

**Team:** Biomni-AD

**Project:** Biomni-AD: A General-Purpose AI Co-Scientist with Unified Alzheimer's Data Integration

**Stage:** Prototype release

## Project Summary

Biomni-AD is an open-source, general-purpose biomedical AI Co-Scientist specialized for AD research. Biomni-AD integrates expert-curated AD omics, single-cell, biomarker, and clinical multi-modal data into a unified "AD datalake". Based on each user's scientific question, the agent autonomously plans and executes reproducible code workflows using its 150+ bioinformatics tools, 60+ databases, and 32 AD datasets. Biomni-AD will provide a wide range of AD researchers a high-speed engine to accelerate progress in gene discovery, biomarker validation, and therapeutic development.

## Team Members

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## Organizations



Shift**bioscience**



## Presenters



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