

Life Sciences

We have life sciences down to a science, and an art.

In Halifax, we have the art and science that makes life sciences a success. Collaboration, expertise, and ambition? It's all here.



In Halifax, we have both sides that make the whole a success. The science? Check. That's the brilliant researchers, our skilled medical professionals, and our ambitious academic institutions. The art? Check. That's the creative way our individual partners work together.

Life sciences is thriving in Halifax because of the collaborative approach shared by innovative thinkers at our research institutions—Dalhousie University, the Brain Repair Centre, the IWK Health Centre, the QEII Health Sciences Centre, the National Research Council, The Life Sciences Research Institute, Perennia Innovation Centre, and BioNova, among others.

These productive partnerships help explain why our health and life sciences cluster is home to over 100 companies, with revenues in excess of CAN \$300 million, and over 15,000 experts in their respective fields.



\$300 Million

Annual Sales



7

Major research institutions



22,000+

Employed in Halifax



70+

Major companies in Halifax



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Visit our Website:

www.SmartCityHalifax.com

Have a question about a specific Life Science sub sector? Contact us today.

Medical technology

Diagnostic imaging, non-imaging diagnostics, therapeutic medical devices, assistive devices, pacemakers, artificial heart valves, hip implants, synthetic skin, medical laboratory diagnostic instruments, cholesterol level test kits, and more.

Digital health

Telemedicine and Telehealth, mHealth (mobile health), big data, wearables and implantables, healthIT, and other applications.

Pharmaceuticals and vaccines

Rapid antigen test for COVID-19, pharmaceuticals to treat antibiotic resistant microorganisms, a new class of cancer immunotherapies, and immuno-oncology efforts that are addressing some of the most devastating diseases in today's medical landscape.

Natural health products

The development of vitamins and minerals, herbal remedies, homeopathic medicines, traditional medicines, probiotics, and products like amino acids and essential fatty acids.

BioProducts

biofuel produced from marine algae, agricultural growth enhancers from seaweed, cellulose-based biochemicals from wood waste, pharmaceutical ingredients isolated from lobster processing waste, and other innovations.

Neurology

With four clusters of ground-breaking research activity in neurology, a rich academic and health sciences culture, and over 200 clinical trials underway, Halifax is a focal point for new discoveries and advancements in neurology. Researchers are improving lives for people with brain injury, Alzheimer's, migraines, and other brain illnesses.

Oncology

Halifax researchers are at forefront of technologies aimed at predicting, treating, and minimizing the occurrences of cancer in the population. Our innovation in software, radiotherapy, immunotherapies, and education are contributing to the global fight against this chronic disease.

Halifax is a leader in companies that specialize in the life sciences.



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