

Identification of molecular and cellular dysfunction in insulin pathway: potential biomarkers for AD and metabolic diseases targeting therapies.

Cellular and Molecular Dysfunctions

Validation of molecules and organelles target to develop diagnostic and therapeutic strategies. Rescuing of damaged mitochondria by mitochondrial transplantation

Pharmaceutical company

Metabolic Disorders

Alzheimer's disease

Mitochondrial dysfunction

Nutraceutical company

Diet and neuro-degeneration

Recognition of bioactive molecules and functional food beneficial effect for neurodegeneration induced by obesity and aging. Potential use for prevention and therapy.

To study antioxidant and anti-inflammatory effect of natural molecules on neurodegeneration