

Life Sciences in the Metro Vancouver region

Driven by research universities and institutes, the Metro Vancouver region is producing world-leading science in lipid nanoparticles, antibodies, genomics, and more. With deep multidisciplinary talent pools, the region is home to one of the fastest-growing clinical- and commercial-stage life sciences sectors in Canada.

Metro Vancouver is Canada's #1 life sciences startup ecosystem

#11 in North America and #21 in the world, according to Startup Genome, 2021

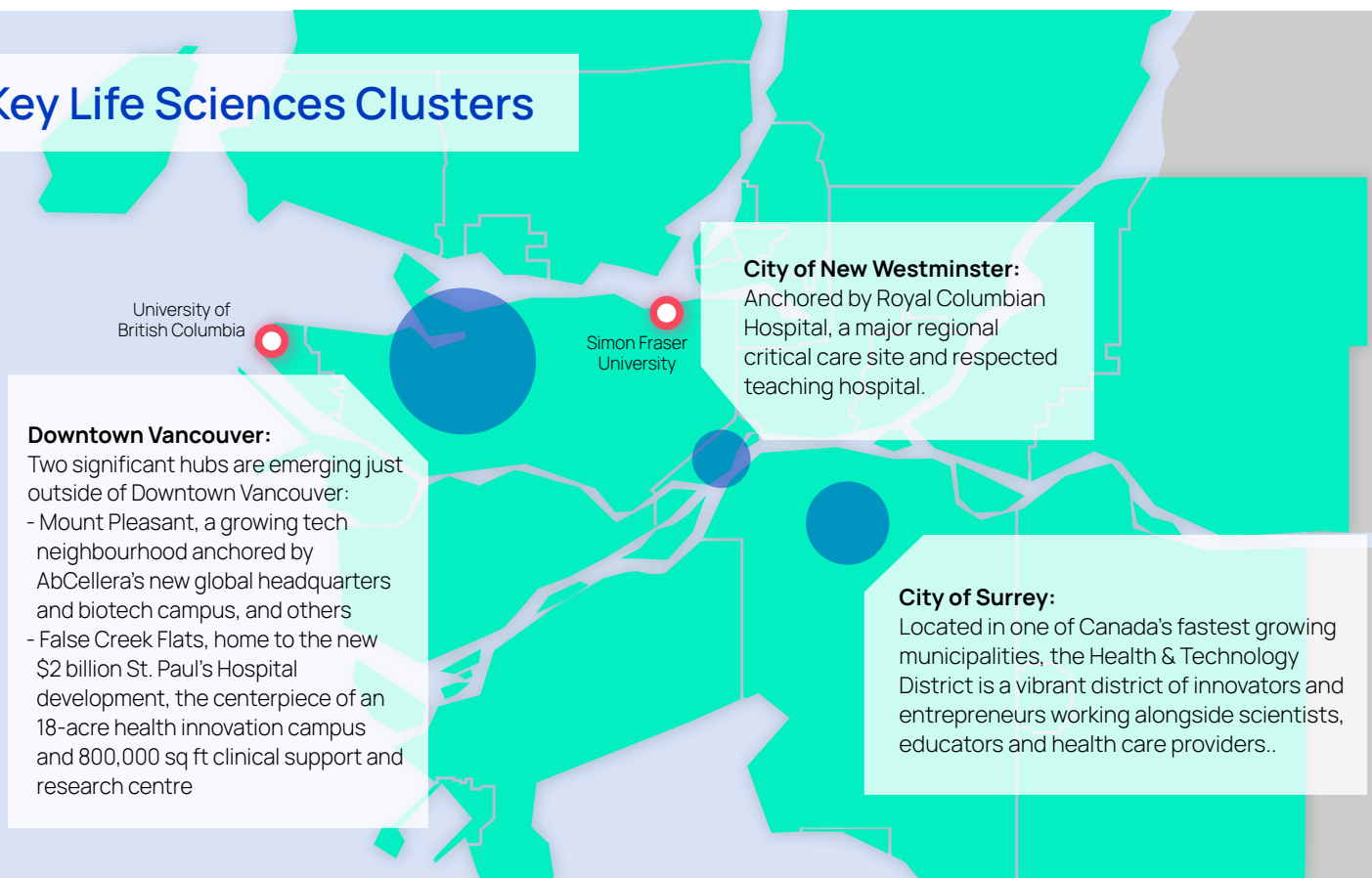
Anchored by Home-grown and Globally Rising Biotech Stars:



