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

7:30am Breakfast

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

8:10am Session 1: Regenerative Medicine
Chaired by: Robert Signer, PhD
Assistant Professor, Division of Regenerative Medicine, UC San Diego

8:15am 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

8:55am Clock-like & Mosaic Mutational Processes in Human Somatic Cells
Ludmil Alexandrov, MPhil, PhD
Assistant Professor, Department of Cellular & Molecular Medicine, UC San Diego

9:25am Detection and Targeting of Malignant Progenitor Reprogramming
Catriona Jamieson, MD, PhD
Chief, Division of Regenerative Medicine; Director, Moores Cancer Center Stem Cell Research Program, UC San Diego

9:55am Break

10:10am Session 2: Cell Therapy
Chaired by: Dan Kaufman, MD, PhD
Professor, Division of Regenerative Medicine, Director of Cell Therapy, UC San Diego

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

12:45pm Session 3: Panel Discussion Stem Cell Clinical Trials
Moderator: Patty Maysent, MBA, MPH
CEO, UC San Diego Health

1:40pm Andrew and Esther Schorr - Patient Advocates

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 Genetic and Epigenetic 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
Chaired by: Scott Lippman, MD
Senior Associate Dean and Associate Vice Chancellor for Cancer Research and Care, Moores Cancer Center

4:20pm Developing and Translating Novel Immunotherapies for Prostate Cancer
Christina Jamieson, PhD
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

5:45pm Symposium Closing Remarks

6:00pm Networking Cocktail Hour

6:10pm Bella Vista Caffe
West Terrace of Sanford Consortium
The Division of Regenerative Medicine would like to thank the following organizations for their help in making our Annual Symposium a success.

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With additional support from:

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