Dottorato di ricerca in Scienze Veterinarie [XXXVIII] CICLO - Anno di corso: [1°]

Dott. Lorenzo Zanella Curriculum: Scienze di base

Cosupervisor(s): Luciana Giardino



Preclinical phase of Alzheimer's disease: possible risk factors studied in animal models of disease

Objective Role of risk factors on the acceleration of the natural history of Alzheimer's disease

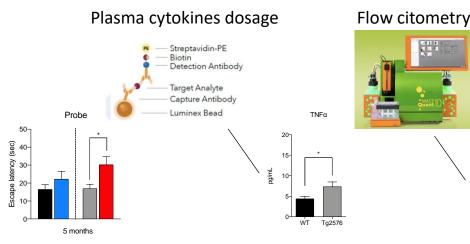
Material and Methods

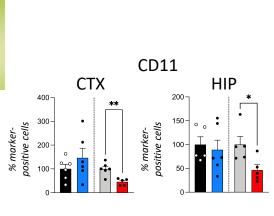
Supervisor: Luca Lorenzini

Morris water maze

4 months

World Journal of Gastroenterology





Conclusions

Results

Systemic inflammation seems to accelerate the typical symptoms of Alzheimer's disease in Tg2576 mouse model and to induce **neuroinflammation**

Future proposal Investigate the expression pattern related to neuroinflammation Study neuropathological alterations using three-dimensional microscopy

References Giuliani A. et al; (2019). Age-Related Changes of the Neurovascular Unit in the Cerebral Cortex of Alzheimer Disease Mouse Models: A Neuroanatomical and Molecular Study. Journal of Neuropathology & Experimental Neurology De Fazio Luigia et al; (2014). Longitudinal analysis of inflammation and microbiota dynamics in a model of mild chronic dextran sulfate sodium-induced colitis in mice

