



BiophysTO Lunchtime Seminar Series

Date

**Thursday, Oct 15 2020
12:00 – 1:00 pm**

Dr. Matthieu Schapira

Dept of Pharmacology & Toxicology,
University of Toronto

Chemical probes for all human proteins: an impossible project?

Chemical probes are drug-like molecules that potently and selectively modulate the activity of proteins in cell-based assays and can be used as tools to explore the druggable genome and discover therapeutic targets. To enable research on the dark proteome, a novel initiative is calling for the discovery of chemical probes for all human proteins by year 2035. I will briefly outline the why and what of this large-scale initiative, and present the discovery at the Structural Genomics Consortium of chemical probes against two proteins involved in epigenetic mechanisms: WDR5 and NSD2.

Host: Andrea Guljas

Zoom Link:

<https://us02web.zoom.us/j/89269805722?pwd=TXY5NTgyM0FrNjBIR3RxdEEExaC9mZz09>



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