



# ANNUAL STEM CELL SCIENCE SYMPOSIUM

## Stem Cells in Health and Disease

### FEATURED SPEAKERS



**Irving Weissman, MD**  
Stanford University  
*Keynote Speaker*



**Alex Boiko, PhD**  
University of California,  
Irvine



**Amander Clark, PhD**  
University of California,  
Los Angeles



**Michael Clarke, MD**  
Stanford University



**Gay Crooks, MBBS**  
University of California,  
Los Angeles



**Peter Donovan, PhD**  
University of California,  
Irvine



**Dan Kaufman, MD, PhD**  
University of California,  
San Diego



**Judith Anne Shizuru, MD, PhD**  
Stanford University

**November 14, 2018**  
8:00 a.m. - 4:30 p.m.

Sue & Bill Gross Stem Cell Research Center  
Thorp Conference Center, 4000  
845 Health Sciences Road  
Irvine, CA 92697

Wednesday, November 14, 2018

8:00 am	<b>Breakfast</b>
8:15 am	Welcome & Introduction by Aileen Anderson, PhD
8:30 - 9:15 am	<b>Irving Weissman, MD:</b> Normal and neoplastic stem cells
9:15 am	<b>Coffee Break</b>
9:30 - 10:15 am	<b>Alex Boiko, PhD:</b> Identification of melanoma vulnerability: lessons from normal stem cell development
10:20 - 11:05 am	<b>Michael Clarke, MD:</b> Molecular regulation of stem cell self-renewal in health and disease
11:10 -12:00 pm	<b>Dan Kaufman, MD, PhD:</b> Human pluripotent stem cell-derived blood cells for therapies
12:00 pm	<b>Lunch</b>
1:00 - 1:45 pm	<b>Peter Donovan, PhD:</b> Stem cells and development: Why we all need to get a LEF
1:50 - 2:35 pm	<b>Amander Clark, PhD:</b> Germline cell regeneration from pluripotent stem cells
2:35 pm	<b>Coffee Break</b>
2:50 - 3:35 pm	<b>Gay Crooks, MBBS:</b> Bridging the gap between stem cells and T cells
3:40 - 4:25 pm	<b>Judith Anne Shizuru, MD, PhD:</b> Clearing the blood stem cell niche with antibodies

[NOTES:](#)

