



AllerGen Trainee Symposium, May 29, 2012, Calgary, AB

## 2012 AllerGen Trainee Symposium

The 7th Annual Trainee Symposium was held in Calgary, Alberta from May 27 to 29, 2012. This annual event is part of AllerGen's strategic goal to create value-added opportunities for the training, education and professional development of Highly Qualified Personnel (HQP) working in the field of allergy, asthma and anaphylaxis related research, development, commercialization and knowledge mobilization.

The Symposium provides Network trainees and AllerGen Students and New Professionals Network (ASNPN) members with unique professional development opportunities that go beyond the classroom and lab. It allows for skill and knowledge acquisition that enhances career development and complements academic and scientific training. In addition, the event serves as the perfect networking environment from within which new collaborations arise amongst trainees and young professionals who share interests in allergy and asthma research and clinical practice.

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For further information or any HQP program-related questions, contact:

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Fifty-one AllerGen trainees and ASNPN members attended the symposium - the highest attendance to date - representing an increase of 16% over the previous year. Eleven academic institutions were represented by trainees and new professionals from the University of Calgary (10); University of Manitoba (10), McMaster University (6), University of British Columbia (7), Queen's University (4), McGill University (3), University of Alberta (3), Université de Laval (2), Université de Montréal (2), University of Waterloo (2), University of Toronto (1), and the Karolinska Institutet (1).



Marshmallow Challenge Ice Breaker Game

### 2012 Symposium Participation by Level of Study

- Undergraduate (2)
- Masters (15)
- PhD (13)
- Fellows-in-Training (6)
- PDF (10)
- Research Staff (5)

The Symposium featured workshops on knowledge translation, networking, media, giving feedback, grant and journal writing, interviewing skills and intellectual property. In addition, a unique clinical Case Report was given by Dr. Philippe Bégin, an AllerGen HQP and a FIT at the Université de Montréal. A *Networking for Success Dinner* was held, featuring invited senior researchers from the University of Calgary.

An evaluation of this year's event revealed that ninety-five percent of the participants rated the symposium and the speakers as above average or excellent. Ninety-seven percent would recommend the event to others. Based on the evaluations, the power of networking and its potential benefits for career development was the key message taken away by trainees.

**AllerGen extends special thanks to the following University of Calgary Researchers for participating in the AllerGen Trainee Symposium *Networking for Success Dinner*:**

- |                              |  |
|------------------------------|--|
| <b>Dr. Chris Mody</b>        | Chief and Professor, Department of Internal Medicine and Microbiology and Infectious Disease |
| <b>Dr. Quentin J. Pitman</b> | Professor, Department of Physiology and Biophysics   |
| <b>Dr. Joseph Davison</b>    | Professor, Department of Physiology and Biophysics   |
| <b>Dr. Richard Leigh</b>     | Associate Professor, Division of Respiratory Medicine  |

AllerGen thanks ASNPN members, Jennifer Protudjer, Jeremy Hirota and Philippe Bégin for also acting as hosts at the *Networking for Success Dinner*.

**Trainee Symposium Testimonials**

- “The Trainee Symposium has been and still is, year after year, instrumental for me to develop and utilize the soft skills necessary for a successful academic career. I am so grateful that I was associated with the Network since the earliest stages of my graduate training, as I consider myself to have an edge relative to my peers who are not part of AllerGen. I also developed professional, friendly relationships with many trainees from across the country and can confidently count on them for not only networking opportunities but also for scientific discussion, technical help, peer-review and a friendly coffee when I'm around their neck of the woods”
- “The Networking for Success seminar was exceptional. I have already incorporated changes into my networking practices including carrying business cards, asking how I can help others, and following up once a connection is made. Hopefully these connections manifest into benefits for others, as much as myself”
- “I am a strong believer in the power of networking in our scientific endeavors. Science is no longer the result of a brilliant mind, but of a group of brilliant minds. When people with affinities, and why not, disparities, get together, it just makes it

so much better and easier to move forward. We should be aware that we do not know it all, and we complement each other. The more people that complement you in your network, the more empowered you are to do your research, and the more rewarding it will be. AllerGen's Trainee Symposium gives us the opportunity to develop our networks from this stage and on, along with providing us with many useful training conferences and workshops, all of them aimed at making us better scientists, but more important, better people”

