Conférence

CRCHUM

Université de Montréal

AXE NEUROSCIENCES

CONFÉRENCIER

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Neurovascular Interactions Across Space and Time

The talk will cover recent research on neurovascular coupling, which is essential for brain health and forms the basis of non-invasive brain imaging. Specifically, the speaker will discuss the complex spatial-temporal regulation of this process in relation to the functional architecture of neural circuits. The presentation will highlight two recent studies: one involving multi-scale imaging to investigate the spatial relationship between brain activity and hemodynamics during sensory processing, and the other focusing on the cellular mechanisms regulating Ca2+ signaling in brain mid-capillary pericytes. These studies provide important insights into the fundamental mechanisms of neuro-glia-vascular communication in the brain.

Le mardi 9 mai à 9 h
Heure avancée de l'Est (États-Unis et Canada)

CHUM
Salle A.01.9209A/B
Pavillon A
1000 rue Saint-Denis
Montréal (QC)

L'AUDACE DE CHERCHER PLUS LOIN

Séminaire organisé par Ciaran Murphy-Royal
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