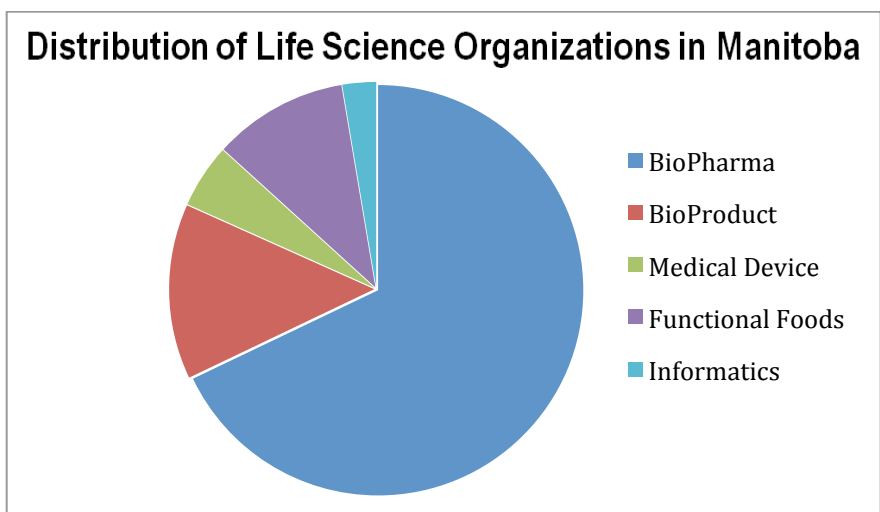




Manitoba life science organizations are leaders in the areas of medical device development and commercialization, biopharmaceutical research and manufacturing, infectious disease identification and management, agricultural biotechnology and bioproducts, and informatics. Winnipeg alone is comprised of world-class universities and over 50 research and development institutions. In addition, there are over 160 laboratories and scientific technical consulting organizations to serve the industry.

Manitoba's Life Sciences industry is most active in five key sectors:

- BioPharmaceuticals
- Medical Devices
- BioProducts/Industrial Biotech
- Functional Foods & Nutraceuticals
- Informatics



Sources: Canadian Business Patterns Database, 2010; Bioproducts Production and Development Survey, Statistics Canada, 2009;

<http://www.lsam.ca/bioscape>

Established biotechnology companies, like Cangene Corporation, Valeant, and Vita Health, choose to conduct their business in Manitoba. A growing numbers of companies like Medicure, Diamedica and SciMar are electing to locate their business in the province. Manitoba is also home to a number of key medical device companies, including Miraculins, Sphaera, Monteris and IMRIS; their innovations are changing the face of healthcare as we know it. <http://www.lsam.ca/building/health>





NATIONAL BIOTECHNOLOGY WEEK

16-23 SEPT. 2011

The Province is ideally positioned to capitalize on the emerging revolution of bioproducts. This region offers abundant biomass resources and benefits from an established bioproducts industry. In total, biomass feedstock production capacity in the province is in excess of 18 million tonnes of agricultural and forest lingo cellulosic biomass, cereal grains biomass, and oil seed biomass. The biomass resources, combined with Winnipeg's diversified and highly efficient manufacturing sector, offer tremendous potential for production of a vast set of bioproducts; including bio composites biofuel, bioenergy and other biomaterials.

<http://www.lsam.ca/building/industrial-biotech/initiatives>

Manitoba is recognized as a leading research and development centre for functional foods, and represents a tremendous value-added growth opportunity for Manitoba and the Canadian agri-food industry. There are over 40 active organizations in the province's functional foods and nutraceuticals sector, including the Richardson Centre for Functional Foods and Nutraceuticals.

Manitoba is home to a variety of other innovative and respected research facilities, including:

- The National Research Council's Institute for Biodiagnostics
- The Canadian Science Centre for Human and Animal Health
- Agriculture and Agri-Food Canada's Cereal Research Centre
- Canadian International Grains Institute
- Canadian Centre for Agri-Food Research in Health and Medicine
- Manitoba Institute of Cell Biology
- Manitoba Institute of Child Health
- St. Boniface General Hospital Research Centre
- Manitoba is also home to two world-class universities, the University of Manitoba and the University of Winnipeg, as well as the province's leading applied sciences college, Red River College.

At LSAM, it is our vision that the Manitoba life science industry realizes local and global successes in innovation and commercialization advancement. We strive to achieve this by providing leadership and support for the sustainable development of the life science industry in the province.

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