- “This event connects trainees across the country with a common interest in allergic disease that would not otherwise have the opportunity to meet. The value-added is enormous”
- “The AllerGen Trainee Symposium offered a fantastic variety of knowledgeable and experienced speakers. Each workshop was well tailored to suit the needs of graduate students and young professionals”
- “The Symposium helped me meet new people. Although most of the people are students I met at past conferences, the smaller size of the group at the symposium allowed me to network better than I did at conferences”

### AllerGen Extends Special Thanks to Mitacs

Mitacs Step program sponsored f the *Networking for Success* session, which was a symposium highlight. Shepa Learning Company facilitators, Judy Thompson and Gayle Hallgren-Rezac's provided AllerGen trainees with valuable life lessons on the importance of building professional relationships and career development. Their energetic and synchronized presentation style was refreshing and compelling. Ninety-two percent of survey respondents rated the session excellent or above average. Many trainees in attendance have reported incorporating the practical networking tips into their personal and professional lives.

Mitacs Step workshops are offered throughout the year and are open to graduate students and postdoctoral fellows in BC, Alberta, Saskatchewan, Ontario and Newfoundland.

Examples of workshop topics include Business Etiquette, Networking, Presentation Skills, Technical & Scientific Writing and Project Management. Qualified facilitators deliver interactive sessions and are experts in their fields. All workshops are free for participants. For more information visit the Mitacs website - [Click here](#).

### Positive Networking® Recommended Reads

Connections with Integrity - Understanding Alliances and Relationships

<http://www.strategy-business.com/article/00104?qko=5e4cc>

Breaking Away: Networking like a Cyclist

<http://letterstoayounglibrarian.blogspot.ca/2012/05/breaking-away-networking-like-cyclist.html>

**Source:** Gayle Hallgren-Rezac and Judy Thomson, Shepa Learning Company



### AllerGen's Strategic Goal for the Development of HQP (2012-2019)

*Create "value-added" opportunities for the training, education and professional development of HQP, students and new professionals that strengthen Canada's knowledge base, innovative capacity and work-force productivity.*



## Emerging Clinician-Scientist Research Fellowship

Application Deadline

April 12, 2013

\$250,000 AWARD

Candidates must be Canadian citizens or permanent residents who are clinicians enrolled in or have completed Clinical Immunology and Allergy sub-specialty training at a Canadian academic health sciences centre.

Applicants are eligible to apply 18 months prior to and 18 months after completion of Clinical Immunology and Allergy sub-specialty training.

For more information contact [michelleharkness@allergen-nce.ca](mailto:michelleharkness@allergen-nce.ca).

[www.allergen-nce.ca](http://www.allergen-nce.ca)

## NEW Capacity Building Opportunity: International Trainee Research Visit Program

Building on previously successful lab exchanges and relationships developed from the *International Partnership Initiative* (IPI) program, AllerGen is pleased to announce the launch of a new capacity building opportunity for Network HQP.

By signing Memorandum of Understanding (MOU) with the Karolinska Institutet (Sweden), The University of Newcastle (Australia), The Allergie - Centrum - Charité at Charité - Universitätsmedizin Berlin, the Munich Allergy Research Center (MARC) - Technische Universität München (TUM) and Helmholtz Zentrum München, the *International Trainee Research Visit Program* offers funding for AllerGen trainees to spend six weeks to six months outside of Canada working on research projects with international investigators and their established research teams. Research visits must provide opportunities for: networking, research collaboration, knowledge exchange, new skill development, and maximized learning opportunities, aligned with AllerGen's vision, mission and values.

AllerGen-funded research projects. A key principle of the *International Trainee Research Visit Program* is reciprocity. As a condition of funding, supervising investigators agree to use reasonable efforts to develop reciprocal trainee research visits. Where funding allows, research visits with host institutions other than the Karolinska Institutet, The University of Newcastle, Charité and MARC may be considered.

