



Canadian Association for Clinical
Microbiology and Infectious
Diseases

VIRTUAL SEMINAR

October 23rd @ 1-2pm EDT

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Talk title: “Next Generation Sequencing Implementation in a Provincial Mycobacteriology Laboratory – Conceptualization to Accreditation”

Objectives:

1. Describe clinical- and public health-related considerations for mycobacteriology sequencing program design.
2. Describe MIRU to WGS clustering transition and communications considerations.
3. Describe AMR predictions implementation.

Dr. Inna Sekirov - Medical Microbiologist & Program Head of Mycobacteriology/TB Laboratory, British Columbia Centre for Disease Control

Clinical Assistant Professor, Department of Pathology and Laboratory Medicine, University of British Columbia

Dr. Inna Sekirov has completed her MD/PhD and Medical Microbiology residency training at UBC and has joined the BCCDC Public Health Laboratory in 2017 as the Program Head of the Mycobacteriology/ TB section, as well as holds a Clinical Assistant Professor appointment with the UBC Department of Pathology and Laboratory Medicine. Her professional interests include novel diagnostic methods, in particular molecular and sequencing technologies. Under her leadership the BCCDC PHL Mycobacteriology laboratory has successfully implemented next generation whole genome and targeted sequencing for both surveillance and clinical diagnostics.

