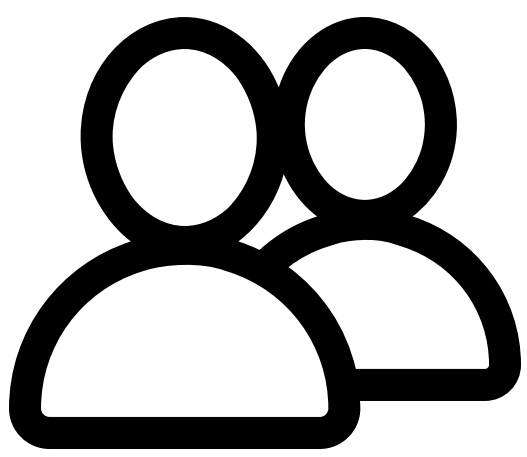


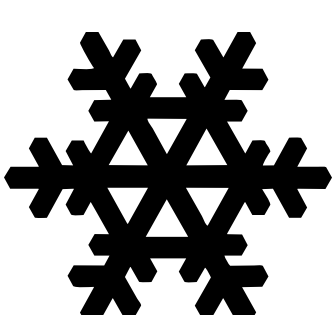
# Global One Health Network (G1HN)

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

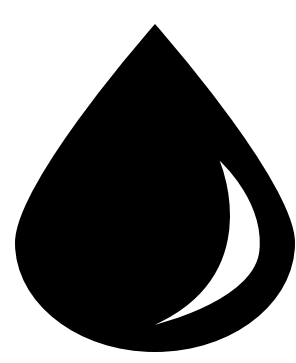
Objective 3: To co-develop a framework for prioritising CSID to be targeted for surveillance and research in partnerships with Indigenous communities

#### 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

