

Dr. Abby Collier

Originally from New Zealand, Dr. Collier holds both a BSc and PhD in pharmacology from the University of Auckland Medical School. After a postdoctoral fellowship with Professor Chris Pritsos at the University of Nevada, Dr. Collier was an assistant professor, then associate professor at the University of Hawaii Medical School. A member of the Faculty of Pharmaceutical Sciences at UBC since 2013, Dr. Collier is Professor of Drug Metabolism and Pharmacokinetics, teaches pharmacology and toxicology to undergraduate, graduate, pharmacy and medical students, maintains an active and well-funded research lab, and directs the new undergraduate BPSc degree program.

The winner of the 2021 Center for Alternatives to Animal Testing (CAAT) Award (biennial, world-wide) in recognition of Dr. Collier's scientific research leading the field "to reduce, refine and replace animal use". She uses a combination of laboratory work and computer modeling to improve drug/chemical safety and efficacy. Along with her collaborators, she also performs research, teaches and publishes regularly in the fields of human and environmental toxicology, reproduction and endocrinology, including prostate cancer.