Fourth Annual Symposium Program
March 9, 2018 | 7:30am - 7:00pm

7:30am  Breakfast
  - **Introduction**
  - **Session 1: Regenerative Medicine**

8:00am  Chaired by: **Catriona Jamieson, MD, PhD**
  - **Chief**, Division of Regenerative Medicine; Director, Moores Cancer Center Stem Cell Research Program, UC San Diego

8:10am  Chaired by: **Robert Signer, PhD**
  - Assistant Professor, Division of Regenerative Medicine, UC San Diego

8:55am  **Keynote Speaker: Jane Visvader, PhD**
  - Professor & Joint Division Head, Walter & Eliza Hall Institute for Medical Research
  - Mapping the Epithelial Hierarchy to Understand the Origins of Breast Cancer

9:25am  Chaired by: **Catriona Jamieson, MD, PhD**
  - Chief, Division of Regenerative Medicine; Director, Moores Cancer Center Stem Cell Research Program, UC San Diego

9:55am  **Break**

10:15am  From Human Pluripotent Stem Cells to Engineered T Cells
  - **Gay Crooks, MD**
    - Professor, Pathology and Laboratory Medicine & Professor, Pediatrics
    - Director, Cancer and Stem Cell Biology Program, UC Los Angeles

10:45am  Turbulence Activates Platelet Biogenesis to Enable Clinical Scale Manufacturing from Human Induced Pluripotent Stem Cells
  - **Koji Eto, MD, PhD**
    - Professor of Medicine, Deputy Director of CIRA, Kyoto University

11:15am  Trends in International Regulation of Stem Cell Clinical Translation and Development
  - **Douglas Sipp**
    - Adjunct Professor, Keio University Research Specialist, RIKEN Center for Developmental Biology

11:45am  **Lunch**

**Session 3: Panel Discussion: Stem Cell Clinical Trials**

12:45pm  **Moderator: Patty Maysent, MBA, MPH**
  - CEO, UC San Diego Health

1:40pm  **Andrew and Esther Schorr** - Patient Advocates

**Session 4: Cancer Stem Cells**

1:50pm  Chaired by: **Leslie Crews, PhD**
  - Assistant Adjunct Professor, Division of Regenerative Medicine, UC San Diego

1:55pm  Mapping of the Bone Marrow Microenvironment at a Single Cell Resolution
  - **Iannis Aifantis, PhD**
    - Chair & Professor, Department of Pathology, NYU School of Medicine

2:25pm  Tumor Heterogeneity in Small Cell Lung Cancer and Response to Therapy
  - **Julien Sage, PhD**
    - Professor, Pediatrics - Hematology & Oncology & Professor, Genetics
    - Stanford University School of Medicine

2:55pm  **Break**

3:10pm  Disorders of Histone Methylation in Hematological Malignancy
  - **Jonathan Licht, MD**
    - Director, University of Florida Health Cancer Center

3:40pm  Tumor Heterogeneity Roles for APOBEC Enzymes in Cancer
  - **Reuben Harris, PhD**
    - Professor of Biophysics, Department of Biochemistry and Molecular Chemistry
    - Associate Director, Institute for Molecular Virology, University of Minnesota

4:10pm  **Session 5: Immunotherapy**

4:20pm  Developing and Translating Novel Immunotherapies for Prostate Cancer
  - **Christina Jamieson, MD**
    - Associate Professor of Surgery & Urology
    - UC San Diego

4:50pm  Killing Cancer Cells
  - **Jeremy Rich, MD, MHS, MBA**
    - Professor, Division of Regenerative Medicine, Director, Neuro-Oncology & Brain Tumor Institute, UC San Diego

5:20pm  **Keynote Speaker: Carl June, MD**
  - Professor of Immunotherapy, Department of Pathology & Laboratory Medicine, UPenn
  - Engineering T Cells for Cancer

6:00pm  Symposium Closing Remarks

6:10pm  Networking Cocktail Hour
  - Bella Vista Caffe
  - West Terrace of Sanford Consortium