



Allergy, Genes and Environment Network
Le réseau des allergies, des gènes et de l'environnement

About AllerGen NCE Inc.

AllerGen NCE Inc., the Allergy, Genes and Environment Network, (est. 2004), is a national research network funded by Industry Canada through the Networks of Centres of Excellence (NCE) Program. AllerGen's mandate is to support research, networking, commercialization, knowledge mobilization and capacity building activities that contribute to reducing the morbidity, mortality and socio-economic impacts of allergic diseases.

Through the creation of an enduring network of allergy and immune disease experts, AllerGen intends to radically improve the quality of life for allergy and asthma sufferers. AllerGen-funded research aims to accelerate the development of new diagnostic tests, better medications, and more effective public policies. AllerGen's investments in education and training improve public education, allergy, asthma and anaphylaxis management, and increase the number of medical professionals researching and practicing in these areas.

AllerGen's Vision

To create an enduring network of allergy and immune disease experts whose discovery and development efforts contribute to reductions in the impact of allergic and related immune diseases nationally and globally.

AllerGen's Mission

To catalyze and support discovery, development, networking, capacity building, commercialization and knowledge translation that contribute to reducing the morbidity, mortality and socio-economic burden of allergic and related immune diseases.

The lifetime risk of being diagnosed with asthma is comparable to that of diabetes or cancer (any type), but while these other chronic diseases tend to develop in older people, asthma is more likely to develop in the young and last a lifetime (To, 2007).

AllerGen invests in:

- ➔ Research undertaken by leading Canadian investigators aimed at the generation of new knowledge about the causes, treatment and prevention of allergic disease, asthma and anaphylaxis;
- ➔ Translation and application of AllerGen research results that reduce the economic and social burden of allergic disease, asthma and anaphylaxis for Canadians and increase economic activity and quality of life;
- ➔ National and international networking and partnership activities to develop increased communication and collaboration between researchers, patients, industry, health care providers and non-profit organizations; and the
- ➔ Development of the next generation of researchers and innovators by creating unique, advanced research and capacity building opportunities in a multidisciplinary and multi-sectoral environment.

Innovation from cell to society



Allergy, Genes and Environment Network
Le réseau des allergies, des gènes et de l'environnement

AllerGen's Strategic Goals are to:

- Catalyze and support **innovative research** that contributes to the **discovery** of the causes of and ways to prevent, control or eliminate allergic and related immune diseases.
- Catalyze and facilitate the **development** of new research platforms, tools, processes, products and services arising from discoveries, and promote their commercialization, their use and their influence on public policy.
- Develop and maintain **networking** and **partnership** arrangements that enable knowledge and technology exchange and exploitation (KTEE) and reposition Canada at the forefront of innovation.
- Create new opportunities for the **training** of highly qualified personnel in allergy research, patient care, innovation and the health system, and advance professional and lay knowledge about allergic and related immune diseases.
- Provide responsible, cost effective and accountable **management**, administration and support to all aspects of AllerGen's activities.

AllerGen's Integrated Research Programme

Programme A – Gene-Environment Interactions

Strategic Focus: Genetics, environmental exposures and gene-environment interactions in allergy and asthma