<p>STEMCELL</p> <p>Canada's largest biotech company</p> <p>STEMCELL Technologies is a privately-held biotechnology company that develops specialty cell culture media and cell separation products to support research in the fields of immunology, hematology, neuroscience, mesenchymal cell, stem cell and epithelial cell biology.</p>	<p>AbCellera</p> <p>Global leader in COVID-19 response</p> <p>AbCellera is a publicly-traded, \$2.25 billion market cap biotechnology company that searches, decodes, and analyzes natural immune systems to find antibodies that can be developed into drugs to prevent and treat disease through a full-stack, AI-powered drug discovery platform.</p>	<p>Zymeworks</p> <p>Engineering next-gen therapeutics</p> <p>Zymeworks is a clinical-stage, biopharmaceutical company dedicated to the discovery, development, and commercialization of next-generation multifunctional biotherapeutics, initially focused on the treatment of cancer.</p>
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Sources: LifeSciences BC, STEMCELL Technologies, Abcellera, Zymeworks

Key Life Sciences Clusters

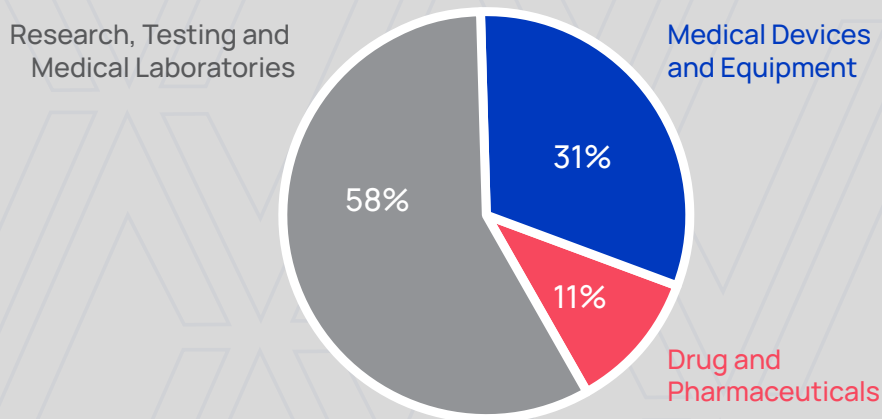


As the province's economic centre, Metro Vancouver has the greatest concentration of biosciences assets and organizations in British Columbia.

1,120 + life sciences companies across B.C.

Companies with employees. Source: Life Sciences BC, Life Sciences in British Columbia Sector Profile.

Distribution of B.C. companies by industry group



Companies with employees. Source: Government of British Columbia

Home to world-leading institutions, accelerators, research centres, and scientific minds.

- BC Cancer Agency
- BC Centre for Excellence in HIV/AIDS
 - Nationally and internationally recognized as an innovative world leader in combating HIV/AIDS and related diseases.
- BC Centre for Disease Control
- BC Knowledge Development Fund
- Creative Destruction Lab West
- Genome BC
 - Not-for-profit organization supporting world-class genomics research and innovation
- International Collaboration On Repair Discoveries (ICORD)
- Life Sciences BC Investor Readiness Program
- Michael Smith Laboratories
 - Biotechnology research with applications to health, agriculture, forestry in collaboration with industry.
- Michael Smith Health Research BC
 - Develop, retain and attract life sciences talent as an expert funder
- TRIUMF
 - Largest producer of rare medical isotopes in Canada
- UBC Centre for Biomedical Research
- UBC Life Sciences Institute

Source: Trade & Invest BC

Canada is the lowest-cost G7 country in biotechnology, product testing and clinical trials industries

(Source: Invest in Canada)

Globally ranked institutions across B.C. are developing the next generation of forward-thinking life sciences talent.

