

Department of Immunology

Newsletter

VOL V – ISSUE 2

October 2016

Message from the Chair, Dr. Juan Carlos Zúñiga-Pflücker

With fall fully upon us and with the main grant-writing season finally over, it is a good time to start thinking about upcoming events in the Department of Immunology. With this in mind, please note the save the date(s) section.

Save the date(s):

Mark your calendars to be sure to attend the *Department of Immunology's 2017 Summer Retreat*, which will take place on **June 20-21, 2017**, again by the shores of beautiful lake Couchiching in Orillia Ontario.

The *Department of Immunology's 2016 "Winter Retreat" (a.k.a. "the" Immunology Christmas Party)*, which will take place on Friday **December 9, 2016**.

The next *Department of Immunology's Faculty meeting* will be held on **November 7, 2016**, and the next year's meeting will be held on **March 27, 2017**.

CONGRATULATIONS

PhD

Michael Le (Martin lab) – September 27, 2016

Beyond Sciences Initiative (BSI): Website Update

The Beyond Sciences Initiative (BSI) is a not-for-profit consortium comprised predominantly of scholars from academic institutions around the globe. BSI provides a platform for dialogue and outreach to local and global communities, with a focus on mentorship. Cognizant of the value of the bidirectional partnership, a major objective is to promote cultural understanding and academic and personal growth. BSI website has been updated recently and has additional features - including a course repository (free!). Please see the following link for more information: <http://www.beyondsciences.org>

UPCOMING SEMINARS

EASTON SEMINARS

November 2016

Room 2172 MSB at 11:10 a.m.

Monday November 7th, 2016

Faculty Meeting - No Seminar

Monday November 14th, 2016

Albert Bendelac, Ph.D.

"Shared Pathways for the Development of Innate and Innate-Like Lymphocytes"

(Host: Dr. Thierry Mallevaey)

Monday November 21st, 2016

Charles O. Elson III, Ph.D.

"TBA"

(Host: Dr. Jen Gommerman and Dr. Ken Croitoru)

Monday November 28th, 2016

Maziar Divangahi, Ph.D.

"Cracking the Macrophages Code in Immunity to Acute and Chronic Pulmonary Infections"

(Host: Dr. Clint Robbins)



Connaught International Symposium 2016

The Connaught International Symposium 2016, presented by GEMINI Connaught Program and Department of Immunology, University of Toronto will take place on Nov 21-22 at the historic Hart House. We will be exploring the critical issue of gene x environment interactions in chronic inflammatory diseases. World leaders in this field will be giving talks and hosting panels (for a list of speakers please visit: <http://www.immunology.utoronto.ca/event/connaught-international-symposium-2016>)

PI's and trainees are strongly encouraged to attend. Free registration at <http://connaughtsymposium.eventbrite.com>

GEMINI Study – Healthy South Asian Participants Needed!

Are you South Asian or do you have any South Asian friends? GEMINI Study is looking for healthy South Asians to participate in a paid research study to understand the impact of global migration on health and diseases. For more information visit our website and check out our study videos (www.geministudy.ca). For a couple hours of your time, you may be compensated up to \$75!

Student Seminars

November 2016

Room 4171 MSB at 10:00 a.m.

Monday November 7th, 2016

Rodney Rousseau (Supervisor: R. Kaul)

Lysa Langevin (Supervisor: R. Yeung)

Monday November 14th, 2016

Ronald Galiwango (Supervisor: R. Kaul)

Elisabeth Foerster (Supervisor: D. Philpott)

Monday November 28th, 2016

Alicia Fisch (Supervisor: R. Yeung)

Maria Edilova (Supervisor: T. Watts)

FEATURED CAMPUS RESOURCE

The Graduate Conflict Resolution Centre -- <http://gradcrc.utoronto.ca/> -- Supporting graduate students, staff and faculty at U of T

Conflict may make us feel uneasy or alone. Conflict can also push us to think creatively and challenge our assumptions. The CRC is here to support the University of Toronto graduate community in taking steps to prevent and address conflict.

Grad students and Postdocs can connect confidentially with trained grad-to-grad (G2G) Peer Advisors to talk about options and strategies for addressing a concern and available university supports and resources. G2G do not intervene or advocate – they will listen and help you to navigate your own way forward. No matter is too small to discuss! Check out the link for more info.



