**ON THE MAP**
**Recent foreign investments in Canada's biopharmaceutical sector**

**$100 million.** French firm **Sanofi Pasteur** invested $100 million in a new R&D facility in Ontario in 2008.

**$140 million. Charles River Laboratories International**, of Massachusetts, will open a pre-clinical services facility in Quebec in 2009, employing an estimated 1,000 people.

**$178 million. GlaxoSmithKline** invested more than $178 million in Canadian R&D in 2007 alone, ranking it among the top 15 contributors to R&D in Canada, across all industries. GSK has operations throughout Canada, with facilities in Nova Scotia, Quebec, Ontario, Alberta and British Columbia.

**$80 million.** In 2007, **Sandoz**, a member of Switzerland's Novartis Group, announced an $80-million investment to expand its operations in Quebec.

## CANADA'S LIFE SCIENCES LEADERSHIP

Canada is internationally recognized for its numerous contributions and expertise in the following Life Science areas:

**Biopharmaceuticals** Human health represents over half of all life science companies, 70 percent of all revenues and close to 90 percent of all R&D. Canada is globally recognized for Discovery & characterization of therapeutic molecules, Genomics & proteomics platforms, Vaccines & immunotherapeutics, Regenerative medicine & stem cell research and Drug formulation & delivery systems.

**Medical Devices** Some 1,000 small and medium-sized firms employ 26,000 people in this sector in Canada. In 2007, Canadian medical devices companies generated total revenues of $4 billion and exports of $2.4 billion. Canadian firms benefit from this country's strengths in related sectors such as advanced materials, microelectronics, telecommunications, etc. Canada has proven expertise in In-vitro diagnostics, Medical imaging & analysis, Nuclear medicine, Surgical & implant devices, Advanced materials & nanotechnology, and Cardiovascular devices.

**Life Sciences Services** Canada is home to high-quality contract research and manufacturing services utilized by the world's top pharmaceutical companies. Canada is recognized for its advanced services in Drug formulation & delivery systems, Clinical trials, Manufacturing & packaging, Design & manufacture of high-value medical devices, and Analytical services.

## EMPOWERING EXCELLENCE

At their core, Canada's biotechnology clusters all have major research institutes and universities that provide access to publicly-funded equipment, services and expertise. These networks also promote cooperation across sectors, to take innovations quickly from the lab to the marketplace.

The Government of Canada's leading research institutes and funding agencies foster innovation. They include the Canadian Institutes of Health Research, Genome Canada, the Canada Foundation for Innovation, Canada Research Chairs, the National Research Council's six research institutes and the Canadian Bioinformatics Resource.

Canadian governments also support the Networks of Centres of Excellence program, a Canada-wide consortium of researchers engaged in a variety of research disciplines. These include the Bacterial Diseases Network, the Genetic Diseases Network, the Protein Engineering Network and the Health Evidence Application and Linkage Network (HEALNET).