



Spinal Cord Research Centre

JOURNAL CLUB 2025

Invited External Speaker

Martha Bagnall, PhD

Associate Professor,
Department of Neuroscience,
Washington University, USA

" Longitudinal spinal circuits for motor control"



Friday, March 17th, 2025

12pm – 1pm

Room 405 Brodie Centre

Zoom meeting:

<https://umanitoba.zoom.us/j/63205093632?pwd=lcKPZiH33CSE7Ct6SQqFuVTic9URxA.1>

Meeting ID: 632 0509 3632

Passcode: 944328

Researcher Profile:

During graduate school in neuroscience at UC San Diego, Martha Bagnall worked with Sascha du Lac at the Salk Institute. There she studied intrinsic, synaptic, and circuit function in the mouse vestibular brainstem and cerebellum. During a postdoctoral position with Massimo Scanziani, she mapped the thalamic projection to inhibitory neurons in barrel cortex. Next, with David McLean at Northwestern University, she found that the spinal circuit in zebrafish contains parallel but distinct premotor pathways for independent control of dorsal and ventral musculature. The Bagnall lab at Washington University studies motor and postural circuits in zebrafish.

All are Welcome to Attend

For more information and zoom problems please contact Dr. Katinka Stecina,
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