



FACULTY CANDIDATE SEMINAR

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University of Saskatchewan

CANDIDATE FOR
ASSISTANT PROFESSOR,
MOLECULAR BIOLOGY &
GENETICS

Wed, March 12,
2025

11:00 AM -
12:00 PM

Red Seminar Room

Donnelly CCBR
160 College Street

Understanding the fate of zoonotic viral reservoir and spillover hosts using molecular biology, genetics, and a One Health strategy

Bats are reservoir hosts of clinically important viruses like coronaviruses, filoviruses, and paramyxoviruses that cause severe and often fatal disease in humans. However, naturally or experimentally infected bats do not develop clinical signs of disease. In this talk, we will explore how bats tolerate viral infections and what we can learn from bats to develop new antiviral strategies for humans. We will explore cutting edge molecular virology tools and models that we are developing to study emerging zoonotic viruses and to develop counter-measures against these viruses to prevent the next pandemic.

HOST Artem Babaian