



DR. JIAN HUI WU

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BIOGRAPHY: Dr. Wu is an Associate Professor (tenured) at McGill University and Senior Investigator at the Lady Davis Institute. His expertise involves structure-based drug design, computational biology and organic chemistry. Dr. Wu's research focuses on: 1) structure-based identification of novel small molecules that circumvent drug resistance due to mutation in drug targets, and small molecules that modulate protein-protein interactions; and 2) the development of methods in computational biology and chemistry.

Dr. Wu's laboratory is interested in discovery of novel chemical compounds as modulators of cancer targets, such as androgen receptor and its splice variant AR-V7, KRAS mutants, GATA2, Sting, Keap1-Nrf2, etc. Dr. Wu's research focuses on: 1) Development of novel compounds for overcoming drug resistance due to mutations in drug target; 2) Development of novel small-molecule modulators as cancer immunotherapy; and 3) Development of methods in computational biology and chemistry.

PRESENTATION TITLE: *Discovery of Novel Compounds Targeting the N-terminal Domain of the Androgen Receptor for Castration-Resistant Prostate Cancer*