

Center for Neurogenetics

The Center for NeuroGenetics (CNG) will integrate molecular, genetic and clinical approaches to define the causes of neurodegenerative disease and develop effective treatment strategies. Our goal is to advance our understanding of the causes of neurogenetic disease and develop opportunities for therapeutic intervention. To accomplish this we are using an integrated approach to understand the molecular mechanisms and common cellular pathways of neurological and neuromuscular disease. The Center combines valuable clinical and patient support with newly available tools for gene discovery with laboratory models that allow us to study of the effects of these mutations on the basic biology and function of neurons in the brain.

Areas of research focus include:

- Clinical Research
- Human Gene Discovery
- Mouse Behavior and Genetics
- Neuronal Function
- Neuroimaging