

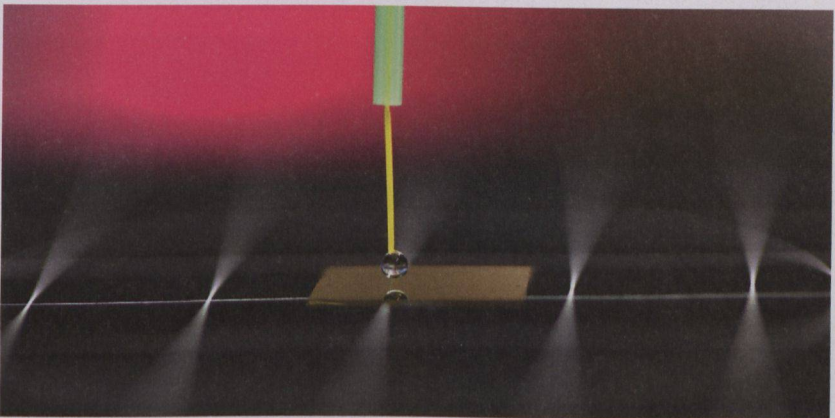
LIFE SCIENCES

Biopharmaceuticals

- **Innovation.** Incentives and grants from federal, provincial and local governments help ensure well-funded collaborative R&D. Three of the top foreign R&D investors in Canada spent a combined total of nearly \$300 million in research activities in 2010 and rank among the top R&D firms in Canada.
- **Industry structure.** Although life-sciences activity is spread across the nation, clusters can be found in major cities in Ontario, Quebec and British Columbia, particularly where universities, research parks and incubators are adjacent to one another. Ontario and Quebec account for most of the industry's activity, with 40,000 employees and more than 300 companies covering the whole spectrum of biopharmaceutical activities, from brand-name and generic pharma combined (24,000 employees), biotech (close to 5,000) as well as contract manufacturing (4,000) and research (more than 7,000).

Medical Devices

- **Large, diversified and innovative.** With exports totalling more than \$2.3 billion (2011), more than 1,000 firms and a workforce of 25,500, Canada's medical-devices industry is one of the largest in the world. It produces a wide range of unique and innovative diagnostic and therapeutic products. Some key specialties include medical imaging, dental implants and materials, prosthetics, analytical instruments and advanced materials, as well as assistive devices and home healthcare products. It is also highly innovative with recent breakthrough related to HIV diagnosis and monitoring.



Contact angle goniometer measuring the angle of a liquid on a surface at the NRCC's Institute for Health and Nutrisciences in Charlottetown, Prince Edward Island. Photo courtesy of National Research Council Canada (NRCC)