

# THE NEW YORK STEM CELL FOUNDATION

*invites you to its*

## FIFTH ANNUAL TRANSLATIONAL STEM CELL RESEARCH CONFERENCE

**OCTOBER 12-13, 2010**

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*Tri-Institutional Stem Cell Initiative:*  
Memorial Sloan-Kettering Cancer Center, The Rockefeller  
University, Weill Cornell Medical College



### NYSCF Conference Overview

The NYSCF Conference is unique: it focuses on translational stem cell research, demonstrating the potential to advance cures for the major diseases of our time.

It is designed for all professionals with an interest in stem cell research, including physicians, researchers, clinical investigators, professors, government and health officials, postdoctoral fellows and graduate students. The panels on Tuesday are designed to reach a broader audience, including the lay public.

### Conference Location

The Rockefeller University, Caspary Auditorium  
1230 York Avenue, at 66th Street, New York, NY

### Registration Information: Full Conference

Early registration is recommended as space is limited. Full conference registration includes the Tuesday panels and the Wednesday conference sessions. Individuals wishing to attend only Tuesday's panels may register for those separately (see below).

To Register please visit [www.nyscf.org/conference](http://www.nyscf.org/conference)

### COMMERCIAL

Early registration: \$475, on and prior to September 12, 2010.  
Registration: \$635 as of September 13, 2010.

### NON-PROFIT/GOVERNMENT/ACADEMIC

Early registration: \$245, on and prior to September 12, 2010.  
Registration: \$325 as of September 13, 2010.

### RESIDENTS/FELLOWS/POSTDOCS

Fee: \$175, with no increase. Proof of identification is required.

### PHD AND MEDICAL STUDENTS

Fee: \$35, with no increase. Proof of identification is required

### Registration Information: Tuesday Panels Only

\$120 to attend both Tuesday panels  
(free with full conference registration)

Road to the Clinic – 1:15 pm

Regulatory Roadblocks – 4:00 pm

Early registration is recommended, as space is limited.

### Call For Abstracts

The NYSCF Conference poster session is open to all scientists working in stem cell and translational research fields. This is a great opportunity to showcase your research to an international audience of leading researchers and clinicians. Abstracts must be submitted electronically to [programs@nyscf.org](mailto:programs@nyscf.org) by 5:00 pm EST on August 13, 2010 to be considered for selection. Further information is available on our website at [www.nyscf.org/callforabstracts](http://www.nyscf.org/callforabstracts)

Further conference information, including hotel

pricing and cancellation policies, is also available online.

For any further questions, please contact [events@nyscf.org](mailto:events@nyscf.org)  
or 212.787.4111 x 103

## Panel Sessions

## ROAD TO THE CLINIC

1:15 - 3:15 pm

Welcome: **Susan L. Solomon**, Chief Executive Officer, NYSCF

Leaders from foundations, venture capital, pharmaceutical, biotechnology, and healthcare companies discuss what it will take to get stem cell research from lab bench to bedside.

**Chair and Moderator****Lee Rubin, PhD**

Harvard University

**Panelists****Robi Blumenstein**

President, CHDI Management/ CHDI Foundation

**Tony Evnin, PhD**

Partner, Venrock

**Ian Ratcliffe**

Chief Executive Officer, Stemgent

**Max Wallace**

Chief Executive Officer, Accelerate Brain Cancer Cure

3:15 - 4:00 pm Break &amp; Poster Session

## REGULATORY ROADBLOCKS

4:00 – 6:00 pm

Leading stem cell researchers and policy makers discuss the current regulatory challenges facing emerging regenerative medicine and stem cell treatments, and examine the changes in policy that will be necessary to accelerate their development, evaluation and approval.

**Chair****Susan L. Solomon**

Chief Executive Officer, The New York Stem Cell Foundation

**Moderator****Michael Werner, JD**

Executive Director, Alliance for Regenerative Medicine

**Panelists****Arlene Y. Chiu, PhD**

Director and Professor-in-Residence, Office of New Research Initiatives, Beckman Research Institute at City of Hope

**Kevin C. Eggan, PhD**Chief Scientific Officer, The New York Stem Cell Foundation  
Associate Professor of Stem Cell and Regenerative Medicine,  
Harvard Stem Cell Institute**Donald W. Fink, Jr., PhD (Invited)**Biologist/Regulatory Review Scientist in the Office of Cellular,  
Tissue and Gene Therapies, US Food and Drug Administration**Mahendra Rao, MBBS, PhD**Vice President of Research, Life Technologies  
Johns Hopkins University, Buck Institute on Aging

During breaks, participants are invited to view posters presented by NYSCF - Druckenmiller Fellows and other selected contributors

