

Cold Spring Harbor Laboratory  
Meetings & Courses Programs



## Stem Cell Engineering and Cell-Based Therapies

April 7 - 10, 2011

**ABSTRACT DEADLINE: January 21, 2011**

Organized by:

Michel Sadelain, *Memorial Sloan Kettering Cancer Center*  
Rudolf Jaenisch, *Whitehead Institute and MIT*  
Amy Wagers, *Harvard University*

You are cordially invited to participate in the first meeting on Cell Engineering and Cell-based Therapies to be held at Cold Spring Harbor Laboratory, Long Island, New York. The meeting will begin with dinner and the first session on the evening of Thursday, April 7th and will conclude after lunch on Sunday, April 10, 2011. The meeting will focus on emerging paradigms in cellular reprogramming, directed differentiation and therapeutic cell engineering. Its purpose is to foster scientific exchange and discussion of current challenges to the generation of progenitor and differentiated cell types that are safe and suitable for transplantation, as well as strategies to achieve high fidelity genetic engineering. The ultimate goal of these discussions is to identify and evaluate promising paths for clinical translation of emerging cell-based therapies.

The format of the meeting will include six oral sessions consisting of invited and short talks, chosen from the submitted abstracts, and one poster session. All speakers and chairs are strongly encouraged to stay for the entire meeting. The organizers will decide the suitability of each abstract for oral or poster presentation, but please specify if you prefer a poster.

Abstracts must be submitted by the abstract deadline

**Please note that we will only process registration and/or abstract submission upon payment of the required deposit.**

We encourage you to register and submit abstracts for the meeting electronically at our web site. Status of abstracts will be posted on our web site as soon as decisions have been made by the Organizers.

We hope to see you at Cold Spring Harbor in April.

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### Keynote Speaker

Irving Weissman,  
*Stanford University School of Medicine*

### Topics and Discussion Leaders

**Fundamental issues in iPS/ES cell  
differentiation**

Jacob Hanna, *MIT*  
Konrad Hochedlinger, *MGH*  
Gordon Keller,  
*McEwen Centre for Regenerative Medicine*

### **Hepatocytes and Beta Cells**

Markus Grompe,  
*Oregon Health Sciences University*  
Harry Heimberg, *University of Brussels*  
Inder Verma, *The Salk Institute*

### **Cell Engineering**

Carl June, *University of Pennsylvania*  
Eirini Papapetrou, *MSKCC*  
Matthew Porteus, *Stanford University*

### **Mesodermal Lineages**

Deepak Srivastava,  
*University of California, San Francisco*  
Kenneth Chien, *MGH*  
Juan Carlos Zuniga-Pflucker,  
*University of Toronto*

### **Neuroectodermal Lineages**

Patrick Aubourg, *INSERM*  
D. Balasubramanian, *L.V. Prasad Eye Institute*  
Fred (Rusty) Gage, *The Salk Institute*  
Lorenz Studer, *MSKCC*