

Princess Margaret Cancer Centre

ONE OF THE TOP 5 CANCER RESEARCH CENTRES IN THE WORLD

RESEARCH PERFORMANCE



Ranks 4th for percentage of papers published in high-impact oncology journals, and 4th for percentage of highly cited papers¹



1 in 6 patients participating in a clinical trial



Canada's largest and one of the world's top-rated clinical trial programs

388,591 ft²
Research Space

10 floors at Princess Margaret Cancer Research Tower and 3 floors at Princess Margaret Cancer Centre are dedicated to research. This is larger than five soccer fields combined.



SCALE



17,751
new patients a year



World's largest single-site radiation medicine program delivering over 10,300 treatment courses



International partnerships with centres in Qatar, Italy, Jordan, India, Spain, China, Kenya, Ethiopia, Ghana

Over **3,000** people in our research and clinical care enterprise, including²

855
Researchers and Research Staff

176
Oncologists

533
Nurses

488
Allied Professionals*

948
Clinical Trainees

BREADTH



200+
200+ types of cancer treated including many of Canada's most complex and rare cases



One of the largest surgical oncology teams in the world with 72 surgeons



Canada's first centre to use genetic "fingerprints" to precisely diagnose patient cancers

A WORLD LEADER



Stem Cells in Cancer



Immunotherapy



Cancer Genomics, Epigenetics and Bioinformatics



Tumour Biology and Imaging



Bio Discovery and Drug Development

TRACK RECORD

WORLD FIRSTS

- Stem cells
- Cloning T-cell receptor
- Colon cancer stem cells
- Lung cancer gene signature
- New view on how blood is made
- Root cause of myeloma relapse
- Liquid biopsy biomarkers to identify aggressive prostate cancer



Dr. Tak Mak – *SCIENTIFIC SUPER STAR*

World-renowned pioneer in immunology research, cited over 99,000 times. Developed novel drugs including 2 currently in clinical trials for cancer.



Dr. David Jaffray – *WORLD RENOWNED MEDICAL PHYSICIST AND INNOVATOR*

– World leader in image-guided radiation, with over 10 patents and 240+ peer-reviewed publications, EVP of Technology and Innovation at UHN and founding Director of Techna Institute.



Dr. Mary Gospodarowicz – *WORLD RECOGNIZED ONCOLOGY LEADER*

– Medical Director, Princess Margaret Cancer Centre, globally recognized radiation oncologist, mentor and researcher, 250+ peer-reviewed publications, Officer of the Order of Canada 2015.

¹ Based on 2012-2015 data.

² Numbers reflect 2016 research and clinical care enterprise. For more information, please visit www.thepmcf.ca or call 416-946-6560.

*Includes professionals working in areas such as Occupational Therapy, Spiritual Care, Nutrition and Psychology