All MSc, MD, PhD and postdoctoral trainees working on AllerGen-funded research projects are eligible to apply. Consideration will also be given to ASNPN student members based on available funding, provided that the research undertaken is relevant to AllerGen's research priorities and scope.

Applications will be evaluated based on the potential benefits to AllerGen-supported research projects and platforms and capacity building benefits for the applicant. A monthly living allowance and travel-related expenses, including airfare and ground transfers are covered for AllerGen trainees.

For information contact Michelle Harkness at: [michelleharkness@allergen-nce.ca](mailto:michelleharkness@allergen-nce.ca).



In turn, AllerGen encourages visiting research students from outside Canada to work with AllerGen Investigators on

Join Us!



## AllerGen Travel Awards

Since April 2012, AllerGen has supported, with 1:1 matching support, the attendance of 25 trainees at 12 provincial, national and international events.

Travel Awards are available to ASNPN members to facilitate attendance and participation at non-AllerGen events that are aligned with AllerGen's mandate. These events must provide the opportunity for: networking, research collaboration, knowledge exchange, new skill development, and maximizing learning opportunities.

Awards support 50% of approved expenses, including registration fees, travel, accommodations

and meals. Priority will be given to applications where costs are matched by a funding partner. Applications must be received and approved in advance of travel.

Email Michelle Harkness for further details and/or to obtain an application form at [michelleharkness@allergen-nce.ca](mailto:michelleharkness@allergen-nce.ca)

Or visit [www.allergen-nce.ca](http://www.allergen-nce.ca)

## Recent AllerGen ASNPN members at American Thoracic Society (ATS) Conference San Francisco, CA, May 18-23, 2012



John Paul Oliveria  
McMaster University  
Masters Student  
Supervisor: Gail Gauvreau



Hessam Kashani with Dr. Andrew Halayko  
University of Manitoba  
Masters Student  
Supervisor: Andrew Halayko



Students and New Professionals Network  
Réseau des étudiants et des jeunes professionnels

**AllerGen is pleased to have provided the following HQP with Travel Awards to attend the XXI World Congress of Asthma**

**Katie Killorn, MSc (c)**

*Supervisor: Dr. Diane Lougheed*  
Queen's University

**Erika Ladouceur**

AML Oceanographic, BC  
ASNPN member

**Carlo de Olim Rugginenti, MSc (c)**

*Supervisor: Dr. Catherine Lemière*  
Université of Montréal

**Roxanne Rousseau, BSc**

*Supervisor: Dr. Mark Fitzgerald*  
University of British Columbia

**Mohsen Sadatsafavi, MD, PhD**

*Supervisor: Dr. Mark Fitzgerald*  
University of British Columbia

**Francesco Sava, MD, MSc**

*Supervisor: Dr. Chris Carlsten*  
University of British Columbia

**Elinor Simons, MD, PhD (c)**

*Supervisor: Dr. Teresa To*  
Hospital for Sick Children

**Sheka Yagub Aloyouni, MSc (c)**

*Supervisor: Dr. Tobias Kollmann*  
University of British Columbia

**Masatsugu Yamamoto, MD, PhD**

*Supervisor: Dr. Chris Carlsten*  
University of British Columbia

Masatsugu Yamamoto, MD, PhD  
University of British Columbia  
Supervised by Dr. Chris Carlsten



**Special Feature - XXI World Congress of Asthma**

Congratulations to Louis-Philippe Boulet, Université Laval, President of the World Congress of Asthma 2012, on the success of this year's event hosted in Quebec City from August 18 to 21, 2012. AllerGen was a sponsor and assisted in the organization of the conference.

