Course Description

This course is a wide-ranging exploration of the role of neuroinflammation in disease. We will begin with an introduction covering the unique aspects of inflammation in the nervous system, including the different cell types involved, the role of the blood-brain barrier, and the concept of immune privilege. We will then have a series of lectures exploring neuroinflammation in a variety of disease states. These will include both diseases where inflammation has an expected and obvious role, such as infections and autoimmune diseases, and also diseases where the contribution of inflammation is unexpected or less obvious, such as degenerative diseases, trauma, stroke, and psychiatric illness. We will also discuss possible beneficial effects of inflammation. A highlight of the course will be a lecture by Dr. Sergio Baranzini from UCSF covering the role of inflammation in CNS autoimmunity as demonstrated with proteomic, RNA expression, and genomic methods.

This course is open to graduate students, medical students, residents and postdoctoral fellows.

Lecture Time and Location

Mondays, 12:00 p.m. – 1:00 p.m.
McGovern Medical School at UTHealth  MSB 7.037

Course Requirements: Attendance and Completion of final essay

Course Contacts:
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