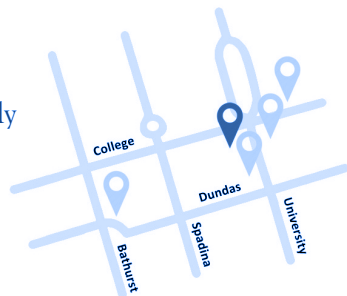


# Princess Margaret Cancer Centre

2017 Research Fact Sheet

## About the Princess Margaret (PM) Cancer Centre

Known previously as the Ontario Cancer Institute, the PM Cancer Centre is home to world-class cancer care, research and training. The Centre also includes The Campbell Family Cancer Research Institute and The Campbell Family Institute for Breast Cancer Research, and is located on University Avenue in downtown Toronto.



## Research Areas



The Centre focuses on cancer research across various fields and disciplines, including genomics, informatics, molecular biology, signalling, structural biology, health services and biophysics.

## Foundation



Since 1982, The Princess Margaret Cancer Foundation has raised over \$1 billion for cancer research. The Foundation uses various successful fundraising approaches, such as lotteries and widely attended marathons. Visit [www.thepmcf.ca](http://www.thepmcf.ca) to learn more.

## Selected Research Advancements



**Fighting Rare Childhood Cancer** Dr. Daniel De Carvalho co-led a study that identified three subgroups and effective treatments for a rare childhood tumour known as an atypical teratoid rhabdoid tumour. *Torchia J, et al. Cancer Cell. 2016.*



**Molecule may Impact Disease** Dr. Hansen He identified a group of 45 long non-coding RNAs—molecules with unknown function that are similar to DNA—associated with prostate cancer risk. *Guo H, et al. Nat Genet. 2016.*



**Genetics behind Nerve Tumours Described** Drs. Gelareh Zadeh and Kenneth Aldape mapped the genetics of nerve tumours (ie, schwannomas) and identified an abnormal gene that could be used to develop targeted therapies. *Agnihotri S, et al. Nat Genetics. 2016.*



**Powerful Prognostic Developed** Dr. Jean Wang identified a set of 17 genes that can better predict treatment response in acute myeloid leukemia than currently available biomarkers. *Ng SW, et al. Nature. 2016.*

## Researchers



48 Senior Scientists  
16 Scientists  
15 Affiliate Scientists  
1 Assistant Scientist  
293 Cancer Clinical Research Unit Members  
373 Total Researchers

## Trainees



91 Fellows  
103 Graduate Students  
194 Total Trainees

## Support



855 Support Staff

## Research Funding



\$154,058,701

## Research Space



388,591 sq. ft.

## Peer-Reviewed Publications



1,312