



**AMGEN**<sup>®</sup>

Pioneering science delivers  
vital medicines<sup>™</sup>

## Amgen Canada

Amgen applies science and innovation to help fight serious illness and dramatically improve people's lives. With Canadian headquarters located in Mississauga's vibrant biomedical cluster, and a research facility in Burnaby, British Columbia, Amgen's Canadian affiliate has been an important contributor to Canada's biotechnology sector since 1991.

Amgen serves patients throughout Canada by delivering vital medicines to them. In addition, Amgen contributes to the development of new therapies or new uses for existing medicines in partnership with many of Canada's leading healthcare, academic, research, government and patient organizations. Today, tens of thousands of Canadians use Amgen medicines every year, and thousands more are enrolling in Amgen clinical studies that deliver the next generation of innovation.

### Commitment to Improve Canada's Healthcare System

As a global leader in developing and delivering breakthrough biologic medicines that improve the health and well-being of patients dealing with serious illnesses, Amgen is committed to working with Canada's federal and provincial governments and other stakeholders to develop practical, cost-effective and long-term ways to sustain and improve Canada's healthcare system. Biologic medicines have the ability to change the practice of medicine like never before, and Amgen welcomes the opportunity to work together with patients, doctors, researchers, industry, healthcare practitioners and government to find healthcare solutions that are in the best interests of all Canadians.

### An Integral Part of the Canadian Economy

Named one of Canada's Top 100 Corporate R&D Spenders, Amgen understands the importance of its operations to the continuing growth and success of the bioscience industries in Canada. The company's efforts in clinical operations, sales and marketing and other areas play a part in strengthening the Greater Toronto Area biotechnology cluster of companies, government and educational institutions and in growing Canada's leadership in biotechnology. As the region's biosciences sector has grown, Amgen has grown its own business in Canada, creating over 400 new jobs and introducing innovative medicines to Canadian healthcare providers and patients.

Amgen British Columbia, one of several research facilities operated by Amgen, specializes in the discovery and development of human therapeutic antibodies. In 2006, the research center, located in Burnaby, became part of Amgen. It currently employs over 50 people, including research scientists and support staff.

#### QUICK FACTS

##### Locations

Mississauga, Ontario  
Burnaby, British Columbia

##### Staff

Burnaby – Approx. 50  
Mississauga – Approx. 200  
Field employees across the country –  
Approx. 150

##### Key Functions

###### Burnaby

- Research

###### Mississauga

- Clinical Development & Scientific Affairs
- Commercial Operations
- Administrative Functions

##### Address/Phone

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#### HISTORY IN CANADA

- 1991 – Amgen Canada founded in Mississauga
- 1992 – Launch of NEUPOGEN<sup>®</sup>
- 1999 – Launch of STEMGEN<sup>®</sup>
- 2002 – Launches of Aranesp<sup>®</sup> and Kineret<sup>®</sup>,  
Amgen acquires Immunex, including  
Enbrel<sup>®</sup>
- 2004 – Launch of Neulasta<sup>®</sup> and Sensipar<sup>®</sup>
- 2005 – Kevivance<sup>®</sup> approved for use in  
Canada
- 2006 – Amgen acquires Abgenix, Inc.,  
including its Burnaby R&D group
- 2008 – Launch of Vectibix<sup>®</sup>
- 2009 – Launch of Nplate<sup>®</sup>
- 2010 – Launch of Prolia<sup>®</sup>
- 2011 – Launch of XGEVA<sup>®</sup>
- 2015 – Launch of Repatha<sup>®</sup>
- 2016 – Launch of Blincyto<sup>®</sup>
- 2016 – Launch of Kyprolis<sup>®</sup>

## AMGEN MEDICINES AVAILABLE IN CANADA

### Oncology

Aranesp® (darbepoetin alfa)  
Neulasta® (pegfilgrastim)  
NEUPOGEN® (filgrastim)  
Vectibix® (panitumumab)  
XGEVA® (denosumab)  
Blinicyto® (blinatumomab)  
Kyprolis® (carfilzomib)

### Nephrology

Aranesp® (darbepoetin alfa)  
Sensipar® (cinacalcet)

### Rheumatology

Enbre® (etanercept)

### Dermatology

Enbre® (etanercept)

### Bone Health

Prolia® (denosumab)

### Hematology

Nplate® (romiplostim)

### Cardiology

Repatha® (evolocumab)

## ABOUT AMGEN

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. This approach begins by using tools like advanced human genetics to unravel the complexities of disease and understand the fundamentals of human biology.

