

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 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
- 10-10:15 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, University College London
- 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
- 2:15-3:15 p.m.** **Keynote Address**
Introduction: Senda Ajroud-Driss, MD, Professor of Neurology; Director, Lois Insolia ALS Clinic; Les Turner ALS Center at Northwestern Medicine; Director, MDA Clinic, University Feinberg School of Medicine
- Keynote: **Advances in ALS Clinical Trial Outcome Measures** by Angela Genge, MD, FRCP(C), Director, Montreal Neurological Institute and Hospital's ALS, Global Center of Excellence, ALS Clinic
- 3:20 p.m.** **Afternoon Break**
- 3:30 p.m.** **Les Turner ALS Foundation Video & Clinical Conversations Panel**
Moderator: Lauren Webb, LCSW, Chief Advocacy and Outreach Officer, Les Turner ALS Foundation
- Senda Ajroud-Driss, MD
- Angela Genge, MD
- Kelly Goodman, Support Services Committee, Les Turner ALS Foundation
- 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
- 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.