

"REGENERATING LIFE" SYMPOSIUM

Day One Friday, November 10th, Fairchild Auditorium

- 7:00-8:00 Continental Breakfast and Registration (Fairchild lobby)
- 8:00-8:15 Welcome and overview of Bio-X
- 8:15-8:45 Alejandro Sánchez Alvarado
Professor of Neurobiology and Anatomy / Investigator, HHMI, University of Utah School of Medicine
"Regeneration, stem cells and the planarian *Schmidtea mediterranea*"
- 8:45-9:15 Kristi Anseth
Associate Professor of Surgery / Assistant Investigator, HHMI
University of Colorado at Boulder
"Design of Macromolecular Structures to Synthesize Gel Niches that Promote Tissue Regeneration"
- 9:15-9:45 Paul Martin
Professor of Cell Biology / Head of Tissue Repair and Morphogenesis Lab
Department of Physiology & Biochemistry, School of Medical Sciences
University of Bristol
"Wound healing and inflammation studies in mice and flies and fish"
- 9:45-10:15 Clifford Tabin
Professor of Genetics
Department of Genetics
Harvard Medical School
"Patterning the vertebrate embryo"
- 10:15-10:30 Break - Refreshments served in Fairchild Auditorium Lobby
- 10:30-11:00 Deepak Srivastava
Professor and Director
Gladstone Institute of Cardiovascular Disease
University of California, San Francisco
"Cardiac Regeneration: Development Revisited"
- 11:00-11:30 Sean Morrison
Associate Professor of Cell & Developmental Biology
Assistant Investigator, Howard Hughes Medical Institute
University of Michigan
"Stem cell self-renewal versus cancer cell proliferation"
- 11:30-12:00 Aileen Anderson
Assistant Professor
Physical Medicine and Rehabilitation, Reeve-Irvine Research Center
University of California, Irvine
"Mouse over Matter or Matter over Mouse? Mechanisms of recovery after transplantation of human stem cells in rodent spinal cord injury models"
- 12:00-1:15 Lunch with our corporate members
- 1:15-1:45 Alysson Renato Muotri
Research Associate
Salk Institute for Biological Sciences
"Regulation of Neurogenesis in the Adult Brain"
- 1:45-2:15 Markus Grompe
Director, Oregon Stem Cell Center
Professor, Department of Molecular and Medical Genetics
Oregon Health Sciences University
"Therapeutic interventions in genetic liver disease"

- 2:15-2:45 Kim Jensen
Research Fellow
Cancer Research UK, London Research Institute
"Stem cells and lineage selection in adult mammalian epidermis"
- 2:45-3:15 Jeffrey Hubbell
Professor, Laboratory for Regenerative Medicine & Pharmacobiology
Institute of Bioengineering
Swiss Federal Institute of Technology (EPFL)
"Biomimetic and bioresponsive materials in regenerative medicine and drug delivery"
- 3:15-3:30 Break - Refreshments served in Fairchild Auditorium Lobby
- 3:30-4:00 Laura Johnston
Assistant Professor of Genetics & Development
Columbia University, College of Physicians & Surgeons
"Winners and losers during the control of growth in *Drosophila*"
- 4:00-4:30 Henry Greely
Deane F. and Kate Edelman Johnson Professor of Law
Stanford University
"Why Does Society Care So Much About Regenerative Medicine?"
- 4:30-5:00 Jill Helms
Associate Professor of Surgery
Plastic and Reconstructions Surgery
School of Medicine, Stanford University
"Development, repair and regeneration of the skeleton"
- 5:00-7:30 Poster session / Reception - Fairchild Auditorium Lobby (Wine & cheese)

Day Two Saturday, November 11, Clark Center Auditorium

- 8:00-9:00 Breakfast with students
- 9:00-9:30 Alejandro Sanchez
"Working with the planarian *Schmidtea mediterranea*"
- 9:30-10:00 Fred Gage
"Epigenetic Regulation of Neurogenesis in Adult Mammalian Brain"
- 10:00-10:30 Kristi Anseth
"Design of Macromolecular Structures to Synthesize Gel Niches that Promote Tissue Regeneration"
- 10:30-11:00 Break
- 11:00-11:30 Cliff Tabin
"Taking advantage of multiple systems to explore developmental problems"
- 11:30-12:00 Geoffrey Gurtner
Associate Professor of Surgery
Stanford University
"Why Scar? Inhibitors of Tissue Regeneration during Wound Healing"
- 12:00-1:00 Lunch with students