



Université de Montréal, Montréal, QC, Canada

THIRD INTERNATIONAL SYMPOSIUM
ON C-H ACTIVATION

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IL13 – Complex Alkaloid Total Synthesis

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Several representative enantioselective alkaloid total syntheses and related methodologies will be discussed. The focus of this research program is the development of new synthetic strategies for rapid generation of molecular complexity guided by biogenetic considerations. These syntheses feature new stereo- and chemoselective reactions that enable maximum use of the inherent chemistry of key intermediates. Examples involving strategic C–H functionalization in complex settings will be discussed.

