



CEDARS-SINAI
DEPARTMENT OF NEUROSURGERY

1ST ANNUAL STEM CELL THERAPIES FOR NEUROLOGICAL DISORDERS:

Overcoming the Current Barriers to Clinical Translation
in collaboration with the Genetics Policy Institute

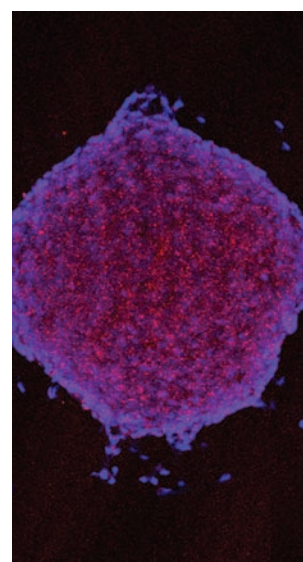
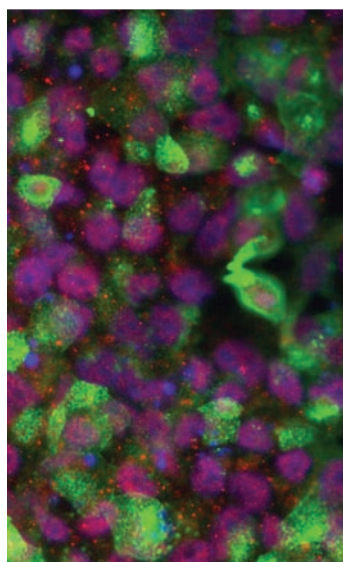
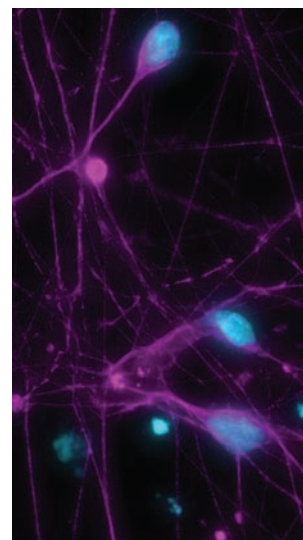
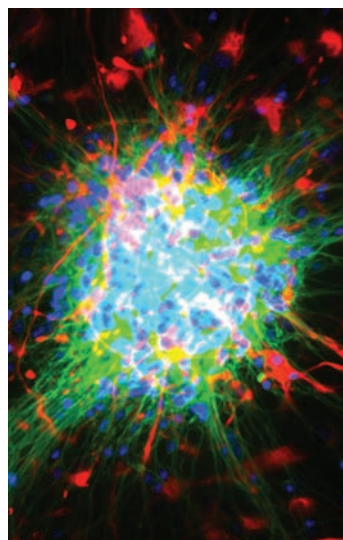
**A RESEARCH
CONFERENCE FOR
SCIENTIFIC AND
HEALTHCARE
PROFESSIONALS**

CALL FOR ABSTRACTS

Last day for abstract
submissions is April 10

APRIL 30, 2011

Cedars-Sinai Medical Center
Harvey Morse Auditorium
Plaza Level, South Tower
8700 Beverly Boulevard
Los Angeles, CA 90048



For further information,
please call the
Department of Neurosurgery at
310.423.9522

Course Description

This one day scientific conference will address and focus on the utilization of stem cell research and applications for neurological disorders. It will acknowledge the successful breakthroughs along with the latest advances, as well as offer active discussions regarding the existing barriers that have limited further advances of stem cell therapies that potentially could lead to new concepts and innovations for treatment.

Acknowledgement of Commercial Support
Commercial support for this educational activity is pending and will be acknowledged at the conference.

