



VISITING PROFESSOR SEMINAR SERIES

Wednesday, September 25, 2019
12:00 PM
1020 COMRB
Moss Auditorium

"Imaging Innate Immunity in Response to Sterile Injury"

Paul Kubes, PhD, is a Professor at the University of Calgary Cumming School of Medicine and the Founding Director of the Snyder Institute for Chronic Diseases. He also holds a Canada Research Chair in Leukocyte Recruitment in inflammatory disease. Dr. Kubes has received numerous awards including the CIHR Investigator of the Year in 2011 for his basic science work on how the brain affects immunity. He has also received the Alberta Science and Technology Award and the Henry Friesen Award.

His latest work has uncovered a key role for peritoneal cavity macrophage in healing visceral organs. The Kubes lab is committed to understanding complex immune responses in the context of human clinical disease. The primary focus is to directly visualize the roles of immune cells during inflammation, infection and tissue injury. The lab is leading the way in directly imaging the immune system using cutting edge technology, including spinning-disk confocal and multi-photo microscopy. By imaging complex cellular behaviors in real time, both in vitro and in vivo, the Kubes lab can begin to understand how immune cells, such as neutrophils, monocytes, NKT cells and Kupffer cells function under physiological and pathological disease states.

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