

# New Frontiers in ALS research

The David Lopatie Conference Centre  
Weizmann Institute of Science

Amyotrophic lateral sclerosis (ALS) is a ruthless neurodegenerative disease of the human motor neuron system. Over the last few years, the field of ALS research has been revolutionized. Emerging themes root from extensive human genetics studies, which uncovered more than a dozen causative genes in different families and individuals and include dysfunction in RNA metabolism and protein homeostasis.

Furthermore, multiple-cell types seem to contribute to the pathology that was once thought to involve exclusively motor neurons. In the coming meeting, leading scientists will discuss the extraordinary progress in understanding the biology of ALS and accordingly, will address prospects for therapy.

25-26  
February  
2017

## SPEAKERS

**Simon Alberti**  
MPI

**Amit Berson**  
UPENN

**Vivian Drory**  
Tel-Aviv Sourasky Medical Center

**Eran Hornstein**  
Weizmann Institute of Science

**Adrian Israelson**  
Ben-Gurion University of the Negev

**Daniel Kaganovich**  
Hebrew University

**Steve Mcknight**  
UT southwestern

**Zevik Melamed**  
UC San Diego

**Dani Offen**  
Tel Aviv University

**Eran Perlson**  
Tel Aviv University

**Leonard Petrucelli**  
Mayo clinic

**Jeff Rothstein**  
Johns Hopkins University

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**Jernej Ule**  
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