



Catherine Marchand, Ph. D.

Senior Advisor, Innovation & Project Management

Catherine cumulates 15 years of experience in research & development (university and industry). She defines herself as a creative scientist who has the ability to make connections between basic research and clinical applications to meet new clinical needs.

In 2010, Catherine received her PhD in biomedical engineering from Polytechnique Montréal (*in vivo* project on cartilage and bone repair using the BST-CarGel® medical device). In 2005, she obtained her master's degree in pharmacology from the Université de Montréal / Montreal Heart Institute (*in vitro* project on genetically modified cell). During her academic career she gained a wealth of knowledge in research. She also presented her work (poster and podium) at 13 national and international conferences where she won 1st place in scientific poster competitions three times.

Following her studies, Catherine worked for 5 years as a preclinical research scientist at Piramal Healthcare, Bio-Orthopedic Division. She was responsible for the design, production and writing of reports for a number of BST-CarGel® product verification studies required to obtain CE markings and Health Canada approvals. This work experience at Piramal Healthcare has allowed her to become familiar with several aspects of the marketing and regulatory processes of medical implants (ISO13485), to participate in the implementation and management of a design dossier, and to understand the complexity of production stages, factory transfer and distribution logistics by country.