

Department of Physiology and Pathophysiology  
Endocrine and Metabolic Disease (EMD) Division  
presents

# EMD Seminars: Winter 2021



## Dr. Masha Prager-Khoutorsky

Assistant Professor  
Department of Physiology  
McGill University

Dr. Prager-Khoutorsky received her PhD from the Hebrew University of Jerusalem, Israel, where she investigated the interplay between cytoskeleton and endo/exocytosis under normal conditions and during axonal regeneration. For her first postdoctoralship at the Weizmann Institute, Israel, she studied cytoskeletal and signaling mechanisms of mechanotransduction in non-neuronal cells. For the second postdoctoralship in the laboratory of Dr. Charles Bourque at McGill, she investigated the cellular mechanisms underlying another form of mechanotransduction – osmosensation. She studied the interplay between cytoskeleton and mechanosensitive channels in regulating the activity of hypothalamic osmosensory neurons. In 2017, she was recruited by the Department of Physiology at McGill University, where she studied the role of neurons and glial cells in the regulation of hypothalamic circuits in physiological and pathological conditions.

Seminar topic:

## The role of brain mechanisms in detecting blood sodium in health and salt-dependent hypertension

Friday, February 05, 2021 | 11.00 am CST

Join ZOOM meeting:

<https://us02web.zoom.us/j/81576383576?pwd=eldhT0xmNFFPMzITb2JKa0I2Smh2QT09>

Meeting ID: 815 7638 3576

Passcode: 751721

