

UC San Diego

STEM CELL PROGRAM

Presents

Chad A. Cowan, Ph.D.

Harvard University



Monday, May 19, 2014

4 pm – 5:30 pm

Sanford Consortium for Regenerative
Medicine Auditorium

Genome editing in human pluripotent stem cells to generate metabolic disease models

Chad Cowan received his Ph.D. from the University of Texas Southwestern and subsequently completed a Damon Runyon postdoctoral fellowship with Douglas Melton at Harvard University. He was named a Stowers Medical Investigator in 2006 and in 2008 and became an Assistant Professor at Harvard University. He is currently an Associate Professor at Harvard University in the Department of Stem Cell and Regenerative Biology and Massachusetts General Hospital, with appointments in the Center for Regenerative Medicine, Cardiovascular Research Center and Center for Human Genetics Research. He is an Associate Member of the Broad Institute and a Principal Faculty member of the Harvard Stem Cell Institute where he directs the Diabetes Disease Program and the iPS Cell Core Facility. Professor Cowan has led several large efforts to utilize stem cells to better understand disease, including the NHLBI's Next Gen iPS Cell Project and the Progenitor Cell Biology Consortium. In 2013, he received a Transformative Research Award from the NIH to create isogenic human pluripotent stem cell-based models of human disease mutations. More recently, he has focused on using genome editing tools as therapeutics and as a co-founder of CRISPR Therapeutics.

Hosted By:

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