

Division of Medical Sciences

Seminar Series

2023 – 2024

Glia-Neuronal interactions in neuroinflammation and neurodegeneration

Neuroinflammation is the complex response coordinated by microglia and astrocytes, the brain's glial cells, to defend the brain and spinal cord against pathogens, respond to tissue damage or irritants and to effect repair. Microglia are typically the first responders in the brain, inducing subsequent reactivity in astrocytes.

Dr. MacVicar will describe research from his lab investigating the interactions between microglia and astrocytes and how these glial changes can both contribute to neurodegeneration and oxidative stress but under some circumstances can also lead to neuroprotection.



Dr. Brian MacVicar

Djavad Mowafaghian Centre for Brain Health
Canada Research Chair in Neuroscience
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**University
of Victoria**
Medical Sciences

Date: September 8, 2023
Time: 1:30 pm
Location: MSB 150