

Faculté de pharmacie

Université 
de Montréal

Séminaire

The adaptive transcriptome: epigenetic control of isoform reprogramming in cellular plasticity

Kathleen Watt

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Salle 2199 du pavillon Jean-Coutu

[Lien Zoom](#)

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Dr. Kathleen Watt completed her PhD in Biochemistry at Queen's University under the supervision of Dr. Andrew Craig, where she investigated the role of microRNAs in metastatic cancers. She is currently a Postdoctoral Fellow in the group of Dr. Ola Larsson at Karolinska Institutet in Stockholm, co-supervised by Dr. Lynne-Marie Postovit (Queen's University), where she spearheaded a collaborative project focused on the coordination of adaptive gene expression programs in hypoxia. Her ongoing research takes an mRNA-centric perspective to understand the mechanisms driving cellular plasticity. By integrating molecular biology and computational approaches, Dr. Watt aims to dissect the regulatory networks governing isoform-level control of adaptive gene expression programs in cancer and aging.