IMMSA

Hello everyone,

The Immunology Student's Association (IMMSA) has had a wonderful beginning to the school year, and are very excited about our upcoming events and newly elected Executive members.

In October, we held a research seminar, during which we helped students discover ways to find meaningful, interesting, and rewarding research experiences during their undergraduate years. In addition, we volunteered at the Fall Open Campus Day for visiting high school students.

We are looking forward to our November events, including the opening of our annual Immunology apparel sales, an academic seminar with Dr. Mortha, and a pub night at the Fox and Fiddle with the Cells and Systems Biology Student Union.

Please like us on social media for all event info and announcements. In addition, please feel free to contact us with any questions about our upcoming events!

Regards,

Best,

Natalie Hoffmann & Conan Chua

Immunology Students Association (IMMSA) Co-Presidents 2016-17

<http://immsauoft.com> | [@IMMSA_UofT](https://twitter.com/IMMSA_UofT) | <http://facebook.com/IMMSA.UofT>

IGSA

Hello Immunologists,

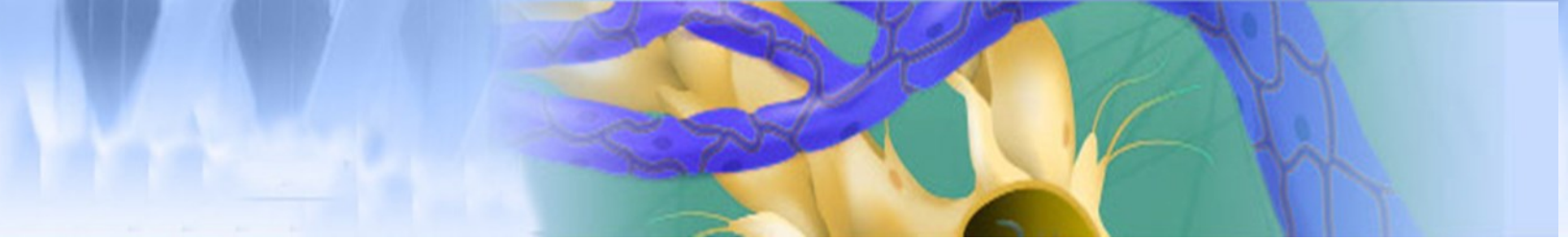
Looks like Canadian winter is back with a vengeance this year, we hope all the labs have stocked up on hot chocolate and are staying warm! October started off with IGSA invited Easton Speaker Dr. Paul Kubes sporting fall colours of his own design in an exciting image-reel of innate immune responses. All those who came out to games night at The Fox and the Fiddle witnessed the first-years destroy upper year students in round after round of Family Feud, hosted by our very own, Jerry Shen. Students put their scalpels to a different use, with Pumpkin Potter, Genger and Steve making appearances at the annual Pumpkin carving. Immunology students showed off their spooky and creative sides with their impressive costumes at the Interdepartmental Halloween Social at The Boat in Kensington this year- a big thank you to our social rep, Anqi, for organizing.

For the month of November, you can look forward to one of the greatest events of the year. Yes, **Wine & Cheese Night** will be happening Thursday November 10th! In addition, there will be an end-of-rotation pub for first years. Starting Monday November 7th we will be selling **Holiday Retreat** tickets to graduate students, faculty and their guests. Post-docs, lab techs and others can buy their tickets starting Monday November 21st. So please stop by room 7253 after Easton Seminars to get your tickets or talk to a IGSA ticket sales rep on your campus. And remember, it is never too early to start cooking up ideas for your lab's entry for the annual Holiday Retreat Centrepiece Competition and Fashion Show!

