



OTTAWA  
HEALTH  
INNOVATION  
HUB

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D'INNOVATION  
EN SANTÉ  
D'OTTAWA



## OTTAWA HEALTH INNOVATION HUB

The new Ottawa Health Innovation Hub will be anchored in a state-of-the-art Advanced Medical Research Centre on the Alta Vista Campus.

- world-class uOttawa building and Hub will serve Ottawa's health and life sciences ecosystem
- strengthen Canada's capacity, security, self-sufficiency and competitiveness through health innovation and commercialization
- 300,000 ft<sup>2</sup> of common and shared infrastructure to support innovation, spin-off companies and commercialization
- Shovel-ready with construction to start in 2023, occupancy planned for 2025

### THE OPPORTUNITY

Leadership in smart health and precision medicine innovation and commercialization

#### The Hub will:

- support improved patient care and healthcare delivery and, enable rapid commercialization of "made in Ottawa" health innovations
- nurture a robust ecosystem that supports the commercialization of discoveries into high growth firms, high-income STEM<sup>2</sup> jobs and a strong, sustainable healthcare system for long-term economic growth
- strengthen Ottawa's ecosystem to future-proof Canada's capacity to respond to an urgent health crisis and to scale for greater productivity and responsiveness
- develop the next-generation of researchers, entrepreneurs, leaders, and product/regulatory specialists for research and industry

# FUELLING THE RECOVERY... BUILDING OUR FUTURE

ACCELERATING THE PACE  
OF MEDICAL RESEARCH FROM  
DISCOVERY TO INNOVATION  
TO PATIENT IMPACT

## OTTAWA'S HEALTH ECOSYSTEM

- Over 6,000 people employed in over 140 companies in the biotech-pharma, digital health and medtech sectors
- The economic impact is over \$2B annually
- Ottawa's post secondary institutions and hospital affiliated research institutes employ over 6,500 researchers and clinicians attracting over \$380M in research funding each year
- uOttawa Faculty of Medicine ranks among top 3 nationally for research intensity
- Ottawa is the 4th largest clinical trial centre in Canada

## ADVANCED MEDICAL RESEARCH CENTRE

### Ottawa Health Innovation Hub

- Centre for Bio-Innovation ( Incubation Space and Services)
- Smart Health Accelerator (incl. 5G development platform, Women's entrepreneurship program)
- Digital Health Sandbox Network
- Conference, Training & Meeting facilities
- Collaborative R&D Space (Lease to Private Sector)
- Venture Capital Hub and new Innovation Accelerator Fund

### Discovery & Translational Research Floors

- uOttawa Faculty of Medicine and Research Partners
- Advanced core facilities for researchers and industry

### National Innovation Platforms

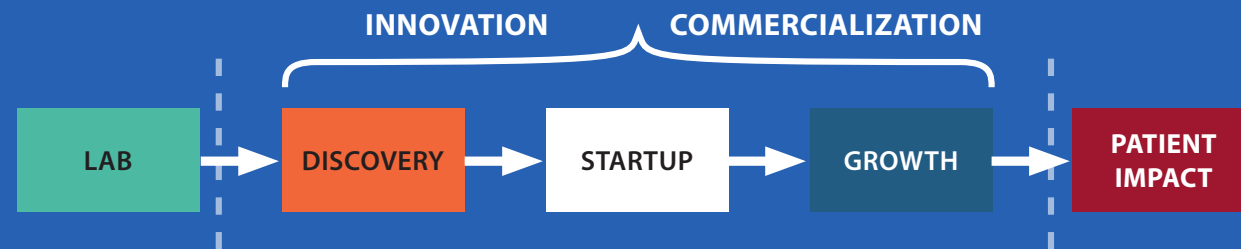
- Coronavirus Variants Rapid Response Network (CoVaRR-Net)
- Collaboration Centre for AI in Systems Biology (OISB/NRC)
- Collaboration Centre in Infection, Immunity & Inflammation (CI3/NRC)
- Center on Translational Microbiome in Health and Diseases (uOttawa, CHEO, St. Justin, Royal, Bruyère, TOH)
- Access to expanded OHRI Biotherapeutics Manufacturing Centre (immunotherapeutics, viruses, vaccines, gene and cell therapies)

THE HUB WILL CONNECT GOVERNMENT,  
ACADEMIA, INDUSTRY AND THE HEALTHCARE SECTORS  
TO TRANSFORM PATIENT CARE, IMPROVE HEALTHCARE  
DELIVERY AND ENABLE RAPID COMMERCIALIZATION  
OF SMART HEALTH AND PRECISION MEDICINE  
THERAPEUTICS AND INNOVATIONS.



