

# UC San Diego

## SCHOOL OF MEDICINE

### Division of Regenerative Medicine

#### Fourth Annual Symposium Program

March 9, 2018 | 7:30am - 7:00pm

- 7:30am Breakfast  
**Introduction**
- 8:00am **Catriona Jamieson, MD, PhD**  
Chief, Division of Regenerative Medicine;  
Director, Moores Cancer Center Stem Cell  
Research Program, UC San Diego
- Session 1: Regenerative Medicine**
- 8:10am 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
- Session 2: Cell Therapy**
- 10:10am 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
- 11:45pm Lunch
- Session 3:  
Panel Discussion Stem Cell Clinical Trials**
- 12:45pm Moderator: **Patty Maysent, MBA, MPH**  
CEO, UC San Diego Health  
**Catriona Jamieson, MD, PhD** - UC San Diego  
**John Adams, MD** - UC Los Angeles  
**Maria Millan, MD** - CIRM  
**Sheila Chari, PhD** - Cell Stem Cell  
**Joseph Ciacci, MD** - UC San Diego  
**John Hood, PhD** - Impact Biomedicines
- 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 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
- Session 5: Immunotherapy**
- 4:10pm 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
- 6:00pm Symposium Closing Remarks
- Networking Cocktail Hour**
- 6:10pm Bella Vista Caffe  
West Terrace of Sanford Consortium

Hosted In  
Part By:

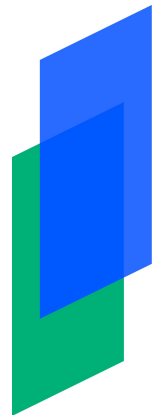


The Division of Regenerative Medicine would like to thank the following organizations for their help in making our Annual Symposium a success.

Our Sponsors:

Canada 

**Fote**  
THERAPEUTICS



**IMPACT**  
BIOMEDICINES

With additional support from:

**UC San Diego Health**  
Sanford Stem Cell Clinical Center