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## Canada Biomedical Research Fund and Biosciences Research

### Infrastructure Fund

# Award Recipients: Stage 2

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Applications were evaluated on their scientific and technical merit, by multidisciplinary and multisectoral committees with expertise drawn from academia and the public, private and not-for-profit sectors.

Meritorious applications were subsequently reviewed by the Strategic Review Committee (SRC) to assess their alignment with Canada's Biomanufacturing and Lifesciences Strategy (the Strategy). The SRC is composed of prominent Canadian and international research and industry leaders from multiple sectors, including the life sciences and biomanufacturing. This committee makes arms-length recommendations to the decision-making bodies of the federal research funding agencies and the Canada Foundation for Innovation regarding biomanufacturing and life science investments informed by the Strategy.



The information provided appears exactly as submitted by the applicants in Convergence portal. No edits or translations were applied. The information is presented in the official language in which it was submitted.

# Eastern Canada Pandemic Preparedness Hub (ECaPPH)

Université de Montréal

[View Stage 1 hub proposal](#)

- ▶ **Biologics RAMP-UP: Biologics Rapid Actuation of Mass Production Under Pandemic conditions**
- ▶ **PandemicStop-AI: for an accelerated response to pandemics**
- ▶ **National Primate Center for Pandemic Preparedness (NPCPP)**
- ▶ **POPCORN 2.0 (Pediatrics Outcomes imProvement through COordination of Research Networks)**

# Canadian Hub for Health Intelligence and Innovation in Infectious Diseases (HI3)

University of Toronto

[View Stage 1 hub proposal](#)

- ▶ **INSPIRE: Integrated Network for the Surveillance of Pathogens: Increasing REsilience and capacity in Canada's pandemic response**
- ▶ **BioHubNet: Transformative talent development in the Canadian Bio-manufacturing hubs**
- ▶ **Prepare, REact, Collect, Innovate, Share and Engage (PRECISE) Diagnostic Platform**
- ▶ **Pandemic pREparedness engaging Primary cARe and Emergency Departments (PREPARED): Enhance surveillance, improve care and health system efficiency, accelerate**

biomanufacturing of diagnostics, vaccines and therapeutics, and facilitate linkage to clinical trials

## **Canadian Pandemic Preparedness Hub (CP2H)**

University of Ottawa (co-led by McMaster University)

[🔗 View Stage 1 hub proposal](#)

▶ The Canadian Biomanufacturing Cooperative

▶ Enhancing GMP Manufacturing by Leveraging Process Analytical Tools (PAT)

▶ Advanced Biomanufacturing Innovations

## **PRAIRIE Hub for Pandemic Preparedness**

University of Alberta

[🔗 View Stage 1 hub proposal](#)

▶ Developing self-amplifying (sa) RNA vaccines against pandemic virus threats

▶ Viral vector vaccine platforms for rapid response to future pandemics

▶ Innovative techniques and diagnostic tests for pandemic preparedness and health equity

▶ Filling Vials for Pandemic Preparedness

# Canada's Immuno-Engineering and Biomanufacturing Hub (CIEBH)

The University of British Columbia

[View Stage 1 hub proposal](#)

▶ Canada's Immuno-Engineering and Biomanufacturing Hub Advanced Therapeutics Manufacturing Facility (CIEBH-ATMF)

▶ AVENGER: Advanced LNP RNA Vaccines Engineered with Next-Generation designs to Enhance pandemic Readiness

▶ PROGENITER: Pathogen Response Optimization by GENERating Therapeutics Rationally

▶ Social Sciences and Humanities (SSH) Consortium: Essential Societal Infrastructure to Support Canada's Immuno-Engineering and Biomanufacturing Pipeline

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