Participating AllerGen Investigators included:

- Allan Becker, University of Manitoba
- Louis-Philippe Boulet, Université Laval
- Jamila Chakir, Université Laval
- Donald Cockcroft, University of Saskatchewan
- Mark Fitzgerald, University of British Columbia
- Michael Kobor, University of British Columbia
- Catherine Lemière, Hôpital du Sacré-Coeur de Montréal
- Diane Lougheed, Queen's University
- Parameswaran Nair, McMaster University
- Paul O'Byrne, McMaster University
- Peter Paré, University of British Columbia
- Malcolm Sears, McMaster University

## XXI World Congress of Asthma Report, Erika Ladouceur, ASNPN member

In attending the XXI World Congress of Asthma in Quebec City, I gained both professional and academic experience and knowledge. The wide range of topics challenged both my current knowledge and my understanding of asthma around the world. I learned how different countries were faced with challenges perhaps not as apparent to us, though some were very similar. The cost of healthcare, medications (*i.e.*, EpiPens) and the prevalence of moulds, dust mites *etc.* were some of the differences, while lack of adherence to treatment plans was common to all countries. The statistics presented about patient adherence spurred some serious thought, as I was not aware that non-adherence was so prevalent across the board.

I learned that some countries, like the Ivory Coast, are faced with situations where asthma is not entirely recognized as a major health issue, and that accessibility to medications in several countries is unfavorable. I had never considered that there would be people who believe asthma is the result of a spell or a greater power. Although non-adherence in developed countries and belief that asthma is caused by a spell both relate to lack of awareness and education, I think that different approaches need to be considered for developing countries compared to countries where asthma is a recognized disease.

It also became apparent to me how some countries do not have enough specialists to properly treat and diagnose asthma. In a country where there is a lack of pulmonary specialists, it would then become the responsibility of the family doctor to diagnose and provide treatment, though many family doctors are not knowledgeable enough about the disease. Once again, awareness and education are critical in primary care.

There were many models for asthma treatment, as well as sites and tools of which I was unaware. These included the Canadian Respiratory Guidelines and the Réseau québécois de l'asthme et de la MPOC (RQAM). Attending the sessions in French on the very first day of the conference was a highlight for me, as I felt it improved my vocabulary and confidence discussing asthma and treatment in my second language. The

presentations by Catherine Lemière and Manon Labrecque were very interesting, as they were amongst the first to discuss patient self-management of maintenance treatments and the level of adherence.

With non-adherence to treatment being such a large issue, knowledge translation is becoming more and more critical from patient to patient, health care to patient and patient to health care. Moving forward, it is evident that we will need to take a different approach if there is to be change in the process from diagnosis to treatment to maintenance (at the patient level).

Each session also increased my knowledge with respect to published papers in peer reviewed journals. Returning home with a list of papers and articles in the related areas of asthma management and adherence among patients, knowledge translation and effects of asthma on health care has provided me with more opportunity to continue educating myself. I feel more knowledgeable and prepared to partake in the research with Miriam Stewart and the *Sustainable Online Support* Project, as I have a better vision of the knowledge gaps these programs aim to fill.

The session titled; "Symposium of the American College of Allergy, Asthma and Immunology" was one of the most interesting, as they addressed both anaphylaxis and asthma. Michael Foggs' presentation on "Anaphylaxis & Asthma" provoked the most thought, as I realized that anaphylaxis is extremely under-diagnosed. In my opinion, raising awareness at the patient level, for those with a history of allergies and/or asthma can in fact help in diagnosing anaphylaxis as they will be more aware of what symptoms they should be communicating to their doctor. Educating the public to ensure a baseline knowledge and appreciation for both anaphylaxis and asthma would mean that more discussion would be occurring at the patient level. Michael Foggs' presentation was extremely informative and educational as I learned more about the patterns of anaphylaxis, exercise-induced anaphylaxis and food-dependent exercise-induced anaphylaxis, which I knew only little about.

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The session, where three different case studies were presented was by far the most engaging of all, as many specialists shared their thoughts on diagnosis and treatment of such cases if they were in their care. The discussion which came of the last case study was the most intriguing to follow, as it became apparent to me that not all specialists consider treating their patients' sinuses when they are having trouble with their asthma. From my personal experience, I know that if I am not treating my sinuses and eliminating inhaled allergen particles, I am much more likely to have an asthma exacerbation than not. My question remains to be "Why aren't more specialists treating the sinuses?"

