



6th Molecular Biochemistry Seminar 第6回分子生命化学セミナー

Prof. Mike Strauss

Department of Biochemistry and Molecular Medicine
and Institut Courtois d'Innovation Biomédicale,
Université de Montréal

My sample will burn.
A beam cannot be too bright.
My life in EM.

The electron beam of an electron microscope interacts with biological specimen in destructive ways. Using a very bright electron beam, and a very dim beam, Professor Strauss will highlight two very different imaging modalities (electron spectroscopic imaging and cryoEM) to explore two biological systems - chromatin organisation and picornaviral cell entry. In the process, we will see how we can tailor the experimental setup to answer specific questions, and best utilise the information content available from the electron microscope.

July 17th, 2026 15:00-16:30

@room N-308, Science bldg. #1

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