SYMPOSIUM PROGRAM

SESSION 1: REGENERATION

08:20AM  Introduction  Caterina Jamieson, MD, PhD  Chief, Division of Regenerative Medicine, UC San 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

09:05AM  Hepatic Regeneration  David Brenner, MD  Vice Chancellor, UC San Diego Health Sciences  Dean, UC San Diego School of Medicine

09:40AM  Cirmzumab: 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. Zaia, 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, Depts. 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 Zaia, MD — City of Hope  John Adams, MD — UC Los Angeles  David Parry, PhD — GlaxoSmithKline  Jeff Sheehy — CIRM Independent Citizens’ Oversight Committee Member, HIV AIDS Patient Advocate

05:30PM  Closing Remarks

05:35PM  Networking cocktail hour
Thank You to Our Sponsors