25 public post-secondary institutions in B.C., offering a range of health sciences and applied and natural sciences education and training programs, from clinicians and technicians, to medical and data scientists to biomedical engineers

in areas such as biotechnology, microbiology and immunology, molecular biology, genetics, and clinical genetics technology, behavioural neuroscience, and biomedical engineering and technology

Source: Life Sciences in British Columbia: Sector Profile (gov.bc.ca)

22,500 students enrolled in life sciences-related academic programs across the province

Source: Life Sciences BC

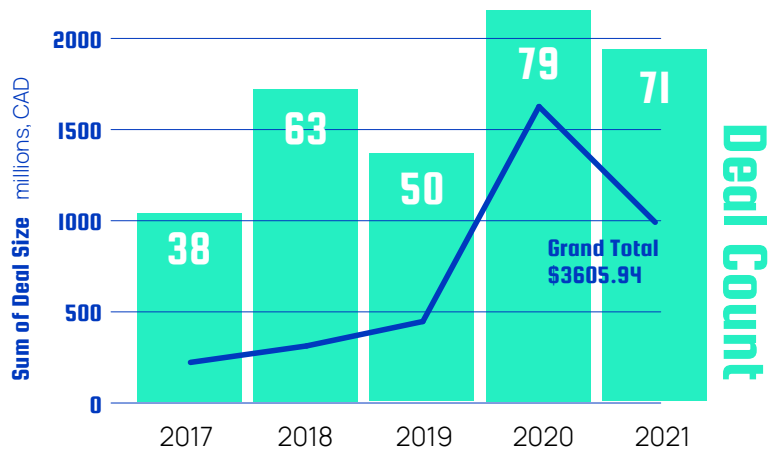
Institution Spotlight: University of British Columbia Life Sciences Institute

UBC's Life Science Institute (LSI) has a research mission is to perform innovative, interdisciplinary science focused on discovering the fundamental biological mechanisms underlying health and disease, and to propel this knowledge towards translation into new therapies. As the largest institute of its kind in Canada, the LSI is positioned to take a lead in unraveling medicine's greatest challenges and providing the evidence needed by the healthcare system to achieve more precise management of health and treatment of disease.

Source: Life Sciences BC

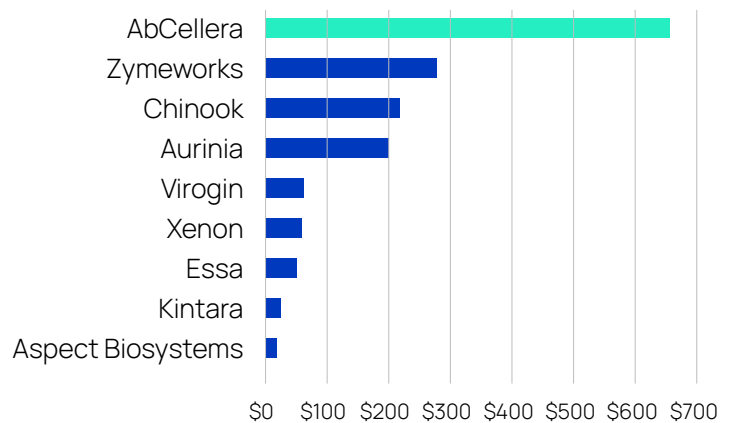
Some of the world's leading investors are looking to the Metro Vancouver region's firms for transformative life sciences innovation.

Investments by Year, Companies Headquartered in the Region



(Source: Pitchbook, 2022)

Life Sciences Market Capital Raised, 2020



(Source: Greater Vancouver Board of Trade, Novateur Ventures)

Learn more about the Metro Vancouver region



Life Sciences British Columbia is a not-for-profit, non-government industry association that supports and represents the life sciences community of B.C. through numerous initiatives at the local, national and international level. We nurture economic development in the province through leadership; facilitation of investment and partnering; advocacy; and promotion of our world-class life sciences industry.

Join our thriving life sciences ecosystem.

Ryan Butt

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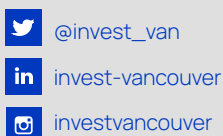
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Invest Vancouver is the economic development leadership service for the Metro Vancouver region. As the region's investment attraction and promotion organization, our Strategic Investment team works directly with global business investors to help you find success and facilitate your business location and expansion in our region. We help provide meaningful access to partnerships and business intelligence to make it easy to establish and grow your business in Metro Vancouver.

Ready to invest?

Chris Heine

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Opportunity, Amplified.
In a region like no other.