

The ALS Association Greater Philadelphia Chapter – Approved 2016 Grants

Project	Applicant	Amount	Type	Institution
The goal of the NeuroLINCS project is to define in detail the molecular “signature” of cells in the central nervous system in both health and disease. NeuroLINCS is part of a larger effort, funded by the National Institutes of Health, called the Library of Integrated Network-based Cellular Signatures (LINCS).	Clive Svendsen Ph.D.; Steve Finkbeiner M.D., Ph.D.; Leslie Thompson; Jeffrey Rothstein, M.D., Ph.D.	\$ 100,000	Other	Cedar Sinai, CA; Gladstone Institute, CA; UC Irvine CA; Johns Hopkins University, MD
Continue development of a MuSK agonist antibody to promote maintenance of the neuromuscular junction in models of ALS.	Steve Burden	\$ 50,000	Other	New York University w/ Genentech
Limiting microglial-induced inflammation promotes neuronal survival	James Connor	\$ 40,000	2nd year	The Pennsylvania State University
Accelerating Drug Discovery for ALS	Melvin Reichman	\$ 40,000	2nd year	Lankenau Institute for Medical Research
Mechanism of cytoplasmic protein aggregation and neurodegeneration in Drosophila models of C9-ALS	Thomas Lloyd, MD, PhD	\$ 85,000	investigator initiated	Johns Hopkins University
Molecular Mechanisms of PABPN1-Mediated Suppression of TDP-43 Toxicity	Wilfried Rossoll, Dr.	\$ 85,000	investigator initiated	Emory University
Clinically-useful brain-machine interface control of a robotic prosthetic a,m by people with ALS	Sergey Stavisky, Dr.	\$ 50,000	Safenowitz Post- Doc	Stanford University
Linking impaired nucleocytoplasmic trafficking in C9orf72 ALS to altered nuclear pore complex O-linked N-acetylglucosamine (O-GlcNAc) looslranslational modifications	Amanda Gleixner. PhD	\$ 50,000	Safenowitz Post- Doc	University of Pittsburgh
Gene Therapy for Upper Airway Dysfunction and Respiratory Insufficiency in an ALS mouse model	Mai ElMallah, Dr.	\$ 50,000	Starter Grant	UMASS Medical School
High-throughput screening assay to identify small molecules that decrease transcription of the C9orf72 G4C2/G2C4 expansion	Kausiki Datta, Dr.	\$ 50,000	Starter Grant	University of Florida
Total Allocation		\$ 600,000		