

THE MISSION

The National Research Council's Biotechnology Research Institute (BRI) was created to act as a centre of excellence dedicated to biotechnology research aimed at industrial development. Its mission is to conduct generic research, oriented towards industrial development. It acts as a research catalyst and communications centre, a bridge between industry and universities.

THE OBJECTIVES

The permanent objectives of the Institute are:

- 1) to carry out research and development activities in areas chosen, in consultation with industry and public organizations, as being the most important to Canada's economic development;
- 2) to invest, in cooperation with Canadian industry, in fields where private sector financing of research activities could not be justified;
- 3) to promote research and development in industries where biotechnological products and processes offer better substitutes;
- 4) to foster joint research projects with industry, universities and other research facilities.

The Institute employs some 200 scientists and technicians and supports up to 80 guest workers from the industrial sector. It also accommodates and welcomes visiting scientists from industries, international agencies and universities. In addition to its world-class laboratories, it has large modern fermentation and pilot-plant facilities available to industry.

MANDATE AND AREAS OF RESEARCH

MANDATE:

- Applications in the agriculture, food products, forestry and chemical sectors.
- Waste treatment and chemical engineering.
- Pharmaceutical research.
- Making its facilities available for private industrial research.

AREAS OF RESEARCH

- Biochemical engineering: bio-reactor design, operation, separation and purification processes.
- Applied microbiology.
- Genetic engineering; chemical or biological synthesis of DNA and RNA.
- Enzyme engineering: protein characterization.
- Cell fusion and molecular immunology.

INFORMATION

For information concerning the Biotechnology Research Institute, contact:

Dr. Maurice Brossard

Vice-President, Biotechnology and Chemistry
National Research Council Canada

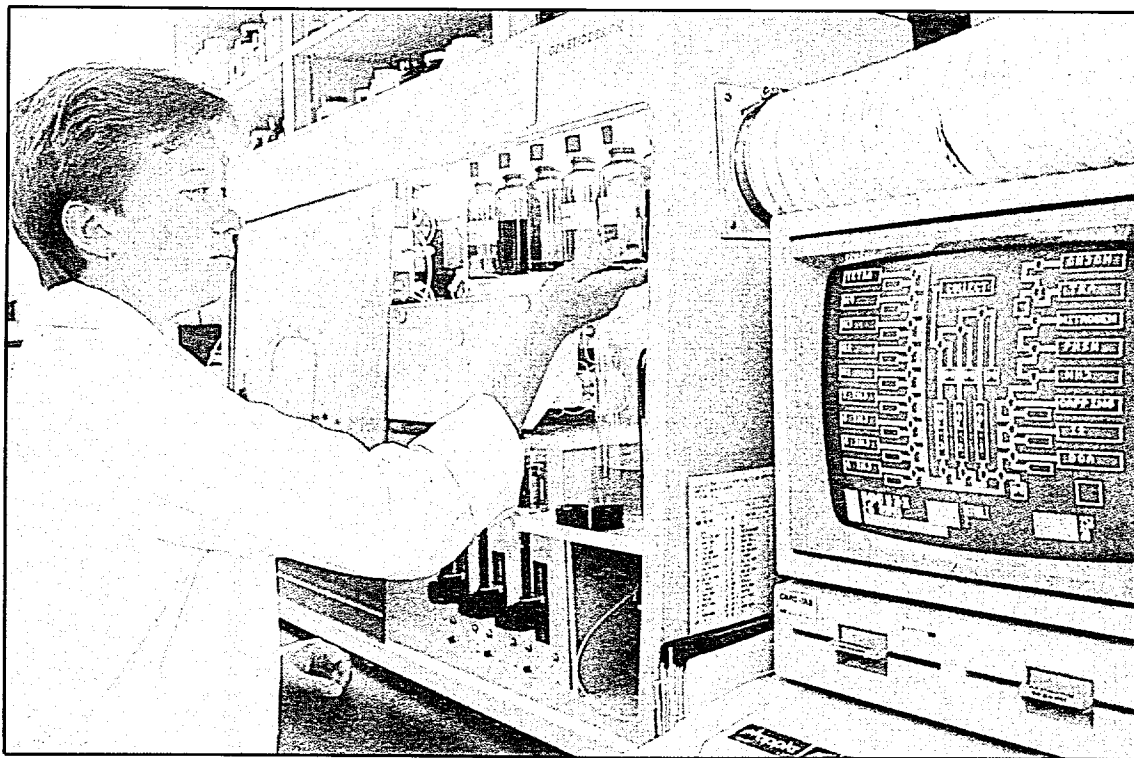
Ottawa, Ontario

K1A 0R6

Telephone:

Ottawa: (613) 993-1200

Montreal: (514) 283-4151



Automated gene synthesis – the "gene machine".