

Health AI Solutions INVESTMENT OPPORTUNITY



The Edmonton Metropolitan Region combines a university ranked 2nd in North America for artificial intelligence research, accessible health datasets from 4.5 million people, world-class medical infrastructure, and thriving R&D.



Ecosystem Snapshot

Health Cities

Health Cities engages with clinicians, innovators, philanthropic organizations, industry and academia to address key health challenges.

University of Alberta

Ranked 2nd in North America for artificial intelligence research and a global leader in machine learning

Alberta Machine Intelligence Institute

Part of the Pan-Canadian AI Strategy and one of three national Centres of Excellence

Bionic Limbs for Improved Natural Control

An interdisciplinary lab where medical, science, and engineering researchers collaborate to improve the control and performance of robotic prostheses.

Case Study

DRUGBANK

DrugBank is the world's first and largest intelligent and comprehensive drug knowledge platform. With the help of artificial intelligence, DrugBank gathers, authors, verifies, and structures all of the latest biomedical information into one knowledge platform.

12M

12 million users
worldwide

\$1.5B +

has been spent on research
utilizing DrugBank

More than
26,000 citations

in academic publications

Supports customers in
24+ countries

including 13 of the top 20
pharmaceutical companies

"DrugBank will become a critical infrastructure for healthcare and change the way medicine is done. Our platform will enable better decision making by researchers, healthcare providers, and regulators than what is possible today."

— Mike Wilson, CEO, DrugBank



info@edmontonglobal.ca | EdmontonGlobal.ca

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Case Study



48Hour Discovery is a company with a dynamic peptide discovery platform that has revolutionized peptide discovery through its highly customizable approach to chemically modified phage display. Leveraging their cutting-edge technologies, the platform accelerates the identification and optimization of peptides with therapeutic potential, offering a novel pathway to addressing unmet medical needs.

20+ Partnerships

Partnerships with **OVER 20 COMPANIES** including global pharma and leaders in the radiopharmaceutical industry

Technology that can discover **DRUG LEADS IN DAYS** rather than months

1 Billion

in-house encoded proprietary libraries that include more than 1 billion medium sized peptides

“What used to take six months and cost a million dollars or more, can now be done in 48 hours for one-tenth of the cost,”

Ratmir Derda, founder,
48Hour Discovery

