



Transforming Medicine: Innovation and Discovery at The Broad Stem Cell Research Centers

UCLA

Owen Witte, MD
Amander Clark, PhD
Donald Kohn, MD

UCSF

Arnold Kriegstein, MD, PhD
Saul Villeda, PhD
Holger Willenbring, MD, PhD

USC

Andrew P. McMahon, PhD, FRS
Neil Segil, PhD
Min Yu, MD, PhD



UCLA

Eli And Edythe Broad Center Of
Regenerative Medicine And Stem Cell Research

13TH Annual Stem Cell Symposium

FRIDAY FEBRUARY 3, 2017

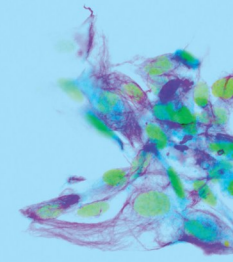
DeNeve Auditorium and Plaza, UCLA Campus

8:15 AM to 4:35 PM

JOIN THE CONVERSATION

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The conference is supported by a generous endowment
from the Bloomfield Family Foundation.



13th Annual Stem Cell Symposium

Transforming Medicine: Innovation and Discovery at The Broad Stem Cell Research Centers

The UCLA, UCSF, and USC Broad Stem Cell Research Centers celebrate the transformative philanthropy of The Broad Foundation. The conference features scientists and clinicians from the California Broad Stem Cell Research Centers presenting their innovative research and the potential pathways to harnessing the advances in stem cell biology to revolutionize the practice of medicine.

Program

7:45-8:15am	Check in/Registration
8:15-8:30	Welcome: Owen Witte, MD, Director, Eli and Edythe Broad Center of Regenerative Medicine and Stem Cell Research at UCLA
8:30-9:05	Session 1 Moderator: Owen Witte, MD (UCLA) Genomic Insights into the Role of Neural Stem Cells in Human Cortical Development, Lissencephaly, and Zika Microcephaly Arnold Kriegstein, MD, PhD (UCSF)
9:05-9:40	Epigenetic Studies in Development, Transdifferentiation, and Regenerative Failure of the Mammalian Inner Ear Neil Segil, PhD (USC)
9:40-10:00	Coffee Break – DeNeve Plaza Room
10:00-10:35	Session 2 Moderator: Andrew McMahon, PhD (USC) Understanding Mechanisms of Cancer Metastasis Using Circulating Tumor Cells Min Yu, MD (USC)
10:35-11:10	Hematopoietic Stem Cell Gene Therapy: Progress and Challenges Donald Kohn, MD (UCLA)
11:10-11:40	Celebration and Presentation for Eli and Edythe Broad
11:40-1:25pm	Lunch and Poster Session – DeNeve Plaza Room and Auditorium
1:25-2:00	Session 3 Moderator: Gay Crooks, MBBS (UCLA) Generating and Regenerating the Human Germline Amander Clark, PhD (UCLA)
2:00-2:35	Mechanisms of Brain Aging and Rejuvenation Saul Villeda, PhD (UCSF)
2:35-3:10	Development and Repair Of The Mammalian Kidney Andrew McMahon, PhD (USC)
3:10-3:25	Coffee Break – DeNeve Plaza Room
3:25-4:00	Session 4 Moderator: Arnold Kriegstein, MD, PhD (UCSF) Induced and Spontaneous Transdifferentiation in the Liver Holger Willenbring, MD, PhD (UCSF)
4:00-4:35	Convergent Evolution Towards Stem Cell Like Neuroendocrine Phenotype in Epithelial Cancers Owen Witte, MD (UCLA)
4:35	Reception