

Stem Cell Science Symposium
Stem Cells and the Brain
Research Progress, Clinical Opportunities, and Policy Challenges
Monday, December 11, 2017
Gross Hall, Thorp Conference Center 4000

Morning Session

8:30 am **Continental Breakfast**

8:50 am **Introduction & Welcome by Aileen Anderson, PhD**

9:00 am **Elena Cattaneo, OMRI, PhD, University of Milan**

Neurons from stem cells for Huntington's Disease research: combining genetics with cell biology and evolution

9:45 am **Coffee Break**

10:15 am **Steve Finkbeiner, MD, PhD, University of California, San Francisco**

Deep phenotyping iPSC models and a physical exam of the cell

11:00 am **Brian Cummings, PhD, University of California, Irvine**

Human neural stem cells to treat traumatic brain injury - how much preclinical data do we need?

11:30 am **Kim Green, PhD, University of California, Irvine**

Harnessing the regenerative power of microglia in the diseased and aged brain

12:00 pm **Lunch**

Afternoon Session

1:00 pm **Fred H. Gage, PhD, Salk Institute**

Insights into neuropsychiatric disease using reprogrammed patient derived somatic cells

1:45 pm **Aileen Anderson, PhD, University of California, Irvine**

Self-renewal in neural and glioblastoma stem cells: New mechanisms and clinical targets

2:15 pm **Daniela Bota, MD, PhD, University of California, Irvine**

The next steps. Taking the war against glioblastoma stem cells to the clinic

2:45 pm **Coffee Break**

3:15 pm **Leigh Turner, PhD, University of Minnesota**

The U.S. direct-to-consumer marketplace for "stem cell" interventions: ethical, legal, and social concerns

4:30 pm **Symposium Concludes**