

Life sciences **Ingenious solutions to contemporary health problems**

The life sciences sector includes biopharmaceuticals; fine chemicals; biological, diagnostic and therapeutic products used for human medical purposes; and medical supplies/equipment manufacturing.



Reflecting its key role, the healthcare field offers a wide range of rewarding business opportunities. The province of Quebec is undergoing the most sweeping demographic transformation in the Western world, with the proportion of residents over age 65 projected to double from 12% in 1996 to 24% in 2026.



OUR STRENGTHS

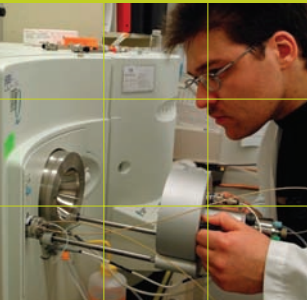
The Quebec City region is a hub for top international researchers in the fields of cardiology, functional foods, genomics, immunology, infectious diseases, obesity, oncology, neurosciences and nutraceuticals. Innovative companies provide a comprehensive line of services, including extraction of molecules, clinical research, diagnostics and state-of-the-art medical solutions!

- 34 companies
- 2,350 employees
- Annual sales: \$450 million
- Annual growth rate: 20%
- 50 R&D units
- 3,650 researchers

One of Canada's largest biomedical research centers is located in Quebec City.

MARKET LEADERS

- Aeterna Zentaris
- Becton Dickinson
- DiagnoCure
- GlaxoSmithKline
- SFBC Anapharm
- Medical Intelligence
- Victhom Human Bionics
- Medicago
- Steris
- Stryker



Fostering innovation through research

- Five hospital research centers and two research institutes
- Center for Functional Genomics
- NeuroCité research facility
- Merck Frosst/CIHR Research Chair in Obesity – the first of its kind in Canada

Quebec City is also home to the Canadian headquarters of multinational SFBC Anapharm, a leader and pioneer in the field of clinical research benefiting pharmaceutical and biotechnological companies.
Market valuation: nearly \$400 million

Partnership projects

- International technology transfer model
- Internationally recognized Brain Disease Research Institute
- Diagnostic platform for cardiovascular diseases

A booming sector!

Recent regional investments (2005)

- Expansion of the Laval Hospital Research Center (\$36 million)
- Construction of the Center for Functional Genomics (\$40 million)
- Centralization of SFBC Anapharm's operations in Quebec City (\$32 million)
- Construction of the Multidisciplinary Center for Tissue Engineering Development (\$23 million)
- Creation of the Merck Frosst/CIHR Research Chair in Obesity

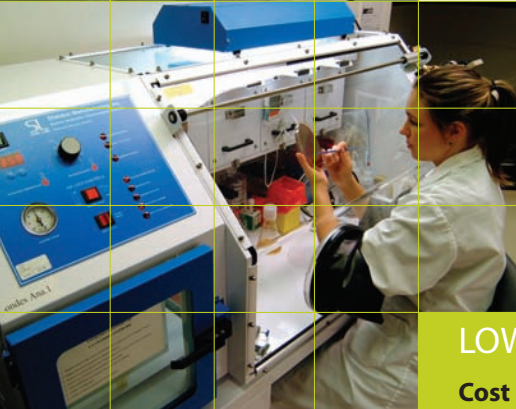
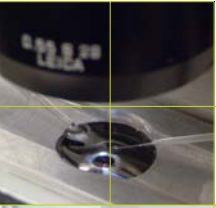
International networking opportunities

- BioContact Quebec – annual biopharmaceutical symposium with over 1,200 participants from around the world www.biocontact.qc.ca
- BioJunior Quebec – unique opportunity for emerging tech companies (in operation for three years or less) to meet with potential investors and business partners
- BioQuebec – provincial network of bio-industrial and life sciences companies www.bioquebec.com
- Quebec Center for Biotechnology Enhancement – supports technology development and transfers between researchers and small businesses
- TransBIOTech – collegiate biotechnology transfer center

Cutting-edge training

Integrated training, including both college and university programs:

- Four regional colleges offer pre-university and technical programs
- Two regional universities offer specialized life sciences training



LOWER OPERATING COSTS

Cost advantages: Quebec City region

Country	Biomedical R&D	Clinical trials
U.S.	20%	34%
France	13%	15%
Canada (other regions)	7%	12%

Source : KPMG 2006



Developed by Medical Intelligence, the Columba geo-positioning phone bracelet prevents wandering among people suffering from cognitive disorders, including Alzheimer's disease and other forms of dementia.

