



Special Seminar

DSICCR and SBMI Weekly Research

Tuesday, October 11th, 1pm-2pm, UCT SBMI New Expansion E.614

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Mobilizing Computable Biomedical Knowledge: An Imperative for Learning Health Systems

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Contemporary information technology makes it possible to represent biomedical knowledge in two ways: human readable in words, symbols, and figures; and machine readable in executable code. We can call the latter "computable knowledge". Human readable knowledge can support discovery; but computable knowledge is required to support Learning Health Systems that enable health improvement at scale. This presentation will introduce the concept of computable knowledge; the socio-technical infrastructure to support it; and a growing, now global, movement to realize an ecosystem of "FAIR" and trusted computable knowledge.

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