

# LIFE SCIENCES

Alberta is home to Canada's first and largest province-wide, fully integrated healthcare system, which serves a population of nearly 4.3 million patients through Canada's only single-widow health access system. With research and clinical expertise and a critical mass of companies leading the development of innovations that are solving critical health challenges, there is a significant opportunity for life sciences companies to leverage Calgary's world-class research assets and commitment to investment.

## LEADING THE WAY

Calgary is home to more than 110 life sciences companies. With this critical mass of research, technical talent and expertise, Calgary is leading the way in addressing global health issues.



## CREATING THE NEXT GENERATION

### Life Sciences Innovation Hub

The LSIH at the University of Calgary supports research-intensive companies to deliver commercially viable products and services to market by providing access to infrastructure, expertise and startup services. It features 35,000 square feet of wet and dry lab space, access to equipment, and trained technicians and equipment calibration.

### HATCH-YYC

Calgary's first health technology accelerator will incubate at least 55 health-tech companies over five years, creating 300+ jobs in digital health. It will provide companies access to a privacy-compliant communication platform as well as system integration with industry leaders in healthcare and collaboration with target patients and service providers.

# \$1B

\$1.0 billion in capital raised by Alberta life sciences companies in 2019 (forecast).

*Life Sciences in Alberta: State of Industry 2019, BioAlberta*

# \$150M

Approximately \$150 million in R&D spending by Alberta life sciences companies in 2019.

*Life Sciences in Alberta: State of Industry 2019, BioAlberta*

# \$428M

Calgary's life sciences sector is projected to invest \$428 million by 2024 in digital transformation, representing a 12 per cent CAGR.

*Calgary Economic Development and IDC Canada*

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## DRIVEN TO CREATE THE FUTURE OF HEALTH

The University of Calgary is a recognized research leader in brain and mental health, biomedical engineering, chronic diseases and cardiovascular sciences. They have attracted some of the best research talent from around the world and have created unique facilities for understanding human health.



### Cumming School of Medicine

This medical school is investing in platforms in the areas of precision imaging, the microbiome, genomics, informatics and clinical trials.



### Calgary Centre for Clinical Research (CCCR)

The Cumming School of Medicine and Alberta Health Services fund high-impact clinical studies that improve health or influence clinical practice and healthcare delivery.



### International Microbiome Centre

This research centre is designed to investigate the microbiome of humans, plants, animals and the physical environment using Canada's largest germ-free facility, real-time imaging and droid robotics.



### Ward of the 21st Century (W21C)

W21C conducts health systems research for new technologies, prototypical hospital design, novel approaches to health care delivery, and human factors research.

