
A FLOWER OF QUEBEC BIOMEDICAL RESEARCH

MONTREAL CLINICAL RESEARCH INSTITUTE

The Montreal Clinical Research Institute (IRCM) is a high-profile biomedical research institute located in the heart of Montreal's academic community. Founded in 1967, the IRCM was the first research centre in Quebec to bring together basic and clinical researchers under the same roof. A unique model, the IRCM is now one of the best performing research centres in the country.

A NATIONAL LEADER

The IRCM is the best research centre in biomedicine in Quebec according to the latest published classification made by the Government of Quebec in 2015, given the level of research grants awarded by the Canadian Institutes of Health Research. The IRCM also ranks first among the research centres affiliated with the Université de Montréal for grants from the Government of Canada.

THE IRCM AT A GLANCE

- Independent non-profit institution
- Affiliated with the Université de Montréal
- Associated with McGill University
- IRCM Clinic associated with the Centre hospitalier de l'Université de Montréal (CHUM)
- Funded by the Ministère de l'Économie et de l'Innovation (Quebec ministry of Economy and Innovation)
- Member of Université de Montréal's Réseau universitaire intégré de santé
- 450 researchers, students and employees
- \$30,18 millions in research funding for 2017-2018

INFORMATION

ANNE-MARIE BEAUREGARD, Communication Advisor
514 987-5555 / anne-marie.beauregard@ircm.qc.ca

MISSION

- To understand the causes of diseases.
- To find diagnostic tools and means of prevention and treatment.
- To train a new generation of high-calibre scientists.
- To contribute to Quebec's socio-economic development by facilitating the commercial development of discoveries.

DISCOVERING: FUNDAMENTAL RESEARCH

- 5 research divisions: Cancer and Genetic Diseases | Cardiovascular and Metabolic Diseases | Immunity and Viral Infections | Neurobiology and Development | Systems Biology and Medicinal Chemistry
- 36 research units (laboratories)
- Over 195 scientific publications in 2017-2018



TREATING AND HEALING: CLINICAL RESEARCH

The IRCM clinic, entirely dedicated to research: a reference in Quebec:

- 3 specialized research clinics: Cholesterol | Diabetes | Hypertension
- 24 specialized physicians
- Multidisciplinary team: Kinesiologists | Nurses | Nutritionists | Genetic Advisor
- 11,000 visits of patients per year

Research Centre on Rare and Genetic Diseases in Adults:

- 3 specialized research clinics: Genetic Dyslipidemias | Primary Immunodeficiency | Rare Kidney Disease

TRAIN: A NEW GENERATION OF HIGH-CALIBRE SCIENTISTS

- Students enrolled at the Université de Montréal or at the McGill University
- 129 students (Master's and PhD)
- 56 postdoctoral fellows
- Master's in Molecular and Cellular Medicine
- 33 medical residents

INNOVATING: CORE FACILITIES AND PLATFORMS

7 core facilities

- Animal facilities and animal experimentation | Bioinformatics | Flow cytometry | Histology | Microscopy and imaging | Molecular biology and functional genomics | Microinjection and transgenesis

3 research platforms

- National platform for human interactome mapping | Proteomics discovery platform | Research platform on obesity, metabolism and diabetes

3 specialized services

- Electrophysiology | Nuclear magnetic resonance | Specialized equipment

CONTRIBUTING: TECHNOLOGICAL TRANSFER

- 67% of IRCM researchers shared their discoveries with the Technology Transfer Office
- \$6.8 millions in revenue for the Institute, its laboratories, and its researchers accumulated over the past 12 years
- 39 patents duly issued for major discoveries in the past 32 years

THE EXCELLENCE OF OUR RESEARCHERS RECOGNIZED

- 21 honorary doctorates
- 1 Royal Society of London fellow
- 13 Royal Society of Canada members
- 10 Acfas Awards (Association francophone pour le savoir)
- 4 Wilder-Penfield Prizes (Government of Quebec biomedical award)
- 7 Canada Research Chairs
- 10 Order of Canada members
- 10 Ordre national du Québec members
- Over 1,300 researchers trained at the IRCM since its foundation



THE IRCM'S ANNUAL REPORT HIGHLIGHTS THE INSTITUTE'S MOST RECENT ACCOMPLISHMENTS. YOU CAN READ IT ON THE IRCM WEBSITE: WWW.IRCM.QC.CA