

Study Examples

In Scope

- Examining a ketogenic diet on improving cardiovascular health and decreasing cognitive impairment associated with AD.
- Studying the combination of a statin and physical activity to lower the risk of cardiovascular disease and prevent/delay of MCI/AD.
- How to best administer an exercise intervention to improve motor movements of PD patients.
- Developing a dietary regimen that influences the gut-brain axis towards improved cognitive function in at-risk dementia patients.
- Testing a novel probiotic or live biotherapeutic therapy that modifies the microbiota towards reducing PD pathology.
- Testing a novel sleep regimen on the microbiome and improving the outcomes of PD patients.
- Testing the impact of the microbiome on neuropathic pain.

Out of Scope

- Testing a small molecule therapeutic on reducing A β load and improving cognitive outcomes in AD patients.
- Developing a novel PET imaging tracer to monitor the progression of FTD.
- Developing a small molecule for targeting specific members of the microbiota associated with cognitive function.
- Studying the impact of the microbiome on global inflammation without a clear corollary to brain health and cognitive function.
- Testing a novel exercise regimen on the progression of Multiple Sclerosis.