

## LAM CELL SUMMIT 2008

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**Overview:** The LAM Treatment Alliance is dedicated to fostering and funding research that can lead to an effective treatment for LAM in the fastest time possible. The LAM Cell Summit held in June of 2006 sought to review and establish criteria for validating LAM cells. As we now consider the outstanding bottlenecks we face in scaling-up and advancing treatment research, our focus is on both strategic and tactical/technical challenges.

At this LAM Cell Summit, we will revisit the reasons why identifying, describing, validating, purifying and growing these cells matters. We will think across disciplinary boundaries and draw on respective labs' experiences working with these cells and those with similar characteristics. We will come up with new insights, alternatives and potential best practices to guide us as we embark on concrete initiatives that emerge as top priorities.

**Date:** March 28, 2008

**Time:** 10:00 AM – 5:00 PM // Dinner 6:15 PM - Jae's Restaurant

**Location:** Harvard Medical School - Karp Research Laboratories, 6th Floor, Room RB #06201

### SUMMIT DELEGATES:

- *Dan Anderson, PhD*, Massachusetts Institute of Technology (MIT), USA
- *Myles Brown, MD*, Dana Farber Cancer Institute/Harvard Medical School, USA
- *Catherine Butterfield*, Children's Hospital Boston/Harvard Medical School, USA
- *John (Sean) Clohessy, PhD*, BIDMC, Harvard Medical School, USA
- *Jennifer Cook, PhD*, Dana Farber Cancer Institute/Harvard Medical School, USA
- *Ian Eslick*, Massachusetts Institute of Technology (MIT) Media Lab, USA
- *Amy Farber, PhD*, LAM Treatment Alliance/Harvard Medical School, USA
- *Geraldine Finlay, MD*, Tufts Medical Center, USA
- *Caroline Heckman, PhD*, University of Helsinki, FINLAND
- *Elizabeth Henske, MD*, Fox Chase Cancer Center, USA
- *Vera Krymskaya, PhD*, University of Pennsylvania, USA
- *David Kwiatkowski, MD, PhD*, Brigham & Women's Hospital/Harvard Medical School, USA
- *Elena Lesma, PhD*, University of Milano, ITALY
- *Frank McCormack, MD*, University of Cincinnati, USA
- *Joel Moss, MD, PhD*, National Institutes of Health (NIH)/National Heart, Lung & Blood Institutes (NHLBI), USA

- *Michael Nurok, MD, PhD*, Brigham & Women's Hospital/Harvard Medical School, USA
- *Gustavo Pacheco, PhD*, National Institutes of Health (NIH)/National Heart, Lung & Blood Institutes (NHLBI), USA
- *Robert Padera, MD, PhD*, Brigham & Women's Hospital/Harvard Medical School, USA
- *Craig Peacock, PhD*, Sidney Kimmel Comprehensive Cancer Center/Johns Hopkins University, USA
- *Jakov Peter, PhD*, Brigham and Women's Hospital/ Harvard Medical School, USA
- *Robert Sackstein, MD, PhD*, Brigham and Women's Hospital/ Harvard Medical School, USA
- *Sarah Short, PhD*, Children's Hospital Boston/Harvard Medical School, USA
- *Roland Stauber, PhD*, University Hospital Mainz, GERMANY
- *Lunyin Yu, MD*, Massachusetts General Hospital/ Harvard Medical School, USA
- *Cheryl Walker, PhD*, University of Texas MD Anderson Cancer Center, USA
- *Neil Watkins, MD, PhD*, Sidney Kimmel Comprehensive Cancer Center/Johns Hopkins University, USA
- *Vicky Whitemore, PhD*, Tuberous Sclerosis Alliance, USA

## SUMMIT AGENDA:

MARCH 28, 2008 (10:00 am – 5:00 pm)

- ▶ 10:00am – 10:05am **Summit Introduction**
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SESSION I. Why does the quest to identify, describe, validate, purify and grow LAM cells matter if our goal is to find an effective treatment for LAM in the fastest time possible?

- ▶ 10:05am – 10:20am **Delegate Introductions / The Key Projects that Require Cells**
- ▶ 10:20am – 10:35am **Molecular Characterization and Isolation of LAM Cells - Joel Moss, MD, PhD**
- ▶ 10:35am – 10:40am **Cell Culture Optimization – Daniel Anderson, PhD**

- ▶ 10:40am – 12:40pm      Working with LAM Cells – What Works & What Does Not?
  
- ▶ Labs from across the globe report...
  - 10:40-10:48 - Brown Lab
  - 10:48-10:55 - Finlay Lab
  - 10:55-11:02 - Gorio Lab
  - 11:02-11:15 - Henske Lab - Cell Challenges & Cell of Origin/Disease Model
  - 11:15-11:22 - Krymskaya Lab
  - 11:22-11:35 - Kwiatkowski/ Folkman Lab Collaboration
  - 11:35-11:42 - Watkins/ Peacock Lab
  - 11:42-12:40 - Other Labs/ Discussion
  
- ▶ 12:40pm – 1:15pm      Key Cell-Related Challenges in Context (Facilitated Session)
  - CD44 and LAM: The Metastatic Link? – Robert Sackstein, MD, PhD
  - Migration and Growth of Lung Reparative Cells - Yakov Peter, PhD
  


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- ▶ WORKING LUNCH      1:15pm – 1:45pm
  


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- SESSION II. Overcoming Key Cell-Related Challenges in Context
  
- ▶ 1:45pm – 3:00pm      Priorities & Initiatives to Move the Field Forward (Facilitated Session)
  


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- ▶ COFFEE BREAK      3:00pm – 3:20pm
  


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- ▶ 3:20pm – 5:00pm      Mapping Concrete Next Steps (Facilitated Session)
  
- ▶ 5:00pm – 5:50pm      Informal Networking / Departures

\*If you will join us for dinner, transportation will leave the Karp Building for Jae's at 5:50pm