

AXE NEUROSCIENCES

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Functional Genomics of rare diseases using zebrafish: toward precision medicine.

There are more than 8,000 rare diseases, and although advances in genome sequencing make it possible to identify more and more genetic causes, the underlying mechanisms remain unclear. However, understanding these pathogenic mechanisms is crucial to initiate therapeutic development strategies. Our laboratory uses zebrafish as a model to (i) establish the pathogenicity of genetic variants identified in undiagnosed patients, (ii) dissect the underlying pathogenic molecular mechanisms, and (iii) develop therapeutic approaches. precision. During this conference, we will illustrate how our work help meet these unmet medical needs in the context of rare genetic diseases such as epileptic encephalopathy or neurometabolic disorders.

Le vendredi 19 janvier 12 h à 13 h

Amphithéâtre Pierre-Péladeau

1050 rue Saint-Denis
Montréal (QC) H2X 3J4

Lien Zoom :

<https://umontreal.zoom.us/j/83422533892?pwd=eUgwMW8xRnlOOHJVcmhMaW9BVWZ2QT09>

ID de réunion: 834 2253 3892

Code secret: 728904

L'AUDACE DE
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PLUS LOIN

Séminaire organisé par Nicole Leclerc

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