

# Agenda

**8:00 a.m. Registration and Breakfast**

**8:45 a.m. Welcome and Opening**

Hande Ozdinler, PhD, Associate Professor of Neurology, Northwestern University Feinberg School of Medicine

Robert Kalb, MD, Joan and Paul Rubschlager Professor of Neurology, Chief of Neuromuscular Disease; Director, Les Turner ALS Center at Northwestern Medicine

**9:00 a.m.- Noon Research Presentations**

**9:00-9:15 a.m. Targeting the Ubiquitin-Proteasome System in Neurodegenerative Diseases** by Robert Kalb, MD

**9:20-9:35 a.m. Immune System Alteration in ALS** by David Gate, PhD, Director, Abrams Research Center on Neurogenomics Assistant Professor of Neurology, Northwestern University Feinberg School of Medicine

**9:40-9:55 a.m. Cell Type-Specific Alterations of Cortical Excitability in a Model of Familial ALS** by Marco Martina, MD, MSc, PhD, Professor of Neuroscience and Psychiatry and Behavioral Science, Northwestern University Feinberg School of Medicine

**10:00-10:15 a.m. TDP-43 Pathology in the ALS Motor Cortex** by Hande Ozdinler, PhD

**10:20-10:45 a.m. Morning Break**

**10:50-11:20 a.m. RNA-Based Regulation of TDP-43 Nuclear Localization** by Lindsey Hayes, MD, PhD, Associate Professor of Neurology, Johns Hopkins Medicine

**11:25-11:55 a.m. Cryptic Splicing: From Foe to Friend in Tackling Amyotrophic Lateral Sclerosis** by Pietro Fratta, MD, PhD, Professor of Cellular and Molecular Neuroscience at the UCL Queen Square Institute of Neurology and the Francis Crick Institute

**Noon-2:00 p.m. Lunch Break/Poster Session**

**2:00-2:10 p.m. Opening Remarks for Afternoon Session**

Laura Freveletti, CEO, Les Turner ALS Foundation

**2:15-3:10 p.m. Keynote Address**

Introduction: Senda Ajroud-Driss, MD, Les Turner ALS Foundation/Herbert C. Wenske Professor of Neurology; Director, Lois Insolia ALS Clinic; Les Turner ALS Center at Northwestern Medicine

Keynote: **Advances in ALS Clinical Trial Outcome Measures** by Angela Genge, MD, FRCP(C), Professor of Neurology, Director, Montreal Neurological Institute and Hospital's ALS, Global Center of Excellence, ALS Clinic

**3:20 p.m. Afternoon Break**

**3:30 p.m. Clinical Conversations Panel**

Moderator: Anne Marie Doyle, M.A., CCC-SLP, Community Education Manager, Les Turner ALS Foundation

**Panelists:**

Senda Ajroud-Driss, MD

Melissa Diaz-Viera, LCSW, Support Service Committee, Les Turner ALS Foundation and ALS Research Ambassador for the Northeast ALS Consortium, Operations Coordinator for Project ALS

Angela Genge, MD

Kelly Goodman, Support Services Committee, Les Turner ALS Foundation

**4:35 p.m. Closing Remarks**

Robert Kalb, MD

\*All Northwestern faculty members presenting at the symposium are affiliated with the Les Turner ALS Center at Northwestern Medicine unless otherwise noted.