Stem Cells and Cell Therapies in Lung Biology and Lung Diseases

Sponsored by the National Heart, Lung, and Blood Institute, the Alpha-1 Foundation, the American Thoracic Society, the Pulmonary Fibrosis Foundation, the University of Vermont College of Medicine, and the Vermont Lung Center
(Other sponsors will be added)

Burlington, Vermont
July 26-29, 2009

Draft Agenda
Confirmed participants in black
Awaiting confirmation in red

Evening Sunday July 26th
5:00-7:00 Welcoming Reception, Sheraton Hotel

Monday July 27th Medical Education Pavilion, UVM
Morning 8-8:15 Welcome and Introduction (Continental breakfast available)

Session 1: Endogenous Lung Progenitor Cells/Lung Cancer Stem Cells
Moderator: Ivan Bertoncello PhD, Monash University Australia
8:15-8:45 Introductory Overview Talk: Paul J. Simmons PhD
University of Texas

(All subsequent talks: 20 min followed by a 10 min Q/A period)

8:45-11:30 4-5 presentations with appropriate breaks
Speakers include:
Carla Kim PhD, Boston Children’s Hospital
Ed Morrissey PhD, Penn
Majd Mouded PhD, Pitt
Susan Reynolds PhD National Jewish
Barry Stripp PhD, Duke University

11:30-12:30 Panel Discussion Discussants: 4-5 selected participants
Saverio Belluscio PhD, Children’s Hospital LA
Wellington Cardoso MD, Boston University
Alan Fine MD, Boston University
Andrew Hoffman DVM PhD, Tufts
Parviz Minoo MD, Children’s Hospital LA

12:30-1:30 Lunch: University of Vermont
Monday Afternoon July 27th
Session 2: Embryonic Stem Cells, iPS, and Lung Regeneration
Moderator: David Warburton MD, Children’s Hospital LA

1:30-2:00 Featured Speaker: Konrad Hochedlinger, PhD
Harvard Stem Cell Institute

2:00-4:30 4-5 talks with appropriate breaks
Speakers include:
Darrell Kotton MD, Boston University
Peter Lelkes PhD, Drexel University
Carolyn Lutkzo PhD, Los Angeles Children’s Hospital
Rick Wetsel MD, University of Texas

4:30-5:30 Panel Discussion Discussants: 4-5 selected participants
Barbara Driscoll PhD, Children’s Hospital LA
Jeffrey Spees PhD, University of Vermont
William Stanford PhD, University of Toronto

5:30-7:00 Poster Session

7:30 Dinner/Reception ECHO Science Center, Burlington

Tuesday July 28
Morning
Session 3: MSC Modulation of Immune and Inflammatory Responses
Moderator: Mauricio Rojas PhD, Emory

8:00-8:30 Featured Speaker: Armand Keating MD, University of Toronto

8:30-11:30 4-5 Presentations with appropriate break
Tentative speakers include:
Diane Krause MD PhD, Yale University
Katerina Leblanc MD, University of Gotesborg
Ryang Hwa Lee PhD, Texas A and M Health Center
Conrad Liles MD, University of Toronto
Michael Matthay MD, UCSF
Daniel J. Weiss MD PhD, University of Vermont

11:30-12:30 Panel Discussion Discussants: 4-5 selected participants
Marc Hershenson, MD, University of Michigan
Jane Onken MD, Duke
Luis Ortiz MD, University of Pittsburgh
Donald Phinney PhD, Tulane

12:30-1:30 Lunch: University of Vermont
Tuesday Afternoon July 28th
Session 4: Bioengineering Approaches to Lung Regeneration
Moderator: Angela Panoskaltsis-Mortari PhD, Minnesota

1:30-2:00  Featured Speaker: Dame Julia Polak, DBE, MD, DSc, Imperial College London

2:00-5:00  4-5 talks with appropriate breaks
Speakers include
Christine Finck MD, Connecticut Children’s Hospital
David Hoganson MD,
Ed Ingenito MD, Harvard
Viranuj Sueblinvong MD, Emory
Charles Vacanti MD, Harvard

5:00-6:00  Panel Discussion  Discussants: 4-5 selected participants
Jason Bates PhD, University of Vermont
Dario Fauza MD, Children’s Hospital Boston
Thomas Gilbert MD, University of Pittsburgh
Mingyao Liu MD, University of Toronto

7:30     Dinner Davis Center, UVM

Wednesday July 29
Morning
Session 5  EPCs and Clinical Trials in Lung Diseases
Moderator: Zea Borok MD  USC

8:00-8:30  Featured Speaker: Mervin Yoder MD University of Indiana

8:30-11:00  4-5 Presentations with appropriate break
Speakers include:
Serpil Erzurum MD, Cleveland Clinic
Asrar Malik MD, University of Illinois
Judy Shizuru, MD, PhD, Stanford
Duncan Stewart MD, University of Ottawa

11:00-11:30 Panel Discussion  Discussants: 4-5 selected participants
Ken Brigham MD, Emory
Polly Parsons MD, University of Vermont
Stephen Rennard, MD, Nebraska
Steven Shapiro MD, Pitt
11:30-12:00 Break/box lunch

Afternoon Session 6: Summation and Directions
Moderator: Darwin Prockop MD PhD, Texas A & M Health Science Center

12:00-12:15 Perspectives from the NHLBI, FDA, Respiratory Disease Foundations
Tentative speakers include:
Donald Fink, Jr., PhD, FDA
Michael Rosenzweig, PhD, CEO Pulmonary Fibrosis Foundation
John Walsh MD, CEO Alpha-1 Foundation
NHLBI Representative
ATS Representative

12:15-12:45 Ethics In Stem Cell Research
Jeffrey Kahn PhD, University of Minnesota

12:45-1:15 Stem Cell and Cell Therapies in Perspective:
Featured Speaker: David Scadden MD, Harvard

1:15-2:30 Open Discussion: Setting Priorities and recommendations to the NIH regarding future research opportunities

2:30 Conclusion