

## Canadian Animal Health Surveillance System Webinar /Webinaire du système canadien de surveillance de la santé animale

**Title:** Understanding AMR in Canada

**Description:** An introduction to the IAM (Integrated Assessment Modelling) AMR project, and consultation about the quantitative microbial risk assessment being developed for ceftiofur resistant Salmonella Heidelberg from chicken

**Presenters:** Dr Lucie Collineau and Dr Colleen Murphy

**Organization:** Public Health Agency of Canada, Public Health Risk Science Division, Canadian Integrated Program for Antimicrobial Resistance Surveillance

**Language of presentation:** English (Dr Collineau can answer questions in French as required)

### Presenter Bios:

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#### **Lucie Collineau, DVM, PhD, Dipl. ECVPH**

Lucie is a French veterinarian with expertise in epidemiology and risk assessment. After graduating with a MSc in epidemiology and animal health surveillance in 2012, she completed in 2016 a PhD programme focusing on the epidemiology and economics of antimicrobial use in pig production. Lucie is also a member of the European Board of veterinary specialists in veterinary public health. She is currently a postdoctoral fellow at the public health risk science division of PHAC. Her research activities focus on risk assessment and modeling of the transmission of antimicrobial resistance in the food chain. She is currently developing a mathematical model for the transmission of ceftiofur-resistant Salmonella Heidelberg in broiler chicken in Canada.

#### **Colleen Murphy DVM, MSc, PhD**

Colleen Murphy graduated from the Ontario Veterinary College, University of Guelph with a DVM in 1999. She practiced for 5 years (full and part-time) in companion animal practice including a one-year small animal veterinary internship at the Ontario Veterinary College (2000-2001). She graduated from the University of Guelph with a MSc (2004) and PhD (2010) in epidemiology investigating antimicrobial resistance in companion animals and infection control in community veterinary hospitals. Following, she investigated other aspects of antimicrobial resistance through post doctoral fellowships within the Department of Population Medicine, University of Guelph, and the Canadian Integrated Program for Antimicrobial Resistance Surveillance (CIPARS), Public Health Agency of Canada. Presently, she is a veterinary epidemiologist with CIPARS working on a project investigating methods to model antimicrobial resistance along the agri-food chain.



**Date:** Thursday May 3 2018 / jeudi le 3 mars 2018

**Time/Heure:** 1:00 pm – 2:30 pm EDT / 13:00 h à 14:30 h (HAE)

**Webex Link / Lien Webex:** <https://pwgsc-nh.webex.com/join/andrea.osborninspection.gc.ca>

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