Alzheimer's Insights AI Prize | Accelerating Discovery with Agentic Intelligence

Team: Aletheia

Project: Agentic AI Platform for Alzheimer's Disease Drug Discovery

Stage: Prototype in development

Project Summary

ADRD multimodal data analysis and integration is difficult due to its complex nature. Proper analysis of these data requires extensive subject matter expertise, resources, and time. To address this gap, we will develop the first agentic AI for ADRD that is anchored by a curated ADRD knowledge base that we will construct, comprising authoritative ADRD criteria and paired image-text exemplars, sourced from textbooks, high-impact peer-reviewed journals, and trusted clinical websites.

Team Members

Kun Huang, Yijie Wang, Travis Johnson, Tim Richardson, Jeff Dage, Yiyu Shi, Shuqing Wu, Xueyang Li

Organizations

Presenters

Yiyu Shi
Professor of Computer Science and Engineering, University of Notre Dame

Travis S. Johnson
Asst Professor, Indiana University School of Medicine; Director of Bioinformatics, Indiana Biosciences Research Institute