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

(DRAFT as of January 24, 2017)

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| **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 Sherman  7:10-7:25 Dr. Walter Koroshetz, Director, National Institute of Neurological Disorders and Stroke  7:25-7:40 Dr. James Kiley, Director, Division of Lung Diseases, National Heart, Lung, and Blood Institute  8:00-9:00 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:

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