

Team: Fingerprint

Project: Decoding Precision Signatures in Alzheimer's with Agentic AI - Optimal Therapeutic Strategy and Multidomain Intervention Guidance

Stage: Prototype in development

Project Summary

FINGERPRINT is an agentic AI platform that unifies genomics, proteomics, metagenomics, and global prevention data from the WW-FINGERS network (72 countries, 40+ trials) into a single reasoning engine for Alzheimer's biology. Powered by a 7B-parameter foundation model, the Thinking Microscope classifier, and an AlphaFold-GNINA-DiffDock design stack, it identifies mechanistic drivers, delivers BBB-ready therapeutic candidates, and generates personalized multidomain prevention plans through a federated, privacy-preserving architecture that produces FAIR objects compatible with the AD Workbench and scalable across globally representative populations, building an ethically-governed global infrastructure for accelerated Alzheimer's discovery.

Team Members

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Organizations



Presenters



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