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# Reprogramming Cell Fate

## Basic Biology and Medical Perspectives

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

### Preliminary Program

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#### Friday, December 11, 2009

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h. 12.15/13.15 - REGISTRATION

h. 13.15/13.30 - Opening remarks  
Giuseppe Testa

h. 13.30/14.15 - Keynote Lecture  
Ronald McKay

Afternoon session:  
Programming and (re)programming adult lineages

h. 14.15/14.55 - Mark Krasnow

h. 14.55/15.10 - Michael H. Sieweke  
*Self renewal of functional differentiated cells*

h. 15.10/15.50 - Sebastian Jessberger  
*Directed differentiation of adult neural stem cells in vivo*

h. 15.50/16.05 - Lena Vockentanz  
*DNA methylation governs cell fate programs in hematopoietic and leukemia stem cells*

h. 16.05/16.20 - COFFEE BREAK

h. 16.20/17.00 - Thomas Graf  
*Direct reprogramming of hematopoietic lineages*

h. 17.00/17.40 - Lorenz Studer  
*Modeling Human Neural Development and Disease in Pluripotent Stem Cells*

## Saturday, December 12, 2009

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Morning session:

Capturing pluripotency

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h. 9.00/9.40 - Austin G. Smith

*Capturing Pluripotency*

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h. 9.40/9.55 - Harry Leitch

*The ground state of pluripotent EG cells*

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h. 09.55/10.35 - Hannah Landecker

*Forwards and Backwards: Cellular Plasticity in Historical and Cultural Perspective*

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h. 10.35/10.50 - COFFEE BREAK

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h. 10.50/11.30 - Sui Huang

*Multipotency and cell fate decisions: noise on the epigenetic landscape*

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h. 11.30/12.10 - Amanda Fisher

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h. 12.10/13.30 - LUNCH

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Afternoon session:

Inducing pluripotency – part I

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h. 13.30/14.10 - Konrad Hochedlinger

*Factors influencing nuclear reprogramming*

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h. 14.10/14.25 - Gustavo Mostoslavsky

*Excision of Reprogramming Transgenes Improves the Differentiation Potential of iPS Cells Generated with a Single Excisable Vector*

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h. 14.25/15.05 - Hans Schöler

*Induction of pluripotency in adult stem cells*

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h. 15.05/15.20 - Krishanu Saha

*Direct reprogramming is a stochastic process amenable to acceleration*

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h. 15.20/15.35 - COFFEE BREAK

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h. 15.35/17.00 - Poster Session

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h. 17.00/17.40 - Oliver Brustle

*Exploiting pluripotency for neural repair*

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h. 20.30 - SOCIAL EVENT

## Sunday, December 13, 2009

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Morning session:

Inducing pluripotency – part II

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h. 9.00/9.40 - Ihor Lemischka

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h. 9.40/10.20 - Kevin Eggan

*Identification and characterization of small reprogramming molecules*

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h. 10.20/11.00 - Patrick Taylor

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h. 11.00/11.15 - COFFEE BREAK

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Late morning session:

Coaxing stem cell differentiation for therapeutic use

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h. 11.15/11.30 - Vania Broccoli

*FGF-dependent murine iPS cells exhibit properties of the ES-like/ICM-pluripotent state*

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h. 11.30/11.45 - Maria Pia Cosma

*Wnt/beta-catenin signalling pathway controls reprogramming of hybrids formed after damage induction of spontaneous cell-cell fusion*

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h. 11.45/12.00 - Rebecca Favaro

*Sox2 is required to maintain neural stem cells via a non cell autonomous mechanism involving activation of cytokine-encoding genes*

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h. 12.00/12.40 - Stephen Minger

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h. 12.40/13.20 - Elena Cattaneo

*Sources and properties of the NS cells*

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h. 13.20/13.35 - Closing remarks

Stefano Casola

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h. 13.35 - END OF THE CONFERENCE AND LIGHT LUNCH

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last update: December 09, 2009 - webmaster@ifom-ieo-campus.it

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