Programme B – Diagnostics and Therapeutics

Strategic Focus: Biomarkers, immune monitoring and drug development/discovery

Programme C – Public Health, Ethics, Policy and Society

Strategic Focus: Allergic disease management and surveillance

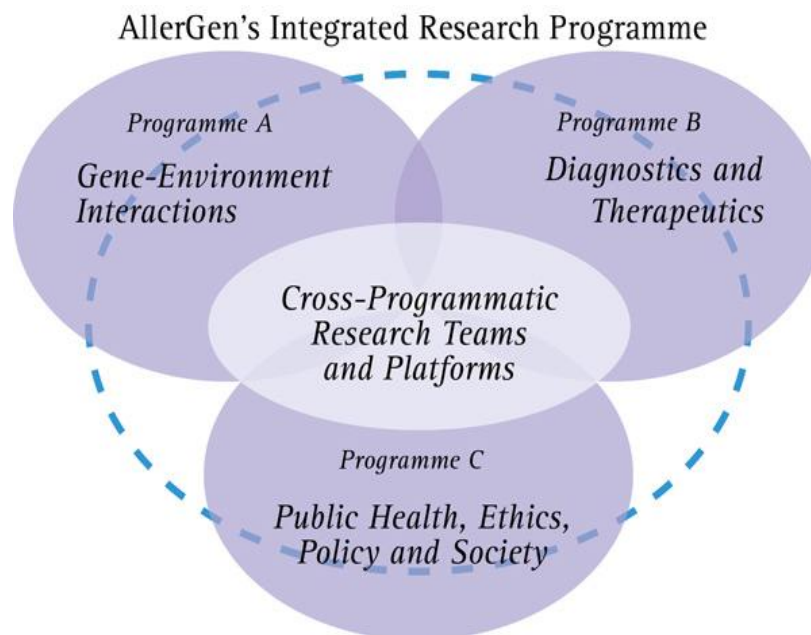
Cross-Programmatic Research Teams and Platforms

Established Cross-programmatic Teams

*The Canadian Healthy Infant Longitudinal Development (CHILD) Study
Food Allergy and Anaphylaxis*

Emerging Cross-programmatic Teams

*Mind-Body Interactions and Allergic Disease
Occupational and Work-related Allergy and Asthma*



AllerGen Fast Facts*	
Network Research Partners across sectors:	109
Highly Qualified Personnel (HQP) in Network:	426
<i>HQP working on Network research:</i>	276
<i>Other participating students & new professionals</i>	150
Investigators and Collaborators (Unique):	178
<i>Principal Investigators:</i>	49
<i>Co-Investigators:</i>	61
<i>Collaborators:</i>	68
Full-time Equivalent Network Research Personnel:	340
Research Programme Projects:	41
<i>Gene-Environment Interactions:</i>	10
<i>Diagnostic and Therapeutics:</i>	11
<i>Public Health, Ethics, Policy and Safety:</i>	6
<i>Strategic Initiatives:</i>	14
Canadian academic institutions:	20
Canadian research institutes:	14
Total Network Publications:	1019
<i>Publications:</i>	759
<i>Scientific Posters:</i>	260
Global Reach:	
<i>Canadian provinces:</i>	7
<i>International collaborating countries:</i>	10
<i>Partner and Stakeholder Organizations:</i>	208

* Current to September 16, 2011



Allergy, Genes and Environment Network
Le réseau des allergies, des gènes et de l'environnement

Contact the Administrative Centre

AllerGen NCE Inc.

McMaster University
Michael DeGroote Centre for Learning and Discovery, Room 3120
1280 Main Street West Hamilton, ON L8S 2A5
Tel. 905-525-9140 ext.26502
Fax. 905-524-0611
www.allergen-nce.ca

Network Contacts

Dr. Judah Denburg

Scientific Director & Chief Executive Officer
Telephone: 905-525-9140 ext. 26640

Dr. Diana Royce

Managing Director & Chief Operating Officer
Telephone: 905-525-9140 ext. 26502

Carol Ridsdale

Financial Officer
Telephone: 905-525-9140 ext. 26643

Liz Dzaman

Executive Assistant and Corporate Secretary
Telephone: 905-525-9140 ext. 26640

Marta Rudyk

Manager, Communications and Knowledge Mobilization
Telephone: 905-525-9140 ext. 26641

Michelle Harkness

HQP and Events Coordinator
Telephone: 905-525-9140 ext. 26633

Jose Mangles

Manager, Research and Partnerships
Telephone: 905-525-914- ext. 26092

Allison Brown

Research Coordinator
Telephone: 905-525-9140 ext. 26553



AllerGen NCE Inc. is supported by the Government of Canada through the Networks of Centres of Excellence program.