



DR. ALAIN NEPVEU

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BIOGRAPHY: Dr. Alain Nepveu obtained his B.Sc. and M.Sc. in microbiology from the Université de Montréal and his Ph.D. from the Université de Sherbrooke. He performed postdoctoral work in Stony Brook, New York, where he used the MYC oncogene as a model to establish that gene expression in mammalian cells is regulated in large part at the level of transcription elongation. He joined the Ludwig Institute for Cancer Research in Montreal and then McGill University where he currently holds the rank of Full Professor in the departments of Oncology, Biochemistry and Medicine. His laboratory is part of the Goodman Cancer Research Centre within the Life Sciences Complex at McGill. Dr. Nepveu's group currently investigates how alterations in DNA repair and DNA damage responses contribute to the initiation and progression of cancer, how certain cancer cells become dependent on base excision repair, and how efficient DNA repair mechanisms can enable cancer cells to resist radiotherapy and chemotherapy. One goal is to identify "druggable" biochemical activities that are essential to cancer cells but dispensable to normal cells, in order to develop novel therapeutics that will sensitize cancer cells to treatments while causing no or minimal adverse effects.

PRESENTATION TITLE: *Validation of a Therapeutic Target and Development of a High-Throughput Screen to Identify CUT Domain Inhibitors*