## Conference Sessions

8:15 – 8:45

Registration and Complimentary Breakfast

8:45 – 8:50

Introduction: **Susan L. Solomon**

Chief Executive Officer, NYSCF

8:50 – 8:55

Welcome: **Allen M. Spiegel, MD**

Dean, Albert Einstein College of Medicine

*There will be a 5-minute question and answer period following each presentation.*

## DIABETES

Chair: **Robin Goland, MD**

Naomi Berrie Diabetes Center

Columbia University Medical Center

9:00 – 9:20

**Douglas A. Melton, PhD,**

Harvard University

*Degeneration and Regeneration in Type 1 Diabetes*

9:25 – 9:45

**Camillo Ricordi, MD**

University of Miami; Diabetes Research Institute

*Cellular Therapies and Regenerative Medicine**Strategies for Diabetes*

9:50 – 10:10

**Matthias Hebrok, PhD**

University of California San Francisco

*Understanding Cellular Plasticity in the Pancreas*

10:15 – 10:45 Break &amp; Poster Session

## REPAIRING OUR HEART AND MUSCLES

Chair: **Gordana Vunjak-Novakovic, PhD**

Columbia University Medical Center

10:45 – 11:05

**Thomas A. Rando, MD, PhD**

Stanford University School of Medicine

*Regulation of Quiescence and Activation of Muscle**Stem Cells*

11:10 – 11:30

**Kenneth R. Chien, MD, PhD**

Harvard University

*Directed Differentiation and Reprogramming Towards a Ventricular Heart Muscle Fate in ES and Ventricular iPS (ViPS) Cell Lines*

11:35 – 11:55

**Christine Mummery, PhD**

Leiden University, The Netherlands

*Cardiovascular Derivatives of Human Pluripotent**Stem Cells in Disease and Drug Discovery*

12:00 – 1:00 Complimentary Lunch &amp; Poster Session

## CANCER AND BLOOD DISEASE

Chair: **Shahin Rafii, MD**  
Weill Cornell Medical College

1:10 – 1:30 **Paul S. Frenette, MD**  
Albert Einstein College of Medicine  
*New Insight in the HSC Niche*

## KEYNOTE ADDRESS 1

1:35 – 2:05 **John E. Dick, PhD**  
University of Toronto, Canada  
*The Role of Stem Cells in Cancer*

## NEURODEGENERATION AND SPINAL CORD INJURY

Chair: **Steven A. Goldman, MD, PhD**  
University of Rochester

2:10 – 2:30 **Thomas M. Jessell, PhD**  
Columbia University Medical Center  
*Motor Neuron Diversity and its Implications*

2:35 – 2:55 **Hongjun Song, PhD**  
Johns Hopkins University School of Medicine  
*Application of Neural Stem Cells for Study of  
Neurological Disorders*

3:00 – 3:30 **Break & Poster Session**

## PROGRAMMING AND REPROGRAMMING

Chair: **Ruth Lehmann, PhD**  
New York University School of Medicine

3:30 – 3:50 **Thomas Graf, PhD**  
Center for Genomic Regulation and ICREA, Spain  
*Immune Cell Reprogramming*

3:55 – 4:15 **Dieter Egli, PhD**  
The New York Stem Cell Foundation  
*Reprogramming After Nuclear Transfer*

4:20 – 4:40 **Marius Wernig, MD**  
Stanford University School of Medicine  
*Direct Conversion of Fibroblasts into Neurons*

## KEYNOTE ADDRESS 2

4:45 – 5:15 **Fiona Watt, DPhil**  
Cambridge Research Institute, UK  
*Stem Cell-Niche Interactions in  
Mammalian Epidermis*

## CLOSING RECEPTION

5:15 – 7:30 Posters presented by NYSCF - Druckenmiller  
Fellows and other selected contributors

## About The New York Stem Cell Foundation

The mission of The New York Stem Cell Foundation is to accelerate cures for the major diseases of our time through stem cell research. Our programs include: NYSCF Research Laboratory; Conferences and Symposia; The Fellowship Program; The NYSCF Innovator Awards Program for Early Career Investigators, and The NYSCF - Robertson Prize.

For more information about The New York Stem Cell Foundation and its programs, please visit [www.nyscf.org](http://www.nyscf.org)

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1. NYSCF 2009 Stem Cell Policy Forum: Shifting Ground: (left to right) Celia Witten, MD, PhD; Kevin Eggan, PhD; Susan L. Solomon, JD; Story C. Landis, PhD; Insoo Hyun, PhD; Alice Park  
2. Linheng Li, PhD 3. Irving Weissman, MD 4. Justin Ichida, PhD 5. Arturo Alvarez-Buylla, PhD  
6. Janet Rossant, PhD, FRS, FRSC (Keynote Speaker) 7. Steven Goldman MD, PhD