



# Manitoba Neuroscience Network

Friday, May 27th, 2011 | 9:00 - 10:00 am



## Dr. Gilbert Kirouac

Associate Professor

Department of Oral Biology

Faculty of Dentistry, University of Manitoba

**TOPIC: “Role of the midline thalamus in emotional arousal”.**

**Location: 360 Helen Glass Bldg. (video-linked to Theatre “B”)**

**Dr. Kirouac’s** laboratory is interested in the brain mechanisms that regulate emotions and motivation. They use a combination of tract tracing and immunohistochemistry to identify anatomical connections; in vivo electrophysiology to measure neuron activity; in vivo voltametry to measure neurotransmitter release; and neuropharmacology combined with behavioral tests to understand functional mechanism involved in emotional behavior. His seminar will discuss the emerging role for the paraventricular nucleus of the midline thalamus in the regulation of emotional arousal and negative emotional states following a painful and fear-inducing experience. The possible implications of this research for the development of novel drug treatments for post traumatic stress disorder will also be presented.

For more information, contact the MNN Office at  
(T) 235.3939 or email: [mnn@sbrc.ca](mailto:mnn@sbrc.ca)

Presented in co-operation with University of Manitoba  
Clinical Neuroscience Rounds

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