



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Neuroinflammation

2122-90R-MOD4

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#### Aims

Explain how the immune system and cellular brain components contribute to neurological disease

#### Contents

In this course, the diverse and complex interactions between the brain and the immune system from the perspective of current, cutting-edge research papers will be explored.

#### Detailed program

The course will provide an extensive knowledge of the role of inflammation in nervous system health and disease. Inflammation is involved in many central nervous system (CNS)-regulated physiological processes (including energy balance, sleep, memory and synaptic plasticity), and is a key host defence response to acute and chronic peripheral and central disorders.

Research into neuroinflammation is a major field that aims to develop new therapeutic interventions to treat all major nervous system disorders including stroke, brain trauma, epilepsy, Alzheimer's disease and neuropathies.

**Prerequisites**

None

**Teaching form**

NeuroInflammation Seminars

**Textbook and teaching resource**

Seminar's Presentations

**Semester**

September 2022

**Assessment method**

Each student will prepare a presentation based on a recent topic research papers. Critical reading and presentation skills will be evaluated.

**Office hours**

By e-mail appointment .

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