Call for Abstracts

Last day for abstract submissions is April 10.
For submission information, please email Marko Mijat, MHA at mijat@cshs.org



Faculty

Cedars-Sinai Faculty

John S. Yu, MD

Course Director
Professor and Vice-Chairman
Neurosurgery
Director, Brain Tumor Center
Director, Surgical Neuro-Oncology
Director, Gamma Knife Center
Department of Neurosurgery

Keith L. Black, MD

Course Director
Professor and Chairman, Neurosurgery
Director, Maxine Dunitz
Neurosurgical Institute
Director, Johnnie L. Cochran
Comprehensive Cancer Center
Ruth and Lawrence Harvey
Chair in Neuroscience
Department of Neurosurgery

J. Patrick Johnson, MD

Course Co-Director
Co-Director, Spine Stem Cell
Research Program
Cedars-Sinai Spine Center

Patrick Lyden, MD

Course Co-Director
Carmen and Louis Warschaw
Chair in Neurology
Chairman, Neurology
Department of Neurology

Clive Svendsen, PhD

Course Co-Director
Director, Regenerative Medicine Institute
Department of Biomedical Sciences

Guest Faculty

Karen S. Abody, MD

Associate Professor
Department of Neurosciences
and Division of Neurosurgery
City of Hope National Medical Center
and Beckman Research Institute
Duarte, CA

Nicholas Boulis, MD

Associate Professor
Department of Neurosurgery
Emory University
Atlanta, GA

Michael Chopp, MD

Scientific Director, Neuroscience Institute
Vice Chairman, Department of Neurology
Zoltan J. Kovacs Chair
in Neuroscience Research
Henry Ford Hospital
Distinguished Professor of Physics
Oakland University
Detroit, MI

Hans Keirstead, PhD

Associate Professor of
Anatomy and Neurobiology
Associate Professor of
Neurological Surgery
University of California,
Irvine School of Medicine
Irvine, CA

Robert Klein, JD

Chairman
California Institute for Regenerative
Medicine Governing Board
San Francisco, CA

Jeremy N. Rich, MD

Chairman, Department of Stem Cell
Biology and Regenerative Medicine
Lerner Research Institute
Cleveland Clinic
Cleveland, OH

Bernard Siegel, JD

Executive Director
Genetics Policy Institute
Wellington, FL

Evan Y. Snyder, MD, PhD, FAAP

Professor, Sanford-Burnham
Medical Research Institute
Director, Program in Stem Cell
and Regenerative Biology
Director, Stem Cell Research Center
San Diego, CA

Gary K. Steinberg, MD, PhD

Bernard and Ronni Lacroute-William
Randolph Hearst Professor of
Neurosurgery and the Neurosciences
Chairman, Department of Neurosurgery
Director, Stanford Institute for
Neuro-Innovation and Translational
Neurosciences
Stanford University School of Medicine
Stanford, CA

Edward Wirth III, MD, PhD

Medical Director, Regenerative Medicine
Geron Corporation
Menlo Park, CA

Scientific Agenda

Stem Cell Therapies for Neurological Disorders: Current Challenges to Clinical Translation

Saturday, April 30, 2011

7:30 to 8:00 Registration and Continental Breakfast
8:00 to 8:05 Welcome

John S. Yu, MD

SESSION I: STEM CELL THERAPIES FOR BRAIN TUMORS

Moderator: John S. Yu, MD

8:05 to 8:30 Modeling and Targeting Brain Tumor Stem Cells
8:30 to 8:55 Neural Stem Cell-Mediated Brain Tumor Therapy: From Bench to Bedside
8:55 to 9:20 Immunologic Targeting of Cancer Stem Cells
9:20 to 9:30 Question and Answer
9:30 to 9:40 BREAK

Jeremy N. Rich, MD
Karen S. Aboody, MD
John S. Yu, MD

SESSION II: STEM CELL THERAPIES FOR STROKE

Moderator: Patrick Lyden, MD

9:40 to 10:05 The Astrocyte as a Mediator of Cell-Based Restorative Therapy for Stroke
10:05 to 10:30 Neural Stem Cell Therapy for Stroke
10:30 to 10:40 Question and Answer

