

**THE LAM FOUNDATION**  
**2010 INTERNATIONAL RESEARCH CONFERENCE - APRIL 9-11**

**Scientific Schedule**

CONFERENCE CHAIR, FRANCIS X. MCCORMACK, MD

BASIC SCIENCE CHAIR, ELIZABETH HENSKE, MD

CLINICAL SCIENCE CHAIR, LISA YOUNG, MD

**FRIDAY MORNING, APRIL 9<sup>TH</sup> – 7:30AM–12:00PM**

**TAFT–LEVEL III**

**SESSION I: BIOMARKERS AND IMAGING**

*Session Chair: Cheryl Walker*

7:30 – 8:00 BREAKFAST/POSTER VIEWING

8:00 – 8:05 Frank McCormack, MD: Welcome

8:05 – 8:10 Comments and Patient Intro by Session Chair

8:10 – 8:15 Comments by LAM patient

8:15 – 8:40 David Mankoff, MD, PhD: "Molecular imaging as a tool for bench-to-bedside research and therapy"

8:40 – 9:05 Bruce Kristal, PhD: "Metabolomic profiling of human disease for biomarker identification"

9:05 – 9:30 Michael Welsh, MD: "A porcine model of Cystic Fibrosis exhibits lung manifestations of the human disease"

9:30 – 9:55 Kazunori Tobino, MD: "Imaging Studies of LAM"

9:55 – 10:20 BREAK/POSTER VIEWING

**PRESIDENTIAL III–LEVEL III**

10:20– 10:45 Invited Speaker: TBD

**TAFT–LEVEL III**

10:45– 11:00 Abstract 1:

11:00 – 11:15 Abstract 2:

11:15 – 11:30 Abstract 3:

11:30 – 11:45 Abstract 4:

11:45 – 12:00 Abstract 5:

12:00– 1:00 LUNCHEON BUFFET/POSTER VIEWING

**PRESIDENTIAL III–LEVEL III**

**FRIDAY AFTERNOON, APRIL 9<sup>TH</sup> – 1:00PM–6:00PM**

**TAFT–LEVEL III**

**SESSION II: LUNG DESTRUCTION**

*Session Chair: Greg Downey, MD*

1:00 – 1:05 Comments and Patient Intro by Session Chair

1:05 – 1:10 Comments by LAM patient

1:10 – 1:35 Geraldine Finlay, MD: "Insights into therapeutic strategies from TSC animal models"

1:35 – 2:00 Eric White, MD: "PTEN, fibroblast migration, and lung matrix"

2:00 – 2:25 Caroline Owen, MD: "Lung cyst pathogenesis in LAM – lessons from COPD"

2:25 – 2:50 Danielle Morse, MD: "Common pathways in lung injury and fibrosis"

2:50 – 3:10 BREAK/POSTER VIEWING

**PRESIDENTIAL III–LEVEL III**

3:10 – 3:35 Akiko Hata, PhD: "MicroRNA regulation of smooth muscle phenotypes"

3:35 – 4:00 Franco Bonetti, MD: "LAM, Pecomax, and Cathepsin K"

4:00 – 6:00 POSTER DISCUSSION/WINE & CHEESE:

**PRESIDENTIAL III–LEVEL III**

Drs. Greg Downey & Kuniaki Seyama

**FRIDAY AWARDS BANQUET / DESSERT SOCIAL – 6:30PM–9:00PM**

**PRESIDENTIAL BALLROOM**

6:30 – 6:35 Welcome

Foundation Director

6:35 – 6:45 Musical Entertainment

6:35 – 7:30 Dinner

7:30 – 8:00 Keynote Speaker

Elizabeth Cohen, CNN Senior Medical Correspondent

8:00 – 8:30 Award Presentations

Sue Byrnes, Research Programs/Frank McCormack, MD, Scientific Director

8:30 – 9:00 DESSERT SOCIAL FOR ALL ATTENDEES

**GIBSON FOYER–LEVEL III**

**SATURDAY MORNING, APRIL 10<sup>TH</sup> – 7:30AM–12:00PM**

**TAFT–LEVEL III**

**SESSION III: SIGNALING**

***Session Chair: Kuniaki Seyama, MD, PhD***

7:30 – 8:00 BREAKFAST

8:00 – 8:05 Comments and Patient Intro by Session Chair

8:05 – 8:10 Comments by LAM patient

8:10 – 8:35 Brendan Manning, PhD: "Signaling downstream of TSC2 – does it explain LAM pathogenesis?"

8:35 – 9:00 Channing Der, PhD: "Role of Rheb in TSC pathogenesis and as a therapeutic target"

9:00 – 9:25 Arnold Kristof, MD: "Roles and regulation of mTOR"

9:25 – 9:50 Vera Krymskaya, PhD: "Mechanisms of proliferation and survival in TSC2 null cells"

9:50 – 10:20 BREAK

10:20– 10:45 David Kwiatkowski, MD: "Using animal models to elucidate the pathogenesis of TSC and LAM"

10:45– 11:10 Kun-Liang Guan, PhD: "TSC, mTOR, and energy balance: therapeutic implications"

11:10 – 11:25 Abstract 6:

11:25 – 11:40 Abstract 7:

11:40 – 11:55 Abstract 8:

11:55 – 1:00 LUNCH

**FOUNTAIN ROOM–LEVEL II**

**SATURDAY AFTERNOON, APRIL 10<sup>TH</sup> – 1:00PM–4:55PM**

**TAFT–LEVEL III**

**SESSION IV: TRIALS**

***Session Chair: Simon Johnson, MD***

1:00 – 1:05 Comments and Patient Intro by Session Chair

1:05 – 1:10 Comments by LAM patient

1:10 – 1:35 Carlyne Cool, MD: "Translational research from a lung tissue repository"

1:35 – 2:00 Denise Adams, MD: "Lymphatic dysplasias and mTOR trials"

2:00 – 2:25 Joel Moss, PhD, MD: "New developments in LAM pathogenesis"

2:25 – 2:50 Bruce Korf, PhD, MD: "Developing a national collaborative network for clinical research in neurofibromatosis"

2:50 – 3:20 BREAK

3:20 – 3:35 Abstract 9:

3:35 – 3:50 Abstract 10:

3:50 – 4:15 George Retsch Bogart, MD: "Cystic Fibrosis therapeutics development network: Insights for LAM"

**SATURDAY EVENING – BREATH OF HOPE GALA – 6:30PM–12:00AM**

**PRESIDENTIAL BALLROOM–LEVEL III**

**Gala Coordinator: Laureen McCorkle**

6:30 – 12:00 Dinner/Auction/Program/Dancing

**SUNDAY MORNING, APRIL 11<sup>TH</sup> – 8:30AM–11:00AM**

**PRESIDENTIAL III–LEVEL III**

8:30 – 11:00 Roundtable Discussions