

Dr. Carlos Telleria, PhD

Dr. Telleria is a reproductive endocrinologist whose research focuses on understanding the molecular mechanisms driving the physio-pathology of reproductive-related tissues. Dr. Telleria received his doctoral training from the National Council for Scientific and Technical Research (Conicet) of Argentina, and acquired postdoctoral expertise at the Department of Physiology, College of Medicine of the University of Illinois at Chicago before navigating the academic ranks at the Division of Biomedical Sciences of the Sanford School of Medicine of the University of South Dakota. During his years as an academic researcher at the University of South Dakota, Dr. Telleria mentored several undergraduate and graduate students, and received various awards for research and teaching excellence. He joined McGill as a Professor in 2015 and became the director of the Experimental Pathology Unit (EPU) in the Departments of Pathology at McGill two years after. Dr. Telleria is currently member of the editorial board of various peer review scientific journals, including *Hormones and Cancer*, *PLoS One*, *Oncology Reports*, *Biology of Reproduction*, *Reproductive Biology and Endocrinology*, and *Cancer Growth and Metastasis*.



Research Interests

The primary research interest in Dr. Telleria's laboratory is in the field of ovarian cancer biology and preclinical therapy. The overall approach in Dr. Telleria's lab is to develop new potential treatments for this disease. The time between remission and recurrence can be exploited by using a chronic intervention to maintain residual ovarian cancer cells, which had escaped initial therapy, in a non-proliferative or dormant status, and/or prevent their awakening. Within this scope, current investigations are tailored to understand the pathobiology of ovarian cancer within the microenvironment of the peritoneal cavity, to study the molecular mechanisms driving dormancy of cancer cells that had survived chemotherapy, and to exploit protein homeostasis to develop therapies for non-dividing cancer cells.

For a list of selected publications please visit the Faculty webpage at:

<https://www.mcgill.ca/pathology/faculty>