Michael Chopp, MD
Gary K. Steinberg, MD, PhD

SESSION III: STEM CELL THERAPIES FOR NEURODEGENERATIVE DISORDERS

Moderator: Clive Svendsen, PhD

10:40 to 11:05 Pre-clinical Studies Using Stem Cells for ALS
11:05 to 11:30 Development of Rational Strategies for Spinal Cord Stem Cell Transplantation
11:30 to 11:45 Question and Answer
11:45 to 12:45 LUNCH

Clive Svendsen, PhD
Nicholas Boulis, MD

SESSION IV: STEM CELL THERAPIES FOR SPINAL CORD INJURY AND SPINAL DISORDERS

Moderator: J. Patrick Johnson, MD

12:45 to 1:10 Pre-clinical and Phase 1 Development of Oligodendrocyte Progenitor Cells Derived From Human Embryonic Stem Cells for the Treatment of Spinal Cord Injury
1:10 to 1:35 Stem Cell-Based Treatments for Spinal Cord Injury and Disease
1:35 to 2:00 The Multiple Actions of Stem Cells in Spinal Cord Dysfunction
2:00 to 2:10 Question and Answer
2:10 to 2:20 BREAK

Edward Wirth III, MD, PhD
Hans Keirstead, PhD
Evan Y. Snyder, MD, PhD, FAAP

SESSION V: THE FUTURE OF STEM CELL THERAPIES

Moderator: Keith Black, MD

2:20 to 2:45 Stem Cell Advocacy
2:45 to 3:10 Requirements for a Scientific Renaissance, California: Stem Cell Research Innovations
3:10 to 3:20 Question and Answer
3:20 to 3:30 CLOSING

Bernard Siegel, JD
Robert Klein, JD
John S. Yu, MD

Registration Information

Pre-registration for the conference is required. This conference is free of charge and includes lunch and parking. Due to limited seating, early registration is encouraged.

To register:

via telephone, please call: **1-800-CEDARS-1 (1.800.232.2771)**

via online, please go to:
www.cedars-sinai.edu/neuroconferences

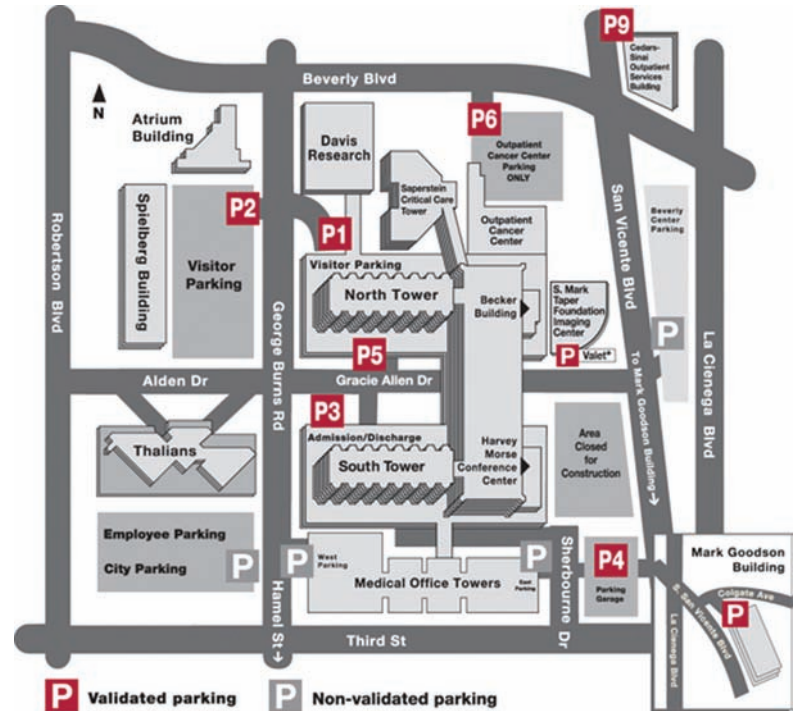
We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

Accommodations

A limited number of rooms have been reserved for our meeting attendees at a special group rate of \$219.



For reservations, please call the SLS Hotel at 310.247.0400 and inform them that you are attending the Cedars-Sinai Stem Cells Symposium.



*Imaging Center parking only

