

# MEETING OF THE MINDS



FOR RESEARCHERS - SEPT. 13TH

## SESSION 1

10am EST **Opening Remarks & Introductions**  
Tracy Dixon-Salazar, PhD

10:15am EST **What We Know about LGS & Ongoing Questions**  
**Moderators:**  
Heather Mefford, MD, PhD  
Ann Poduri, MD, MPH

10:30am EST **History, EEG Features, & Clinical Findings in LGS**  
Elaine Wirrell, MD

11am EST **Causes of LGS**  
Anup Patel, MD

11:30am EST **What does better look like? Identifying and Measuring Meaningful Outcomes for LGS**  
Anne Berg, PhD

12pm EST **Current and Emerging Treatments in LGS**  
James Wheless, MD

12:30pm EST **Panel Discussion:**  
*Where are the gaps in our understanding of LGS and what do we need to do to bridge those gaps?*

1pm EST **Break (1 hour)**

## SESSION 2

2pm EST **How do we advance clinical research to understand the LGS network?**  
**Moderators:** Eric Marsh, MD, PhD  
Brenda Porter, MD, PhD

2:15pm EST **How we might map network dysfunction in LGS: Early Developmental Changes in the EEG and MRI that portend LGS**  
Jurriaan Peters, MD, PhD

2:45pm EST **How we might modulate network dysfunction in LGS: Important findings in Mapping and Modulating Networks**  
Jennifer Gelinias, MD, PhD

3:15pm EST **Specific Network changes in LGS**  
John Archer, MD, PhD

3:45pm EST **How we might predict who will develop LGS: Potential Biomarkers of the LGS Phenotype**  
Zach Grinspan, MD, MS

4:15pm EST **Break (15 mins)**

4:30pm EST **Developing Novel Approaches to Clinical Trials for LGS**  
Dennis Dlugos, MD

5pm EST **Panel Discussion:**  
*Where are the gaps in our clinical understanding of LGS and what do we need to do to bridge those gaps?*

5:30pm EST **Happy Hour**

# MEETING OF THE MINDS



FOR RESEARCHERS - SEPT. 14TH

## SESSION 3

10am  
EST

**Welcome Back**  
Tracy Dixon-Salazar, PhD

10:15am  
EST

**Advancing Basic Research to Understand the LGS Network**  
Scott Baraban, PhD

10:30am  
EST

**Organoids Modeling of Networks**  
Allyson Muotri, PhD

11am  
EST

**Zebrafish Modeling of Networks and Relevance to LGS**  
Megan Dennis, PhD

11:30am  
EST

**Rodent Modeling of Networks and Relevance to LGS**  
Mingshan Xue, PhD

12pm  
EST

**Panel Discussion:**  
*Where are the gaps in our understanding of LGS and what do we need to do to bridge those gaps?*

1pm  
EST

**Break (1 hour)**

"This meeting is critical! This meeting will not only bring the research and family communities together but will help guide the LGS Foundation's research funding strategy as we seek disease-modifying therapies for LGS."  
*Tracy Dixon-Salazar, PhD*

## SESSION 4

2pm  
EST

**What do we know? Where are the gaps? What can researchers, clinicians, families do to fill those gaps?**  
**Moderators:** Eric Marsh, MD, PhD

2:15pm  
EST

**Clinical Research Needs on the LGS Network**  
Comments by Martina Bebin, MD, MPA

3pm  
EST

**Basic Research Needs on the LGS Network**  
Comments by Ivan Soltesz, PhD

3:45pm  
EST

**Translating LGS Network Research to Patients**  
Comments by Jeff Noebels, MD, PhD

4:30pm  
EST

**Wrap-up and the Role of the LGS Foundation in Funding Research**  
Tracy Dixon-Salazar, PhD

