

Project Title	The Quebec SmartCare Consortium
Principal Investigator	John Kildea
Principal Institution	Research Institute of the McGill University Health Centre
Summary	
<p>A major shortcoming of the Quebec health care system is the limited access of patients to their medical data and the difficulty to communicate their medical conditions, symptoms and treatment results through a direct patient-physician communication tool. This causes an overload of patients for hospitals whose visit or hospitalization is not necessary. In addition, patients' reports of their symptoms and treatment outcomes are not recorded. This is valuable data that could be used by researchers to determine or predict treatment effectiveness. As part of this project, the Quebec Consortium for Intelligent Care will be created. Its objective will be to put patients at the heart of their data in order to ultimately transform the healthcare system in Quebec into a patient-centered, more efficient and more accurate system.</p> <p>The Quebec Intelligent Healthcare Consortium is led by the Opal-Santé Informatics Group at the Research Institute of the McGill University Health Centre (MUHC) and includes complementary and synergistic partners. Pharmaceutical leader Hoffman La-Roche will provide significant support in the form of expertise, exposure to its network of Canadian and international partners, and co-funding. Quebec-based SMEs VitalTracer and iMD Research (wearable patient monitoring devices), Phyla Technologies (microbiome measurement and analysis), My Intelligent Machines and Imagia Cybernetics (AI and predictive models) will make in-kind contributions and in return receive "real world" validation of their products in clinical settings. Pharmaceutical company Novartis is also a partner and will provide expertise in AI and patient-reported outcomes, as well as exposure to its global network.</p> <p>Institutional partners include the Transdisciplinary Centre for Biological Therapies (MUHC), CHU Ste-Justine and Ste-Justine Research Centre, the Centre of Genomics and Policy of McGill University, and the Mila AI Research Institute. Finally, the MUHC Foundation and the Cedars Cancer Foundation will provide significant support, in line with their mission to support patient-centred care and research.</p> <p>Over the course of this three-year project, the partners of the Quebec Consortium for Smart Care will demonstrate the power of their SmartCare tool and pave the way towards a more digital and patient-centered healthcare system.</p>	