

## AXE NEUROSCIENCES

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### ***Genetic white matter diseases mimicking inflammatory disorders: shared phenotypes and pathophysiological mechanisms***

Genetic leukoencephalopathies are considered rare in adult patients. However, our experience and scientific evidence suggests that there is a larger than expected number of adult subjects with genetic white matter disorders that currently remain without a final molecular diagnosis or are misdiagnosed. Our work focuses on identifying novel genetic entities in adult patients presenting with white matter abnormalities. The clinical and radiological overlap with acquired demyelinating disorders represents another major challenge in the diagnostic process of adult genetic leukoencephalopathies. Interestingly, the study of shared pathophysiological mechanism between hereditary white matter diseases such as microgliopathies and acquired inflammatory conditions can increase our understanding of both disease entities and uncover novel facets of glial cell biology.

**Le vendredi 11 avril 12 h à 13 h**

**Amphithéâtre CRCHUM - Pavillon R - R05.212**

900 rue Saint-Denis  
Montréal (QC) H2X 0A9

Lien Zoom :

<https://us06web.zoom.us/j/87951602323?pwd=8vCNE4cSCAyaxDQ88ZPugQ1fNISI21.1>

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L'AUDACE DE  
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PLUS LOIN