

AGENDA

23rd Annual BC One Health and Zoonoses Symposium

November 20, 2024 • Coast Langley City Hotel & Convention Centre • 8:30 am – 4:00 pm PST

8:30 – 9:00 am Registration (refreshments and morning snacks)

9:00 – 9:15 am **Welcome/Land acknowledgement:** Erin Fraser (BCCDC), Theresa Burns (MAF), and Cait Nelson (Min of WLRS)

9:15 – 9:35 am **Keynote address:** Dominique Charron
Visiting Scholar in One Health - University of Guelph

Session One: 9:35 – 10:40 am • Moderator: Sharon Relova, BCCDC

9:35 – 9:50 am **Cait Nelson**, BC Ministry of Water, Lands, and Resource Stewardship
Chronic wasting disease in BC

9:50 – 10:05 am **Eugene Yeung**, Lifelabs, BC
Epidemiology and clinical significance of ectoparasites identified in community microbiology laboratories in British Columbia

10:05 – 10:20 am **Elizabeth Dykstra**, Washington State Department of Health
Vector update from Washington State

10:20 – 10:40 am **Theresa Burns**, BC Ministry of Agriculture and Food
Introducing the development of a BC inter-ministry One Health strategy

10:40 - 11:00 am Refreshment break

Session Two: 11:00 am – Noon • Moderator: Inna Sekirov, BCCDC Public Health Laboratory

11:00 – 11:15 am **Anya Smith**, BCCDC and **Alessandro Massolo**, University of Pisa and University of Calgary
An overview of echinococcosis in Canada and the potential implications for BC

11:15 – 11:30 am **Hannah Caird**, Public Health Response, BCCDC
Bearded dragons, geckos, and snakes, oh my! Reptiles as a vector of Salmonella in Canadian enteric zoonoses outbreaks

Student Session • Moderator: Chelsea Himsworth, BC Ministry of Agriculture and Food

11:30 – 11:45 am **Kenning Tran**, Canadian Food Inspection Agency
Detection of Novel Tick Rhabdovirus Circulating in Canada and Hitchhiking Ixodes scapularis on the West Coast

11:45 – 12:00 pm **Ryan Yazdani**, Simon Fraser University
Bridging the Gap: A Review of Social and Ecological Determinants of Health in One Health Research

12:00 – 1:00 pm Lunch Break

Session Three, Case Study: 1:00 – 2:15 pm

Moderators:

Michael Lee, Environmental Health Services, BCCDC
Gigi Lin, Office of the Chief Veterinarian, BC Ministry of Agriculture
Cait Nelson, Wildlife Health Branch, BC Ministry of Water, Land, and Resource Stewardship
Andrea Osborn (online), Animal Health Science Directorate, Canadian Food Inspection Agency

1:00 – 2:15 pm

Case study

2:20 – 2:40 pm

Afternoon Break

Session Four - Genomics: 2:45 – 4:00 pm • Moderator: David Charest, Genome BC

2:45 – 3:00 pm

Kevin Kuchinski, BCCDC Public Health Laboratory
Sediment surveillance for avian influenza in BC

3:00 – 3:15 pm

Chelsea Himsworth, BC Ministry of Agriculture and Food *on behalf of*
Shannon Russell, BCCDC Public Health Laboratory
Wild bird surveillance for avian influenza in BC

3:15 – 3:30 pm

Kaylee Byers, Simon Fraser University
From DNA to Decision-Making: Genomics in Wildlife Health Management

3:30 – 3:45 pm

Catherine Hogan, BC Centre for Disease Control Public Health Laboratory
Molecular Barcoding vs Microscopy of Ixodes and Dermacentor Ticks:
A Prospective Comparative Evaluation Study: British Columbia, 2024 Tick Season

3:45 – 4:00 pm

Closing Remarks
Muhammad Morshed, BC Centre for Disease Control

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