



Suzanne M. Leal, Ph.D.

Sergievsky Family Professor of Neurological Sciences
Director of the Center for Statistical Genetics
Columbia University, New York
Center for Statistical Genetics
Sergievsky Center
Taub Institute for Alzheimer's Disease
and the Aging Brain
Department of Neurology
630 W 168th St
New York, NY 10032
sml3@cumc.columbia.edu
suzannemleal@gmail.com

And

Senior Research Associate
The Rockefeller University
1230 York Avenue
New York, NY 10065
sleal@rockefeller.edu

<http://statgen.us/>

Research Interests

- Development of methods to analyze sequence and other omics data
 - Detection of interaction and pleiotropy
 - Extension of the polygenic risk score
 - Analysis of family data
 - Association and linkage analysis
- Software implementation of methods
 - SEQSpark
- Detection of main effects, interactions, and pleiotropy for complex traits using large scale data
 - Late-onset Alzheimer's disease
 - Age-related hearing impairment and tinnitus
 - Asthma
 - Adiposity
- Identification of genes and variants for Mendelian traits
 - Nonsyndromic hearing impairment
 - Intellectual disabilities
 - Skeletal disorders