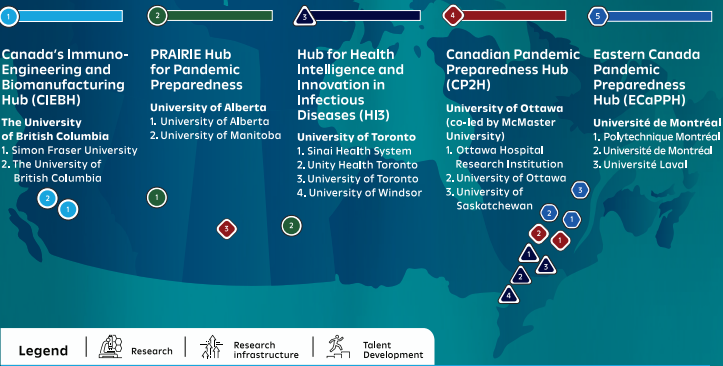


# Canada Biomedical Research Fund and Biosciences Research Infrastructure Fund (CBRF-BRIF)



1

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

The University of British Columbia

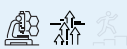
**Biomanufacturing & Processing**

Canada's Immuno-Engineering and Biomanufacturing Hub Advanced Therapeutics Manufacturing Facility (CIEBH-ATMF)  
The University of British Columbia



**Vaccines & Therapeutics**

AVENGER: Advanced LNP RNA Vaccines Engineered with Next-Generation designs to Enhance pandemic Readiness  
The University of British Columbia



PROGENITER: Pathogen Response Optimization by GENEratIng ThERapeutics Rationally  
The University of British Columbia



**Surveillance & Diagnostics**

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



2

PRAIRIE Hub for Pandemic Preparedness

University of Alberta

**Vaccines & Therapeutics**

Developing self-amplifying (sa) RNA vaccines against pandemic virus threats  
University of Alberta



Viral vector vaccine platforms for rapid response to future pandemics  
University of Manitoba



Filling Vials for Pandemic Preparedness  
University of Alberta



**Surveillance & Diagnostics**

Innovative techniques and diagnostic tests for pandemic preparedness and health equity  
University of Alberta



3

Hub for Health Intelligence and Innovation in Infectious Diseases (HI<sup>3</sup>)

University of Toronto

**Biomanufacturing & Processing**

BioHubNet: Transformative talent development in the Canadian Bio-manufacturing hubs  
University of Toronto



**Vaccines & Therapeutics**

Prepare, REact, Collect, Innovate, Share and Engage (PRECISE) Diagnostic Platform  
Sinai Health System



**Surveillance & Diagnostics**

INSPIRE: Integrated Network for the Surveillance of Pathogens: Increasing REsilience and capacity in Canada's pandemic response  
University of Windsor



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  
Unity Health Toronto



4

Canadian Pandemic Preparedness Hub (CP2H)

University of Ottawa (co-led by McMaster University)

**Biomanufacturing & Processing**

The Canadian Biomanufacturing Cooperative  
University of Ottawa



Enhancing GMP Manufacturing by Leveraging Process Analytical Tools (PAT)  
University of Saskatchewan



Advanced Biomanufacturing Innovations  
Ottawa Hospital Research Institute



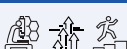
5

Eastern Canada Pandemic Preparedness Hub (ECaPPH)

Université de Montréal

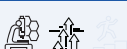
**Biomanufacturing & Processing**

Biologics RAMP-UP: Biologics Rapid Actuation of Mass Production Under Pandemic conditions  
Polytechnique Montréal



**Vaccines & Therapeutics**

PandemicStop-AI: for an accelerated response to pandemics  
Université de Montréal



National Primate Center for Pandemic Preparedness (NPCPP)  
Université Laval



**Surveillance & Diagnostics**

POPCORN 2.0 (Pediatrics Outcomes imProvement through Coordination of Research Networks)  
Université de Montréal

