MARCH 17, 2016 | 7:30 AM - 6:30 PM

SYMPHONY PROGRAM

SESSION 1: REGENERATION

08:20AM Introduction
Caterina Jamieson, MD, PhD
Chief, Division of Regenerative Medicine, UC Dan Diego,
Program Director, UC San Diego CIRM Alpha Stem Cell Clinic

08:25AM A New Perspective on Stem Cells in the Liver
Roel Nusse, PhD
Professor, Department of Developmental Biology, Virginia and
Daniel K. Ludwig Professor of Cancer Research, Stanford University School of Medicine,
Howard Hughes Medical Institute Investigator

08:55AM Hapatic Regeneration
David Brenner, MD
Vice Chancellor, UC San Diego Health Sciences
Dean, UC San Diego School of Medicine

09:40AM Circituzumab: A First in Class Anti Cancer Stem Cell Therapy
Thomas Kipps, MD, PhD
Evelyn and Edwin Tasch Chair in Cancer Research, Deputy Director
Research Operations, Distinguished Professor of Medicine, Moores UC San Diego Cancer Center

10:15AM The Real Heroes: Clinical Trial Participants
Caterina Jamieson, MD, PhD presents current research
volunteers from Alpha Stem Cell Clinic trials

10:45AM Break

SESSION 2: STEM CELL REPAIR
THROUGH GENE EDITING

10:55AM Introduction
John A. Zia, MD
Professor, Departments of Pediatrics & Hematology
Director, Center for Gene Therapy
Director, City of Hope CIRM Alpha Stem Cell Clinic
Beckman Research Institute of City of Hope

11:00AM Therapeutic Genome Editing of Hematopoietic Stem and
Progenitor Cells
Matthew Porteus, MD, PhD
Associate Professor, Department of Pediatrics
Stanford Medical School

11:40AM First in Man Gene Editing using Zinc Finger Nucleases to
Modify CCR5 in HIV subject T Cells
Dale Ando, MD
Vice President, Therapeutic Development and CMO, Sangamo Biosciences Inc

12:15PM Nursing Competency Identification and Development for Novel
Therapies
Shirley Johnson, RN, MS, MBA
Senior Vice President, Chief Nursing and Patient Services Officer,
City of Hope

12:50PM Lunch

SESSION 3: STEM CELL REPLACEMENT
AND REPROGRAMMING

01:20PM Introduction
John S. Adams, MD
Professor, Orthopaedic Surgery, Medicine and Molecular, Cell &
Development Biology Vice Chair, Research
Department of Orthopaedic Surgery Director, Orthopaedic Hospital
Research Center
Director, UCLA/UCI CIRM Alpha Stem Cell Clinic
David Geffen School of Medicine at UCLA

01:25PM Retinal Progenitor Cells for Treatment of Retinitis Pigmentosa
Henry Klassen, MD, PhD
Associate Professor, Ophthalmology
Director, Stem Cell & Retinal Regeneration Program UC Irvine
School of Medicine

02:05PM Imaging Probe Development for Non-Invasive Monitoring of Transplanted
Stem Cells
Eric Ahrens, PhD
Professor of Radiology, UC San Diego School of Medicine

02:40PM Clinical Aspects of Translating Stem Cell Research
Steven C. Cramer, MD
Professor, Dept. Neurology, Anatomy & Neurobiology and Physical
Medicine & Rehabilitation, Clinical Director, Sue and Bill Gross
Stem Cell Research Center; Associate Director, Institute for Clinical
& Translational Science, UC Irvine

03:15PM Hematopoietic Stem Cell Gene Therapy
Donald Kohn, MD
Professor, Pediatrics and Microbiology, Immunology & Molecular
Genetics; Director of the Human Gene and Cell Therapy Program,
David Geffen School of Medicine at UCLA

03:50PM Patient Advocate and Scientist Partnerships
Adrienna Bell-Cors
Patient Advocate, Founder, Axis Advocacy

04:20PM Break

04:30PM PANEL DISCUSSION.
Chair, Joseph Alvarnas, MD — City of Hope
Caterina Jamieson, MD, PhD — UC San Diego
John Zia, MD — City of Hope
John Adams, MD — UC Los Angeles
David Parry, PhD — AimsSmithKline
Jeff Sheedy — CIRM Independent Citizens' Oversight Committee Member,
HIV AIDS Patient Advocate

05:30PM Closing Remarks

05:35PM Networking cocktail hour
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