

ALZHEIMER'S DISEASE GENETICS CONSORTIUM (ADGC) 10-YEAR SYMPOSIUM: Genetics and Genomics of Alzheimer's Disease and Related Dementia (ADRD)

The Alzheimer's Disease Genetics Consortium (ADGC) and the Penn Neurodegeneration Genomics Center (PNGC) will host a 2-day AD genetics symposium, coinciding with the ADGC 10-year anniversary. This novel event will focus on state of the art AD genetics and bring together leaders in genetics, from the US and abroad, and pharmaceutical and technology representatives.

The symposium will generate discussion to explore future possibilities, expand collaborative networks as well as highlight current resources to maximize use of the available tools and data. We hope to see you there!

This event is co-presented by the Alzheimer's Disease Genetics Consortium (ADGC), Penn Neurodegeneration Genomics Center (PNGC), and The National Institute on Aging Genetics of Alzheimer's Disease Data Storage Site (NIAGADS).

CONFIRMED SPEAKERS (PARTIAL LIST):

David Collier
Eli Lilly

Jean-Charles Lambert
European Alzheimer's Disease Initiative (EADI)

Eliezer Masliah
National Institute on Aging

Gerard Schellenberg
University of Pennsylvania

Virginia Lee
University of Pennsylvania

TOPICS:

Overview of AD Genetics Research and Funding

International Collaborations on Alzheimer's Genetics Research

Alzheimer's Genetics in Diverse Populations

Human Genetics/Genomics and Drug Discovery

Genetics Factors, Pleiotropy, Gene-Environment interactions, and Comorbidity

Functional Genomics

Systems Biology

**TUESDAY-WEDNESDAY,
November 12-13, 2019**

Inn at Penn, Philadelphia, PA

Register at www.penn-ngc.org/adgc-10-year-symposium today!
The symposium is FREE to attend but REGISTRATION is REQUIRED.

AAIC 2019 Recap

The NIAGADS team had a great experience at the Alzheimer's Association International Conference (AAIC) this year. AAIC took place in Los Angeles from July 12-17. Penn Neurodegeneration Genomics Center (PNGC) presented four posters during the conference and NIAGADS exhibited for the first time. We were able to connect with a number of collaborators and met researchers that are interested in the data we host and share. Having a booth at the conference was a great opportunity to share NIAGADS with the research community!



New Datasets available at <https://www.niagads.org/datasets>

NIAGADS has added a number of new datasets, bringing the total number of datasets in NIAGADS to 61, with over 59,000 samples and 33 billion genotypes.

NG00084

Immune-related genetic enrichment in FTD summary statistics –
Broce et al. 2018

NG00074

Multi-cohort study of endolysosomal system genetics and dementia

New Website for Alzheimer's Machine Learning Research: Cognitive Systems Analysis of Alzheimer's Disease Genetic and Phenotypic Data

The NIH has announced a new funding opportunity (PAR-19-269) inviting applications around artificial intelligence (AI), machine learning (ML), and/or Deep Learning (DL) approaches that identify gene variants that contribute to risk of or protection against Alzheimer's disease and related dementias (ADRD). NIAGADS has developed a website that provides more background on the FOA, details the ADSP and

available data, describes the NIAGADS Data Sharing Service (DSS) platform, and provides information on how to participate. You can access the website here: <http://csa-ad.niagads.org/>.

Submissions for the FOA opened on September 5, 2019, and applications are due on October 5, 2019.