



OMNI | **RÉUNIS**
 One Health Modelling Network for Emerging Infections | Réseau une seule santé sur la modélisation des infections

OMNI-RÉUNIS Super-Spreader Seminar Series

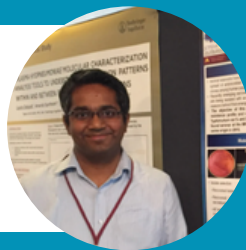
This seminar series is intended to provide OMNI-RÉUNIS HQPs a platform to present their research, promote their ideas, share their research experiences, and establish connections among the various branches of the network.

**This seminar will be hosted via Zoom
 on Thursday, March 23, 2023, from 11:00-12:00 EST.**

[Register here and join us!](#)

SEMINAR 9

CHANGES IN ANTIMICROBIAL RESISTANCE IN BACTERIA COLLECTED FROM PIGS IN NORTH AMERICA



PRESENTER- SHIVDEEP HAYER

Dr. Shivdeep Hayer is a veterinarian-researcher with an interest in infectious disease research. His PhD dissertation research at University of Minnesota focussed on utilizing diagnostic laboratory data to evaluate antimicrobial resistance in pathogens collected from pigs. He is continuing his research on antimicrobial resistance at University of Guelph and is currently analyzing aspects of antimicrobial resistance surveillance data generated by the Public Health Agency of Canada.

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ABSTRACT

CHANGES IN ANTIMICROBIAL RESISTANCE IN BACTERIA COLLECTED FROM PIGS IN NORTH AMERICA

Antimicrobial resistance (AMR) is a silent pandemic affecting millions of people per year. Animals raised for food production are considered as potential sources of resistant zoonotic bacteria that can impact human health. There is a need to continuously monitor changes in antimicrobial resistance in food animals to protect public health. In this talk, Shivdeep Hayer will discuss his research on changes in AMR in zoonotic bacteria collected from pigs in North America over the last decade. He will discuss analyses conducted on data generated by veterinary diagnostic labs in the USA and surveillance data collected in Canada.

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