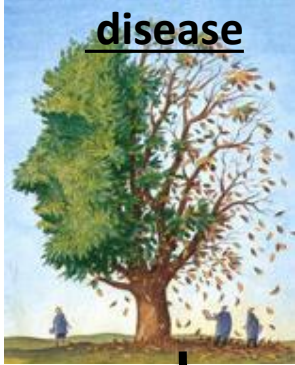


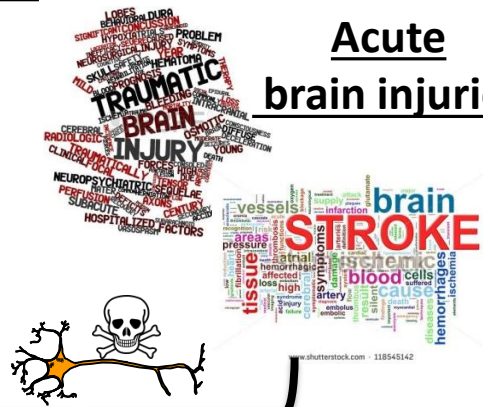
Main research topic

Role of extracellular vesicle (EVs) in mediating CXCL16 neuroprotective effects acting on microglia and astrocytes

Neurodegenerative disease



Acute brain injuries



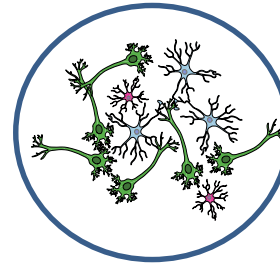
GLUTAMATE EXCITOTOXICITY

NEUROINFLAMMATION

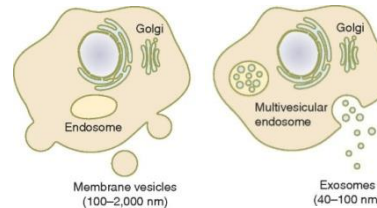
We have found that **CXCL16 is a neuroprotective molecules** reducing glutamate excitotoxicity and microglia inflammatory polarization



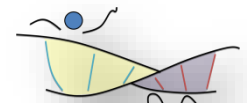
Mouse models



Cells biology

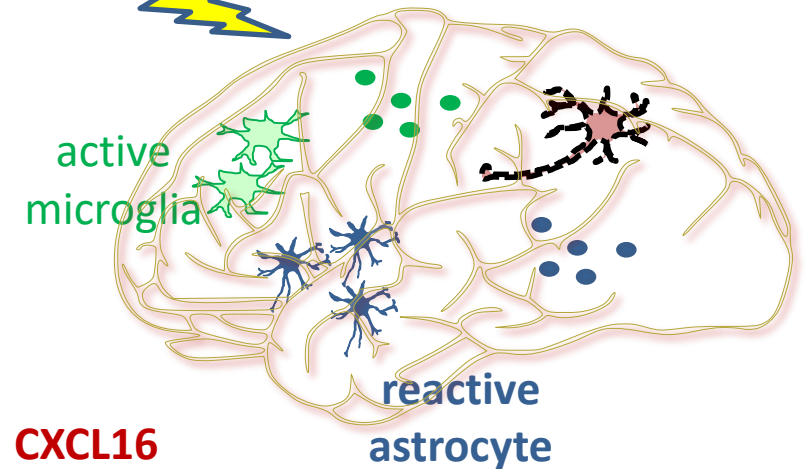


EVs isolation



Molecular analysis

Brain damage



CXCL16

reactive astrocyte



Astrocyte EVs

Microglia EVs