I have gained a significant amount of experience through the social support interventions with Miriam Stewart, a community support group with parents, as well as a youth group of asthma and/or anaphylactic children. Each of these sessions proved to be extremely rewarding to all people involved as there has always been a feeling of inclusion and understanding by peers. My recommendation in addressing the non-adherence to treatment issue would be three tiered:

- 1) Implement more programs to educate the general public, not only those diagnosed, as understanding and appreciation of the disease by peers will in fact increase a patients' (youth or adult) confidence and feelings of inclusion. Once a patient feels like they are being understood and listened to, they will be more likely to listen to their primary care physician and follow treatment as they will not feel like their asthma is a burden, and will want to get better control and partake in activities with others who may not have asthma.
- 2) Ensure that asthma clinics are mandatory for all newly diagnosed patients, as family doctors do not have time to spend with each patient addressing their individual needs. This will provide patients with a feeling that their concerns are being addressed on a case by case basis.
- 3) Create more online and in-person programs for both youth and adults alike to ensure that asthmatics feel like they are not alone.

## ICRH Top Publication Award for Young Investigators

The Institute of Circulatory and Respiratory Health (ICRH) *Top Publication Award for Young Investigators* recognizes the excellence of research conducted in Canada. Graduate students (MA, MSc and PhD) and postdoctoral fellows who have recently published as a first author are eligible to apply for the \$500 Award.

The next application deadline is December 1, 2012.

More information visit <http://www.cihr-irsc.gc.ca/e/43100.html>

## CIHR announces revised Grants and Awards Guide February 6, 2012

As of a result of the deregulation of stipends paid to trainees from grants, CIHR has reviewed its policy on trainees accepting other sources of income/funding.

As such, training award recipients may concurrently hold awards from other sources (e.g., foreign, provincial, institutional sources) but cannot hold another federally-funded training award (i.e., NSERC, SSHRC).

For more information visit <http://www.cihr-irsc.gc.ca/e/22730.html>

## Former AllerGen Trainee René Déry returns to the University of Alberta

Former AllerGen trainee, Dr. René Déry recently returned to the University of Alberta as Special Projects Coordinator at the Alberta Diabetes Institute. Dr. Déry was a member of the Pulmonary Research Group in the Department of Medicine, Faculty of Medicine and Dentistry at the University of Alberta for 15 years and worked in the laboratory of AllerGen-funded researcher, Dr. Dean Befus, from 2002-2009.

Following completion of his PhD in 2009, Dr. Déry spent three years at Paladin Bioscience, a division of Paladin Labs Inc., a Montreal-based Pharmaceutical company. As a Research Scientist at Paladin Biosciences, he worked on product development for several vaccines including malaria, hepatitis B, hepatitis C and HIV. In his new role at the Alberta Diabetes Institute, he will be responsible for coordinating research funding initiatives, promotion of the Institute's six core facilities and Clinical Research Unit, as well as other administrative duties.

When asked to share his thoughts on the impact AllerGen had on this career, Dr. Déry provided the following testimonial.

*"During my time working in the Pulmonary Research Group, I received excellent training in an environment with influential leadership which fosters teamwork and nurtures the development of strong scientific and professional capabilities. As*

*an AllerGen trainee, I had the opportunity to work on a project examining the neuroendocrine regulation of allergic inflammation in the lungs. This work is still ongoing in Dr. Befus's laboratory and is showing great potential for innovative healthcare solutions in the future. I am grateful for the opportunity to be an AllerGen trainee in Dr. Befus's lab as it helped me develop not only strong analytical and critical thinking skills, but also lifelong friendships. I strongly believe that working in such a strong and well-rounded research environment is beneficial for any student wishing to pursue a career in health research, given the increasingly innovation-driven and team-oriented biomedical research climate in Canada. Scientists must now, more than ever, work in broader teams to tackle the complex health problems we face and AllerGen's support is invaluable in building strong research environments such as the Pulmonary Research Group that foster teamwork and innovative thinking. AllerGen funding for researchers such as Dr. Befus is to the benefit of all Canadians, as students who come out of these research environments are well trained and well prepared to tackle the tough health problems we face today and drive the future of healthcare innovation in Canada and abroad."*



## AllerGen Trainee and ASNPN Leadership Committee Member Receives Doctoral Research Award

Congratulations to Elaine Fuertes, University of British Columbia, on being a recent recipient of the 2012 CIHR *Frederick Banting and Charles Best*



*Canada Graduate Scholarship Doctoral Award.* Elaine is supervised by AllerGen Principal Investigator, Dr. Chris Carlsten. The award is valued at \$105,000 over three years. Elaine's research will focus on the association between traffic-related air pollution,

childhood allergic rhinitis and genetic variability.

