**2017 International Research Conference on TSC and LAM: Innovating Through Partnerships**

(DRAFT as of January 24, 2017)

|  |  |
| --- | --- |
| **June 22, 2017** | **Day One, Thursday** |
| 2:00-6:30 p.m. | **Welcome and Plenary session 1*** 2:00-2:15 TSC/LAM patient or family member
* 2:15-2:45 Brendan Manning, PhD, Harvard T.H. Chan School of Public Health – role of TSC1/2 on purine synthesis
* 2;45-3:15 Maikel Peppelenbosh, PhD, Erasmus Medical Center – PAK2 as effector of TSC1/2 independent of mTOR
* 3:15-3:45 Kimberly Raab-Graham, PhD, Wake Forest School of Medicine – proteins at the synapse regulated by mTORC1
* 3:45-4:00 BREAK (15 min)
* 4:00-4:45 Emily Osterweil, PhD, University of Edinburgh – mRNA and translation at synapses regulated by mTOR
* 4:45-5:15 Julian Sampson, DM, FRCP, FMedSci, University of Cardiff – data from TRON study of rapamycin on cognition in TSC
* 5:15-5:30 1 short talk selected from abstracts
* 5:30-5:45 1 short talk selected from abstracts
* 5:45-6:30 45 min set aside for “late breaking” talks
 |
| 7:00-9:00 p.m. | **Dinner and Keynote Speaker:** 7:00-7:10 Opening Remarks by Kari Luther Rosbeck and Sue Sherman7:10-7:25 Dr. Walter Koroshetz, Director, National Institute of Neurological Disorders and Stroke7:25-7:40 Dr. James Kiley, Director, Division of Lung Diseases, National Heart, Lung, and Blood Institute8:00-9:00 Keynote Address by David Sabatini, MD PhD, Massachusetts Institute of Technology – impact of basic research on advances in TSC and LAM clinical care |
| **June 23, 2017** | **Day Two, Friday** |
| 8:30 a.m. to Noon | **Plenary session 2*** 8:30-8:45 TSC/LAM patient or family member
* 8:45-9:15 Elizabeth Thiele, MD PhD, Harvard Medical School – CBD effects on epilepsy in TSC and Lennox-Gateaux Syndrome
* 9:15-9:45 Vera Krymskaya, PhD MBA, University of Pennsylvania – axitinib inhibits lesion growth in animal model
* 9:45-10:15 1 short talk selected from abstracts
* 10:15-10:30 1 short talk selected from abstracts
* 10:30-10:45 BREAK (15 min)
* 10:45-11:15 Jeanine D’Armiento, MD PhD, Columbia University – tumorigenesis requires HMGA2 independent of mTOR and TSC1/2 second hits
* 11:15-11:45 Darcy Krueger, MD PhD, Cincinnati Children’s Hospital Medical Center – clinical trial data: everolimus neurocognition in TSC
* 11:45-12:00 1 short talk selected from abstracts
 |
| Noon-1:00 p.m. | Lunch provided (1 hr) |
| 1:00-3:00 p.m.  | 1:00-2:30 Breakout working groups (90 min)2:30-3:00 BREAK (30 min) |
| 3:00-5:00 p.m. | **Plenary session 3** * 3:00-3:30 Mustafa Sahin, MD PhD, Harvard Medical School – interim data: autism biomarker study in TSC infants
* 3:30-4:00 Charles Nelson, PhD, Harvard Medical School – circuitry biomarkers
* 4:00-4:30 Lisa Henske, MD, Harvard Medical School – elimination of tumor cells in TSC and LAM
* 4:30-5:00 Yonghao Yu, PhD, University of Texas Southwestern Medical Center – signaling of IGFR1 and mTOR
 |
| 5:00-7:00 p.m. | **Poster session and reception** (2 hours) |
| **June 24, 2017** | **Day Three, Saturday** |
| 8:30 a.m.-Noon | **Plenary session 4** * 8:30-8:45 TSC/LAM patient or family member
* 8:45-9:15 Ravi Jagasia, PhD, F. Hoffmann-La Roche – iPSC-derived TSC cells
* 9:15-9:45 Martina Bebin, MD MPA, University of Alabama Birmingham – final data: EEG biomarker study in TSC infants
* 9:45-10:15 1 short talk selected from abstracts
* 10:15-10:30 1 short talk selected from abstracts
* 10:30-10:45 BREAK (15 min)
* 10:45-11:15 David Kwiatkowski, MD PhD, Harvard Medical School – EPISTOP genetics
* 11:15-11:45 Sergiusz Jóźwiak, MD PhD, Children’s Memorial Health Institute – EPISTOP data
* 11:45-12:00 1 short talk selected from abstracts
 |
| Noon-1:00 p.m. | Lunch provided (1 hr) |
| 1:00 – 3:00 p.m. | **Plenary session 5*** 1:00-1:30 Cheryl Walker, PhD, Baylor College of Medicine – lysosome/peroxisome pathology in TSC & LAM
* 1:30-2:00 John Blenis, PhD, Weill Cornell Medical College – new data regarding SPRK2, GSK3, Foxk1, and RuvBL
* 2:00-2:15 1 short talk selected from abstracts
* 2:15-2:30 1 short talk selected from abstracts
* 2:30-3:00 BREAK (30 min)
 |
| 3:00-5:00 p.m. | * 3:00-4:30 Joint session with individuals and families affected by TSC and/or LAM covering reports from Friday’s breakout sessions and discussion of important research topics that are relevant and understandable to a non-technical audience – speaker(s) to be determined
* 4:30-5:00 Conference close
 |

**2017 International Research Conference on TSC and LAM
Steering Committee**

Co-Chairs:

Francis X. McCormack, MD, Univ. of Cincinnati Steven L. Roberds, PhD, TS Alliance

Martina Bebin, MD, Univ. of Alabama Birmingham Michael J. Gambello, MD PhD, Emory Univ.

Kari Luther Rosbeck, TS Alliance Mustafa Sahin, MD PhD, Harvard Med. School

Sue Sherman, The LAM Foundation Katie Smith, TS Alliance

Andrew Tee, PhD, Cardiff Univ. Raymond S. Yeung, MD, Univ. of Washington

Lisa R. Young, MD PhD, Vanderbilt Univ. Jane Yu, PhD, Univ. of Cincinnati