

Biology Seminar



Western
UNIVERSITY · CANADA

12:30 - 1:30 pm
Friday, February 4, 2022
Via ZOOM



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Institute for Systems Biology

The 2022 Irene Uchida Lecture

Cancer Patient Digital Twins

I will describe our efforts toward building the Cancer Patient Digital Twin (CPDT), which is envisioned to have a real-time, dynamic life cycle with multiscale/multimodal data harmonization and integrated model training and inference. Advanced computing will be used to create and explore mathematical, statistical, mechanistic and AI models. CPDT predictions based on virtual experiments will be integrated into medical workflows for patient decision making and continuous learning.