Elaine is currently completing an internship at the Helmholtz Zentrum München - German Research Centre for Environmental Health in Germany under the guidance of Dr. Joachim Heinrich and is planning to complete a second internship at the Karolinska Institutet in Sweden with Professor Göran Pershagen. The reviewers of Elaine's application specifically highlighted the benefits and value of working as part of a large international collaboration.

## AllerGen Welcomes New ASNPN Members

Trainees and new professionals working on AllerGen-funded research projects automatically become ASNPN members. Students and new professionals not directly involved in AllerGen research, but training or working in the field of allergy, asthma and/or anaphylaxis and related immune disease research may apply for membership.

The following trainees were recently approved for ASNPN membership:

**Yan Dong**, PhD (c), University of Calgary, Supervisor: Dr. Mark Giembycz  
**Vivek Grandhi**, MSc (c), University of Alberta, Supervisor: Dr. Harissios Vliagoftis  
**Magdalena Hudy**, PhD (c), University of Calgary, Supervisor: Dr. David Proud  
**Jyoti Balhara**, PhD (c), University of Manitoba, Supervisor: Dr. Soussi Gounni  
**Hessam Kashani**, MSc (c), University of Manitoba, Supervisor: Dr. Andrew Halayko  
**Erika Ladouceur**, AML Oceanographic, ASNPN member  
**Ling Ling Ma**, PhD, MD, McMaster University, 2nd Year FIT, Supervisor: Dr. Susan Waserman  
**Sem Moreno**, MSc (c), University of Manitoba, Supervisor: Dr. Zhikang Peng  
**Stephanie Nairn**, PhD (c), McGill University, Supervisors: Drs. Alberto Cambrosio and Jennifer Fishman  
**Sergei Nikitenko**, MSc (c), University of Calgary, Supervisor: Dr. Richard Leigh  
**Jonathan Pelikan**, MSc (c), University of Calgary, Supervisor: Dr. David Proud  
**Theresa Pun**, MD, University of Manitoba, 2nd Year FIT, Supervisor: Dr. Richard Warrington  
**Qingdong Guan**, PhD (c), University of Manitoba, Supervisor: Dr. Zhikang Peng  
**Shannon Russell**, PhD (c), University of British Columbia, Supervisor: Dr. Brett Finlay  
**Yokananth Sekar**, PDF, University of Alberta, Supervisor: Dr. Dean Befus  
**Sami Shariff**, MSc (c), University of Calgary, Supervisor: Dr. Richard Leigh  
**Stephanie Warner**, PhD (c), University of British Columbia, Supervisor: Dr. Darryl Knight

## ASNPN Leadership Committee Members

<b>Lianne Soller, PhD (c)</b>	President; McGill University
<b>Pia Reece, PhD (c)</b>	Vice-President; McMaster University
<b>Elaine Fuertes, PhD (c)</b>	Secretary/Treasurer; University of British Columbia
<b>Luisa Giles, PhD (c)</b>	Events/Communications Director; University of British Columbia
<b>Jeremy Hirota, PhD</b>	Regional Director, West (BC); University of British Columbia
<b>Meghan Azad, PhD</b>	Regional Director, Central (AB/SK/MB); University of Alberta
<b>Claudia Hui, PhD (c)</b>	Regional Director, Ontario; McMaster University
<b>Yuka Asai, MD, MSc, PhD (c)</b>	Regional Director, Quebec/Atlantic; McGill University

## Upcoming Events

### [Canadian Society of Allergy and Clinical Immunology \(CSACI\) Annual Scientific Meeting](#)

October 11-14, 2012 - Calgary, AB

### [29th Symposium of the Collegium Internationale Allergologicum](#)

October 14-19, 2012 - Jeju Island, Republic of Korea

### [Food Allergy and Anaphylaxis Meeting \(FAAM\)](#)

February 7-9, 2013 - Nice, France

### [The American Academy of Allergy, Asthma & Immunology \(AAAAI\) Annual Meeting](#)

February 22-26, 2012 - San Antonio, Texas

## Recent Publications Featuring AllerGen HQP

(AllerGen HQPs are in bold)

