STEM), Heidelberg, Germany)

Dormancy in normal and malignant stem cells

h. 14.30-14.45 - *break with soft drinks*

SESSION VI: Biology of stem cells in development and cancer

Chairperson: **Paola Brescia** (IEO, Milan)

h. 14.45-15.05

Margherita Yayoi Turco (IEO, Milan)

The RALP adaptor protein modulates mouse embryonic stem cell differentiation

h. 15.05-15.25

Fernando Flores-Guzman (DKFZ, Heidelberg)

Potential cancer stem cells in ret transgenic mouse model of spontaneous melanoma

h. 15.25-15.45

Stephen Goldie (CRI, Cambridge)

FRMD4A is a potential marker of cancer stem cells in human head and neck squamous cell carcinoma (HNSCC)

h. 15.45-16.05

Cristina Elisabetta Pasi (IEO, Milan)

Regulation of self-renewal in mammary stem cells

h. 16.05-onward - **Closing remarks**

Francesco Blasi, IFOM, Milan