



Sally Temple, Ph.D. is the co-founder and scientific director of the Neural Stem Cell Institute (NSCI) located in Rensselaer NY, USA. The mission of NSCI is to use stem cell research to create therapies for currently incurable disorders of the central nervous system – the brain, retina and spinal cord. Using patient-derived induced pluripotent stem cells (iPSCs), Sally's research group is building models to study neurodegenerative diseases, with the goal of identifying therapies.

Sally is past president of the International Society for Stem Cell Research (ISSCR), the largest global organization for scientists working in the stem cell field. Her work has been recognized with several awards, including the Jacob Javits and R35 awards from the National Institutes of Health, the MacArthur Fellowship, and the Ellison investigator award. Sally is the scientific cofounder of two biotech companies, StemCultures, which makes bioengineered growth factors for cell manufacture and Luxa Biotech, which is advancing the clinical trial for stem cell therapy patients with age-related macular degeneration

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UCI Sue & Bill Gross
Stem Cell Research Center

the Annual **Stem Cell** Science Symposium

Thursday, Jan. 30, 2020

8:30 AM – 4:30 PM

Stem Cell Research Center
Sue & Bill Gross Hall: A CIRM Institute
845 Health Sciences Road, Room 4000
University of California, Irvine

Visit us at www.stemcell.uci.edu

Schedule of Events

- 8:30 AM** **Opening Remarks – Aileen Anderson, PhD**
- 8:45 AM** **Sally Temple, PhD**
Neural Stem Cell Institute
“Stem cell-based Approaches to Age-related Neurodegenerative Diseases”
- 9:25 AM** **Break**
- 9:35 AM** **Leslie Thompson, PhD**
University of California, Irvine
“Stem cells and Huntington’s disease – insights into disease mechanisms and therapeutics”
- 10:00 AM** **Lisa Flanagan, PhD**
University of California, Irvine
“Neural stem cell glycosylation impacts fate”
- 10:25 AM** **Robert Hunt, PhD**
University of California, Irvine
“Interneuron transplantation & TBI therapy”
- 10:50 AM** **Break**
- 11:00 AM** **Mehrdad Abedi, MD**
University of California, Davis
- 11:40 AM** **Angela Fleischman, MD, PhD**
University of California, Irvine
“Impact of Inflammation on Normal and Malignant Hematopoietic Stem Cells”
- 12:05 PM** **Lunch**

- 1:00 PM** **Camilla Forsberg, PhD**
University of California, Santa Cruz
“Chasing Mavericks: Developmental Waves of Hematopoiesis”
- 1:40 PM** **Richard Van Etten, PhD**
University of California, Irvine
“Targeting Chronic Myeloid Leukemia Stem Cells: A Systems Biology Approach
- 2:05 PM** **Break**
- 2:15 PM** **Christine Mummery, PhD**
Leiden University Medical Center
“Multicellular systems from human pluripotent stem cells to study cardiovascular disease”
- 2:55 PM** **Anna Grosberg, PhD**
University of California, Irvine
“Exploring the Heart: from Genetic Mutations to Tissue Function”
- 3:20 PM** **Christopher Hughes, PhD**
University of California, Irvine
“Personalized Medicine: The Promise of Stem Cell-Derived Tissues”
- 3:45 PM** **Leon Schurgers, PhD**
Cardiovascular Research Institute Maastricht
“Role of vascular smooth muscle cells in vascular calcification”
- 4:10-4:30 PM** **Meeting Concludes**