Amgen focuses on areas of high unmet medical need and leverages its biologics manufacturing expertise to strive for solutions that improve health outcomes and dramatically improve people's lives. A biotechnology pioneer since 1980, Amgen has grown to be the world's largest independent biotechnology company, has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential.

For more information, visit [www.amgen.ca](http://www.amgen.ca) and follow us on [www.twitter.com/amgen](https://www.twitter.com/amgen).

## Clinical Trials

Amgen Canada conducts a significant number of clinical trials with leading academic research institutions, hospitals, and clinics throughout Canada. Amgen Canada's Development Operations team, working with colleagues around the world, participates in Amgen global clinical programs spanning phases 1–4 in nephrology, oncology, hematology, inflammation, bone health, cardiology, metabolic disorders and neurology. Since 1994, more than 16,000 patients have enrolled in Amgen clinical trials in Canada. Currently approximately 800 Canadian patients are enrolled in some of the 43 active trials at over 250 centres across Canada. Those centres include major teaching hospitals as well as community-based sites. A complete list of Amgen's clinical trials can be found on [www.clinicaltrials.gov](http://www.clinicaltrials.gov).

## Research and Development

One of Canada's Top 100 R&D spenders, Amgen Canada is committed to furthering the innovative research sector in Canada. On an annual basis, Amgen invests approximately CAD \$70 million into R&D in Canada, such as advisory boards, congresses and publications—and on building research infrastructure in Canada.

## Community Involvement

Winner of the BIOTECCanada Gold Leaf Award and the Mississauga Board of Trade Award in recognition of the company's contribution to communities, Amgen is proud to contribute to many philanthropic efforts in the community. Amgen supports numerous education initiatives in partnership with patient groups—initiatives that help Canadian patients and caregivers through the cancer journey and in navigating their treatment landscape be it in bone health, kidney disease or autoimmune disorders.

Amgen is committed to raising the value of science literacy in the community; attracting bright young minds into the field of science by helping educators to teach more effectively; and improving access to science resources for teachers, students and the community at large. Since 2010, Amgen Canada has supported the non-profit group Let's Talk Science, in the development and release of a series of research reports which highlight the importance of science learning for students, parents, teachers and the economy. As a science-based company, Amgen also understands the benefits of science education, how critical STEM is to jobs and how science can power Canada's future prosperity and success for our youth. This is why Amgen is also proud to support Let's Talk Science's latest initiative, Canada 2067, a nation building exercise focused on fostering a STEM culture in Canada and a new vision for education. For more information on the research reports and Canada 2067, visit <http://www.letstalkscience.ca/About-Us/Research-and-Publications#> and [www.canada2067.ca](http://www.canada2067.ca).

Amgen also dedicates substantial resources to strengthen and enrich the community in Peel Region and beyond where staff live and work. Amgen Canada supports the United Way, Visions of Science Network for Learning, Scientists in School, Big Brothers Big Sisters of Peel, Animations Scientifiques Prof Dino, Start2Finish, Simon Fraser University Science in Action Program and the Advanced Coronary Treatment (ACT) Foundation of Canada.

Further, as a leading member of the biotechnology sector, Amgen funds various members within this community including The University of Toronto Mississauga (UTM) Masters of Biotechnology program as well as providing the sponsorship for a Discovery Professorship in Health System Strategy at UTM, an Amgen Canada Fellowship in Biotechnology and a Professorship in Sustainable Healthcare at UBC's School of Pharmacy. Amgen is also an active member of BIOTECCanada and Innovative Medicines Canada.

Three Amgen Foundation global programs are now reaching teachers and students in Canada: the Amgen Scholars Program, The Amgen Biotech Experience Canada through the University of Toronto Mississauga (UTM) and a three-year commitment as exclusive biology content funder of Khan Academy, a free, online learning website.

