



EXCELLENCE IN GENETICS & IMMUNOLOGY SEMINAR SERIES



Greg Matlashewski, PhD

Full Professor
Department of Microbiology and Immunology
McGill University

Title: "Elimination of Visceral Leishmaniasis through Implementation Research"

Wednesday, December 9, 2015

Martin Amphitheatre | Room 504, 12:00 PM

McIntyre Medical Sciences Building

Greg Matlashewski is a full professor in the Department of Microbiology and Immunology, McGill University. He has extensive experience working on leishmaniasis through basic laboratory research and field studies in Peru, India, Bangladesh and Nepal. He previously led the World Health Organization (WHO) program to eliminate visceral leishmaniasis from South East Asia. His field research includes defining the reservoir for transmission, improved diagnostic approaches and case detection in endemic villages. His basic research includes the genetic analysis of naturally attenuated strains obtained from the field to determine the molecular basis of pathogenesis, specifically to determine why some *Leishmania* species cause fatal visceral disease while other species are benign and remain in the skin. More recently his lab has developed the Crisper system to perform gene editing in *Leishmania* to develop live attenuated strains for vaccine development.

This seminar is mandatory for Biochemistry Graduate students

LOCATION: McIntyre Medical Sciences Building, Room 504, 12:00 PM

HOSTED BY: DR. SILVIA VIDAL