



Digital Health &  
Discovery Platform

# Accelerating precision medicine for Canadians through big data and artificial intelligence

A groundbreaking healthcare initiative worth over +\$200M

Funded through Innovation, Science and Economic Development Canada's Strategic Innovation Fund - Stream 4 program

Co-led by the Terry Fox Research Institute and Imagia and is composed of over 97 consortium partners across Canada

## What is the DHDP?

The Digital Health and Discovery Platform is a pan-Canadian initiative to improve health outcomes for Canadians by deploying cutting-edge technologies that advance precision medicine.

### The DHDP will:

- Unite AI institutes, hospitals, researchers and industry to accelerate medical breakthroughs
- Create a federated data ecosystem by linking and sharing data from cancer centres and hospitals across Canada
- Use innovative technologies to fuel discoveries
- Stimulate commercialization of home-grown research discoveries to improve patient outcomes
- Help make precision medicine a reality

## A 21st century platform at the intersection of healthcare and AI

The DHDP will help position Canada as a world leader in the safe use of cutting-edge technologies that will help accelerate the implementation of precision medicine.

### To achieve this, the DHDP will:

- Develop a made-in-Canada digital platform to enable research that advances next-generation precision medicine technologies.
- Create privacy-protecting data governance principles and data science technologies including AI to transform collaborative health research
- Promote a 'network effect' to accelerate innovation and to commercialize new products and services that contribute to Canada's knowledge economy

## Programs

The DHDP will help fund programs that bring together health researchers, data scientists and industry partners to scientific innovation and technology development in Canada with a focus initially on oncology and neurological diseases such as Alzheimer's.

### The DHDP competitions will support programs that:

- Link health data to enable innovation through the use of the DHDP
- Find novel ways to incorporate AI to clinical settings, driving discoveries with the potential to improve outcomes for patients
- Mentor a new generation of interdisciplinary, trained Canadian scientists and clinicians able to problem solve in complex environments

**Join our state-of-the-art innovation ecosystem**

You can participate in the DHDP by becoming a member and transforming health research into a collaborative, economy-building ecosystem to improve patient outcomes.