

Government
of CanadaGouvernement
du Canada

Canada

Canadian Institutes
of Health Research[Home](#) → [News](#)

Backgrounder: Point-of-Care Diagnostics in Human Health – Phase 1

In an effort to respond to the global priority of antimicrobial resistance, the Canadian Institutes of Health Research (CIHR) is providing \$1.39 million in funding to five research teams whose work will focus on advancing innovative point-of-care diagnostics to improve the health of Canadians. The teams will undertake research to support the development of new tests to rapidly and accurately diagnose antimicrobial resistance, and facilitating their uptake to market. It is hoped that the research will allow a more rational use of antibiotics so they maintain their effectiveness. The new funding is supporting projects led by academic researchers in collaboration with industry and other partners.

Operating Grant: Antimicrobial Resistance Point of Care Diagnostics in Human Health

| Principal Investigator | Project Title | CIHR Funding |
|--|--|--------------|
| Li, Yingfu McMaster University | Developing a strain-specific test for rapid diagnosis of <i>Clostridium difficile</i> | \$300,000 |
| Burrell, Robert University of Alberta | A point of care nanostructured diagnostic device to discriminate between bacterial and viral infections: rapid and sensitive measurement of host biomarkers. | \$300,000 |
| Zhang, Kunyan University of Calgary | Development of A New Multiplex PCR (M-PCR) Assay for Rapid Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Directly from Clinical Samples | \$194,988 |
| Loo, Vivian G Research Institute of the McGill University Health Centre | Evaluation of Ultrasensitive Toxin Detection and Molecular Assays for the Diagnosis of <i>Clostridium difficile</i> Infection and Asymptomatic Colonization. | \$299,988 |

| Principal Investigator | Project Title | CIHR Funding |
|--|---|---------------------|
| Steiner, Theodore S University of British Columbia | Development of immunologic tools for Clostridium difficile diagnosis and prognosis | \$300,000 |

Date modified:

2017-05-23