EXPLORE AD DATA AND RESOURCES USING THE AD KNOWLEDGE PORTAL ECOSYSTEM

Friday, July 14, 2023 | 1-5 p.m.
Novotel Amsterdam City (Calla 1-3) — Amsterdam, Netherlands
All times are in Central European Time
In-person attendance only

Overview

Join us for an immersion workshop that will introduce the AD Knowledge Portal and Agora, two sites for exploring multi-omic data and results for Alzheimer's disease. The workshop will provide an overview of the AD Knowledge Portal infrastructure, how to find data of interest, and how to download and prepare data for downstream analyses. We will also present an overview of three complementary results explorers: Agora, AD Atlas, and Model AD Explorer.

The lecture and demo will be followed by an optional hands-on session in which users will have an opportunity to practice what they've learned and get 1:1 help with the Portal, Agora, AD Atlas, and Model AD Explorer.

Learning Objectives

- Be able to search for data in the AD Knowledge Portal.
- Understand metadata and how to combine it with data in the Portal.
- Be able to download data into R studio for downstream visualization and analysis.
- Be able to explore curated AD omics results using Agora, AD Atlas and Model AD Explorer.

Organizing Committee

- Anna Greenwood, Sage Bionetworks
- Zoë Leanza, Sage Bionetworks

Target Audience

Sessions 1 and 2: Any researcher interested in better understanding how to find and explore molecular and other omic data to enable their research AD. A basic understanding of bioinformatics data types will be helpful, but no additional technical or statistical skills are necessary.

Session 3: Researchers wishing to participate in Session 3 will need a laptop and access to R studio. Basic understanding of data manipulation using Python and R will be beneficial.

Registration

The program for this workshop was jointly developed by the National Institute on Aging and the Alzheimer's Association. Registration for this workshop is managed and coordinated solely by the Alzheimer's Association, and none of the registration fees will be shared with the National Institute on Aging. If you have any questions regarding registration, please contact the Alzheimer's Association.

Educational workshops are offered for in-person attendance only. Workshops require a separate registration fee in addition to AAIC full conference registration, or they may be purchased as stand-alone events.

Register today to attend the Explore AD Data and Resources Using the AD Knowledge Portal Ecosystem.

Agenda

Time	Session Details	Speakers and Moderators
noon-1 p.m.	**Lunch**	
1-2 p.m.	**Session 1: AD Knowledge Portal** ● Overview of the AD Knowledge Portal ● Understanding Metadata ● Finding Data Using the Explore Data Feature ● Downloading Data in Bulk	Moderator: Zoë Leanza Speaker: Abby Vander Linden
2-2:15 p.m.	**Break**	
2:15-3:15 p.m.	**Session 2: Results Explorer** ● Agora demo ● AD Atlas demo ● Model AD Explorer demo	Moderator: Zoë Leanza Speakers: Jessica Britton, Matthias Arnold and Anna Greenwood

3:15-3:30 p.m.	**Break**	
3:30-5 p.m.	**Session 3: Technical Demo and Hands-On Troubleshooting** ● Working with AD Portal Data in RStudio ● Preparing Data for Downstream Analysis ● Hands-On Troubleshooting	Moderator: Zoë Leanza Speakers: Laura Heath Facilitators: Abby Vander Linden, Laura Heath, Jessica Britton, Asli Uyar and Anna Greenwood