Lemière C, Tremblay C, **Ribeiro M**, Forget A, Blais L, To T, Nobile V, Tarlo SM  
Comparison study on time (delay) from onset of symptoms and work-related asthma diagnosis between Ontario and Quebec, May 2011, *American Journal of Respiratory and Critical Care Medicine*, 183, A 16798

**Harrington DW**, Elliott SJ, Clarke AE, **Ben-Shoshan M**, Godefroy S  
*Exploring the determinants of the perceived risk of food allergies in Canada*, August 2011, *Human and Ecological Risk Assessment*, Accepted

Debley J, **Stanojevic S**, Filbrum AG, Subbarao P  
*Brochodilator Responsiveness in Wheezy Infants and Toddlers is not associated with Asthma Risk Factors*, October 2011, *Pediatric Pulmonology*, 47 (5), 421-428

Mathison R, Davison J, **St. Laurent C**, Befus AD  
*Autonomic regulation of anti-inflammatory activities from salivary glands*, 2012, *Chemical Immunology and Allergy*, 98, 177-196

**Murdoch B**, **Hyde-Lay R**, Caulfield T  
*Examination of the Public Justifications for the Expansion of Canadian Naturopaths' Scope of Practice*, 2012, *University of Alberta's Health Law Institutes' Health Law Journal*, 19 215-236

**Kam SHY**, **Singh A**, **He J-Q**, **Ruan J**, Gauvreau GM, O'Byrne PM, FitzGerald JM, Tebbutt SJ  
*Peripheral blood gene expression changes during allergen inhalation challenge in atopic asthmatic individuals*, January 2012, *Journal of Asthma*, 1-8, PMID: 22316092

**Allakhverdi Z**, Delespesse G  
*Hematopoietic progenitor cells are innate Th2 cytokine-reproducing cells*, January 2012, *Allergy*, 67

Caulfield T, **Rachul C**  
*Food Allergy Policy and the Popular Press Perspectives From Canadian Newspapers*, February 2012, *Journal of Asthma and Allergy Educators*, 2 (6), 282 – 287

**Reece P**, **Baatjes A**, Cyr M, **Sehmi R**, Denburg JA  
*Mechanisms of TLR-mediated cord blood CD34+ progenitor cell eosinophil differentiation: signaling and autocrine pathways*, February 2012, *Journal of Allergy and Clinical Immunology*, 129, AB118

**Russell SL**, **Gold MJ**, Hartmann M, Willing BP, Thorson L, Wlodarska M, Gill N, **Blanchet M-R**, Mohn WW, McNagny KM  
*Early life antibiotic-driven changes in microbiota enhance susceptibility to allergic asthma*, Mar 2012, *European Molecular Biology Organization Reports*, 13, 440-447

**Soller L**, **Ben-Shoshan M**, **Harrington DW**, **Fragapane J**, Joseph L, St. Pierre Y, Godefroy S, La Vieille S, Elliott SJ, Clarke AE  
*Overall prevalence of self-reported food allergy in Canada*, March 2012, *Journal of Allergy and Clinical Immunology*, AB234

**Tunis M**, Dawicki W, Haidl I, **Carson K**, Marshall JS  
*Mast cells and IgE activation do not alter the development of oral tolerance in a mouse model*, May 2012, *Journal of Allergy and Clinical Immunology*

**Balhara J, Gounni AS**

*The alveolar macrophages in asthma: a double-edged sword*, August 2012, Mucosal Immunology Nature Publishing, Accepted

**Campos Alberto E, Maclean E, Davidson C, Palikhe NS, Storie J, Tse C, Brenner D, Mayers I, Vliagoftis H, El-Sohemy A, Cameron L.**

*The single nucleotide polymorphism CRTh2 rs533116 is associated with allergic asthma and increased expression of CRTh2*, September 2012, PubMed.gov US National Library of Medicine National Institutes of Health

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