

LIFE SCIENCES

Our Competitive Edge

- Saskatchewan is recognized as one of the world's leading agricultural biotechnology research centres, with 30% of the Canadian industry, including national and international players with worldwide reputations
- Innovation Place in Saskatoon is one of North America's most advanced research parks for agriculture, pharmaceuticals and the environment
- The University of Saskatchewan (U of S) is a world leader in agricultural crop research and home to one of Canada's largest clusters of research organizations; the U of S has the most comprehensive range of life science colleges in Canada – all with strong research programs
- The University of Regina (U of R) has major research strengths in several areas including health, energy, the environment and informatics; the U of R is home to several interdisciplinary units conducting intensive health research, including the province's only gerontology research centre
- The Canadian Light Source – Canada's first synchrotron facility (located in Saskatoon) – is an important research tool to support drug and medical imaging research
- There is a strong tradition of innovation and multidisciplinary capabilities in life science research at the University of Saskatchewan and the University of Regina
- The Institute of Agricultural and Rural Environmental Health – unique in Canada – is dedicated to studying the health effects of agricultural exposures on rural populations
- The Saskatchewan Drug Research Institute links the pharmaceutical industry and Saskatchewan drug researchers in all areas of development
- The Vaccine and Infectious Disease Organization - International Vaccine Centre (VIDO-InterVac) is a world leader in developing vaccines and immunity-enhancing technologies against infectious diseases
- The International Vaccine Centre (InterVac) – Canada's newest lab for protecting humans and animals against emerging infectious diseases – is one of the largest facilities of its kind in North America
- Saskatchewan has a comprehensive life sciences directory lists companies and research activities in the life sciences industry in Saskatchewan
- We have state-of-the-industry research facilities renowned for breakthrough discoveries and the ability to market them, with additional research capabilities through hospitals, rehabilitation and long-term care facilities

Innovation and Opportunity

Build on our Research Strengths

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| • Aging and health | • Cardiovascular research | • Disease diagnostic protocols |
| • Biomedical research | • Stroke research | • Immunology |
| • Chronic pain | • Infectious diseases | • Reproductive sciences |
| • Health services research | • Vaccine technology and rational drug design | • Biomedical imaging |
| • Neurosciences | | |

Ag Biotech – Setting the Pace

- Saskatchewan researchers have created the world's first genetically modified commercial canola variety and the first genetically engineered animal vaccine
- The province is home to North America's largest legume and cereal microbial inoculant manufacturing centre – with ongoing research and development of new products
- Canada's agricultural genomics centre – Saskatoon is in the forefront of this research

Government Committed to Growth

- Significant support through funding programs such as the Agriculture Development Fund and the Innovation and Science Fund
- Facilitates knowledge and technology transfer through the support, development and growth of local manufacturing consortiums

Opportunities for Growth

- Join us as we expand and build on our strengths in:
 - Pharmaceuticals
 - Manufacturing medical devices and equipment
 - Genomics
 - Animal health products, animal vaccines and food safety products
 - New crop varieties and crop variety identification systems
 - Microbial bio-controls
 - Microbial bio-fertilizers and plant nutrient systems
- Work with us to develop and market emerging product areas:
 - Plant micropropagation
 - Biological water quality detection systems
 - Cosmetics and skin care products
 - Bio-pharmaceuticals and bio-industrial feedstocks

The Investment Climate

- Saskatoon has developed a critical mass of private companies and research facilities, sparking new growth and development
- Ag-West Bio's focus centres on products derived from living organisms with market applications in agricultural, environmental, industrial, energy and bio-processing, and health and nutrition markets
- The 2008 KPMG study comparing business costs in 136 cities across Europe, Japan and North America found Saskatchewan cities are *very cost competitive*, especially in the areas of biomedical, clinical trials, electronic systems and pharmaceutical manufacturing

The Bottom Line

- The Corporate Capital Tax for businesses has been eliminated
- The Corporate Income Tax rate for manufacturers in Saskatchewan can be as low as 10% through our manufacturing and processing profits tax reduction
- The Investment Tax Credit for building, machinery equipment purchases for manufacturing and processing is a fully refundable 5% tax credit
- 100% of eligible R&D expenses can be used against net income for calculating federal tax credits
- We offer a 15% provincial tax credit for scientific research and development expenditures

Want to know more? Contact:

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Disclaimer: The information in this document is accurate as of May 2011; however the Government of Saskatchewan accepts no liability for any actions taken as a result of the information contained herein.