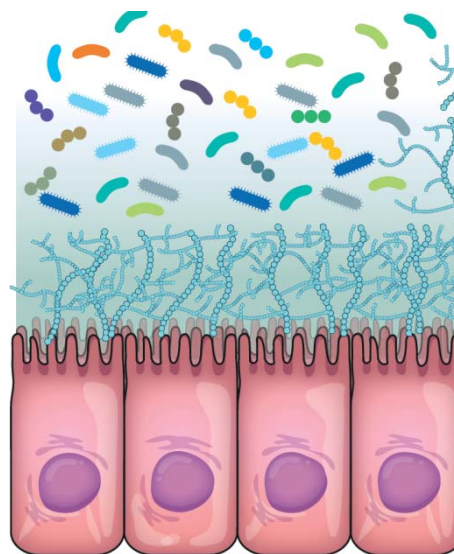


Doctoral Thesis Topics

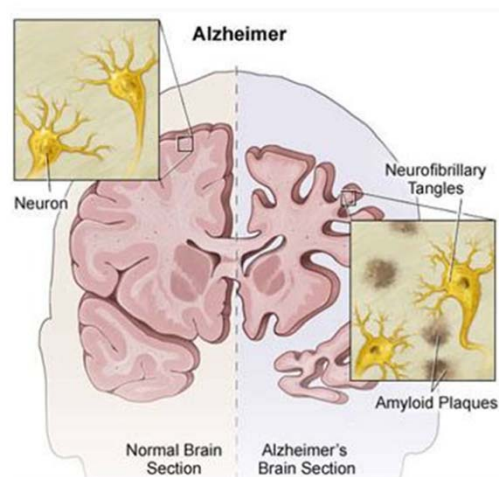
Metabolic and protein biomarkers associated with gut microbiota

- Study of interactions between the intestinal microflora and the metabolic pathways of the human host
- Metabolomics and targeted proteomics used to profile biomarkers
- Advanced analytics based on mass spectrometry (MS)



Characterization of lipid biomarkers of Alzheimer's disease

- Alzheimer's disease is the most common cause of dementia
- Pathogenesis and treatment for Alzheimer's disease remains elusive
- Mass spectrometry-based characterization of lipids and proteins involved in pathogenesis



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