Dr. Susan Slaugenhaupt

Scientific Director, Mass General Research Institute
Elizabeth Riley and Dan E. Smith, Jr. MGH Research Scholar
Professor of Neurology, Center for Human Genetic Research at Mass General Hospital and Harvard Medical School

Susan Slaugenhaupt

Susan Slaugenhaupt is a Professor of Neurology in the Center for Human Genetic Research at Massachusetts General Hospital and Harvard Medical School. Her research interests include the discovery and characterization of human disease genes and the role of mRNA splicing in human disease. Dr. Slaugenhaupt's current work focuses on two neurological disorders, familial dysautonomia (FD) and mucolipidosis type IV (MLIV), as well as the common cardiac disorder mitral valve prolapse (MVP). Discoveries in Sue's laboratory have led to the successful implementation of critical population screening for FD and MLIV, in addition to a clinical trial of the first therapeutic for FD that directly targets the molecular defect. Sue and her team have further developed a potential treatment for a genetic disease that directly targets the mRNA splicing mechanism. Given the frequency of splicing mutations, a genome-wide assessment of known mutations will ultimately allow for the development of a panel of drugs that can shift the ratio of mRNA isoforms as a means of treating human genetic disease.

“Treating mRNA splicing disorders using splice modulator compounds”

Wednesday, March 2, 2016
3:30
Foege Auditorium, S-060
WiGS hosted speaker

Refreshments served outside the Auditorium at 3:20pm

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Seminar website at http://www.gs.washington.edu/news/seminars.htm

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