## SPEED TO INNOVATION... SPEED TO COMMERCIALIZATION

- Dedicated incubation or accelerator space with access to common and shared research & clinical infrastructure for new medical and life science ventures
- New space for collaborative research initiatives and private sector sponsored research activities
- New capacity to expand discovery and translational research facilities and infrastructure at key institutions
- Increased access to venture capital and investment



## ECONOMIC IMPACT AND REGIONAL/NATIONAL BENEFITS

### Advanced Medical Research Centre

**300 000+** Square Feet    **200** Researchers    **360** Trainees    **200** Private Sector Employees    **>**    **2 365** Construction Jobs\*    **\$264M** Economic Impact (GDP) (Construction Only)

### Innovation Accelerator Fund

**\$1.4M/Yr.** Invested in Promising Innovations    **\$10M** Invested in 86 projects by 2031    **>**    **Seed 25+** Spin-offs Co's by 2031

### Ottawa Health Innovation Hub

**Incubate 25** Biotech Co's by 2031    **Accelerate 50** MedTech/Digital Health Co.'s by 2031    **>**    **Attract \$385M+** in Company Investments (attributed to Hub support) by 2031

**TOGETHER, WE CAN LEAD  
A GLOBAL TRANSFORMATION  
IN SMART HEALTH AND  
PRECISION MEDICINE**

## WHY OTTAWA

- G7 Capital – home to Canada's regulatory, policy and funding agencies, federal labs and global connections
- Quadruple Helix takes advantage of the proximity of key academic, industry, healthcare, and government partners to create a robust and transformative ecosystem
- Ottawa's Health and Life Sciences Nexis provides enormous synergies and opportunities for innovation
  - Biotherapeutics Discovery Engine (neurosciences, cancer, cardiovascular, rare diseases, cell and immunotherapies therapies, vaccines, regenerative medicines, ...) coupled with,
  - Smart Health Development Engine (digital health platforms, AI, medtech and precision medicine)
- Unites Ottawa's dynamic high-tech sector with our health innovation engine
- New Innovation Accelerator Fund that will provide early-stage development capital to de-risk commercializable technologies leading to successful innovation and commercialization
- New Industry-leading innovation platforms and hub and node network that will offer greater access to advanced core facilities for researchers and industry
- New bilingual, innovation and commercialization infrastructure with accelerator, incubator and education, training and professional development programs that will foster the growth of research intensive and smart health companies
- Increased access to venture capital and investment

## MAKE OTTAWA, ONTARIO & CANADA MORE COMPETITIVE

- stimulates economic recovery, job creation and investment attraction
- scales our health innovation and commercialization capacity
- strengthens our smart health, biotherapeutics and precision medicine advantage
- supports improved patient care and healthcare delivery and, enables rapid commercialization of "made in Ottawa" health innovations
- amplifies Canada's global competitiveness

## YOUR LEADERSHIP AND PARTICIPATION WILL:

- support improved patient care and healthcare delivery and, enable rapid commercialization of "made in Ontario" health innovations
- nurture a robust ecosystem that supports the commercialization of discoveries into high growth firms, high-income STEM<sup>2</sup> jobs and a strong, sustainable healthcare system for long-term economic growth
- strengthen Ottawa's ecosystem to future-proof Canada's capacity to respond to an urgent health crisis and to scale or greater productivity and responsiveness.
- develop the next-generation of researchers, entrepreneurs, leaders, and product/regulatory specialists for research and industry and create the collaborative ecosystem that inspires them to stay in Ottawa
- most importantly, improve patient care, create better patient outcomes and build a healthier world



## CONTACT:

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