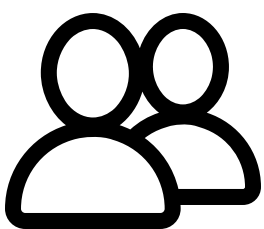


Global One Health Network (G1HN)

Highlights of the Seed Grant Webinar
28 September 2020



Organised by the Knowledge Transfer Team:
Christina Zarowsky, Melanie Rock, Hélène Carabin & Muriel Mac-Seing

Attended by 29 G1HN members from Canada,
Latin America, Africa and Europe



1

Strengthening the integration of One Health and Indigenous Knowledges in the Governance of Climate-Sensitive Infectious Diseases (CSID) in the Canadian Arctic

Objective 1: To evaluate the implementation of One Health in current surveillance systems for CSID in the Canadian or Circumpolar Arctic

Objective 2: To analyse the current integration of Indigenous Knowledges and ways of knowing and being, and priorities in the governance of CSID using an equity framework

Objective 3: To co-develop a framework for prioritising CSID to be targeted for surveillance and research in partnerships with Indigenous communities

Investigators

Cécile Aenishaenslin,
Université de Montréal
Sean Hillier, York
University

Co-investigators

Hélène Carabin & Kate
Zinszer, Université de
Montréal



2

Genomics for Safe WATERs (Wastewater Antimicrobial Treatment and Elimination Regimes)

Objective 1: To identify data-driven recommendations to inform federal, provincial and municipal policy on environmental protection, water stewardship and the preparedness of treatment plants against antimicrobial resistance (AMR)

Objective 2: To propose a sequencing assay with bioinformatics interface and a portable, sensitive, point-of-use device (diagnostics) for engineers to monitor ARGs

Objective 3: To identify safe, AMR-aware, operational policies and advanced oxidation treatment processes (solutions) to protect effluent, also for wastewater engineers

Investigator

Joe Harrison, University
of Calgary



3

Examining International Health Regulations (IHR, 2005) Compliance as a Political Priority in the Caribbean

Objective 1: To examine the role of IHR (2005) in strengthening One Health in the Caribbean

Objective 2: To examine the political prioritisation of IHR (2005) by the Caribbean sovereign states and their international cooperation in strengthening IHR compliance in the region

Investigator

Srikanth Kondreddy,
Bruyere Research
Institute, University of
Ottawa