



SBE's 2nd International Conference on Stem Cell Engineering

May 2-5, 2010
Boston, MA

Call for Papers

Engineering Cell Fate

SBE's Second International Conference on Stem Cell Engineering

Co-sponsored by the International Society for Stem Cell Research • May 2-5, 2010 • Hyatt Harborside Hotel • Boston, MA



Conference Chairs:

George Daley, *Children's Hospital Harvard Medical School*

Peter Zandstra, *University of Toronto*

Invited Speakers:

Daniel Anderson, *Massachusetts Inst. of Technology*

Kristi Anseth, *University of Colorado*

James J Collins, *Boston University*

Dennis Discher, *University of Pennsylvania*

Connie Eaves, *BC Cancer Agency*

Paul Frenette, *Mount Sinai School of Medicine*

Wei-Shou Hu, *University of Minnesota*

Gordon Keller, *University Health Network*

Hang Lu, *Georgia Institute of Technology*

Doug Melton, *Harvard University*

David Mooney, *Harvard University*

Charles (Chuck) Murry, *University of Washington*

Ingo Roeder, *University of Leipzig*

Lee Rubin, *Harvard University*

David Schaffer, *University of California, Berkeley*

Austin Smith, *Cambridge University*

Gordana Vunjak-Novakovic, *Columbia University*

Amy Wagers, *Harvard University*

Biologists and engineers are working together on fundamental and translational research in fields that will impact human health in the coming years. This Gordon-style conference will explore novel strategies to "Engineer Cell Fate", emphasizing how efforts in stem cell biology and engineering can combine to aid in the development of novel therapies. By bringing together the bioengineering and stem cell biology communities this conference should catalyze progress towards innovative solutions to problems in regenerative medicine. For more details visit www.aiche.org/StemCellEng.

Conference Topics:

- Bioreactors and Bioprocesses for Cell Expansion and Differentiation
- Defining and Eradicating Cancer Stem Cells
- Engineering Approaches to Endogenous Repair
- High Throughput Microfluidic Screening Platforms
- Intercellular Signaling and the Engineered Niche
- iPS Cell Reprogramming and Disease Models
- Novel Approaches for Adult Stem Cell Growth and Differentiation
- Novel Approaches for Pluripotent Stem Cell Growth and Differentiation
- Systems-Based Approaches to Understanding Fate Decisions
- Tissue Engineering and Regeneration Using Stem Cells

Conference Information:

Go to <http://www.aiche.org/StemCellEng> to:

- Receive more information
- Join our mailing list

Call for Papers:

Submit an abstract by January 22, 2010 at
<http://aiche.confex.com/aiche/sce10/cfp.cgi>

Opportunities for corporate sponsorship and exhibits are available. Contact bio@aiche.org for more information.