manitoba neuroscience network

Targeting resistant glioblastoma multiforme (rGBM) through suppression of overactive DNA repair activity

SEMINAR & VISITING SPEAKER SERIES

DATE
Friday, April 27, 2018
9:00am

LOCATION
PX236/238
Psychealth Building

SPEAKER

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Assistant Professor, Department of Pharmacology and Therapeutics
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Senior Scientist, Research Institute in Oncology and Hematology (formerly MICB)
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Objectives:

1. To understand the function of DNA damage repair pathways during neurodevelopment.

2. To identify biochemical (DNA repair) mechanisms that cancerous cells use to mitigate the effectiveness of chemotherapeutics in neural tumours.

3. To describe new high-throughput DNA damage analysis methodology.

4. To functionalize this methodology into a novel drug screening and DNA damage analysis platform to interrogate tumour chemoresistance and to develop personalized "quick-to-clinic" anti-GBM treatments via drug repurposing studies.

For more information:

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