Sincerely,

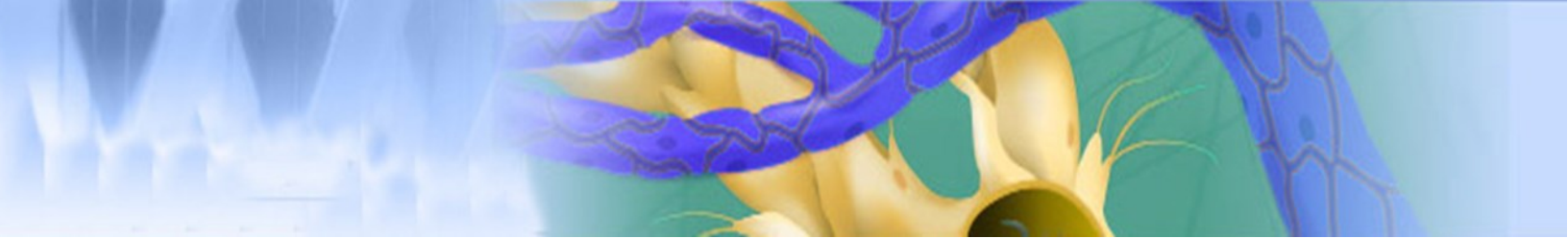
Mark Gower & Maria Edilova

IGSA Co-presidents



PUBLICATIONS FROM THE DEPARTMENT OF IMMUNOLOGY (August-September 2016)

1. Aeschlimann, F. A., L. Grosse-Wortmann, S. M. Benseler, R. M. Laxer, D. Hebert, and R. S. M. Yeung. 2016. Arterial dissection in childhood Takayasu Arteritis: not as rare as thought. *Pediatric Rheumatology* 14.
2. Aguilar, O. A., M. M. Rahim, J. Reichel, T. Lau, J. Samaniego, I. S. Sampaio, A. Krmpotic, S. Jonjic, A. P. Makrigiannis, D. S. J. Allan, and J. R. Carlyle. 2016. Identification of two MCMV immunoevasins that modulate NK cell recognition via the NKR-P1B:Clr-b axis. *European Journal of Immunology* 46: 304-304.
3. Brauer, P. M., I. M. Pessach, E. Clarke, J. H. Rowe, L. O. de Bruin, Y. N. Lee, C. Dominguez-Brauer, A. M. Comeau, G. Awong, K. Felgentreff, Y. H. H. Zhang, A. Bredemeyer, W. Al-Herz, L. K. Du, F. Ververs, M. Kennedy, S. Giliani, G. Keller, B. P. Sleckman, D. G. Schatz, F. D. Bushman, L. D. Notarangelo, and J. C. Zuniga-Pflucker. 2016. Modeling altered T-cell development with induced pluripotent stem cells from patients with RAG1-dependent immune deficiencies. *Blood* 128: 783-793.
4. Jeschke, M. G., A. Abdullahi, M. Burnett, S. Rehou, and M. Stanojic. 2016. Glucose Control in Severely Burned Patients Using Metformin An Interim Safety and Efficacy Analysis of a Phase II Randomized Controlled Trial. *Annals of Surgery* 264: 518-527.
5. Kagoya, Y., M. Nakatsugawa, Y. Yamashita, T. Ochi, T. X. Guo, M. Anczurowski, K. Saso, M. O. Butler, C. H. Arrowsmith, and N. Hirano. 2016. BET bromodomain inhibition enhances T cell persistence and function in adoptive immunotherapy models. *Journal of Clinical Investigation* 126: 3479-3494.
6. Kowalczyk-Quintas, C., S. Schuepbach-Mallepell, M. Vigolo, L. Willen, A. Tardivel, C. R. Smulski, T. S. Zheng, J. Gommerman, H. Hess, J. E. Gottenberg, F. Mackay, O. Donze, and P. Schneider. 2016. Antibodies That Block or Activate Mouse B Cell Activating Factor of the Tumor Necrosis Factor (TNF) Family (BAFF), Respectively, Induce B Cell Depletion or B Cell Hyperplasia. *Journal of Biological Chemistry* 291: 19826-19834.
7. Lum, R., S. Ahmad, S. J. Hong, D. C. Chapman, G. Kozlov, and D. B. Williams. 2016. Contributions of the Lectin and Polypeptide Binding Sites of Calreticulin to Its Chaperone Functions in Vitro and in Cells. *Journal of Biological Chemistry* 291: 19631-19641.
8. Ohashi, P. S. 2016. Zeroing in on Tumor-Reactive TILs. *Cancer Immunology Research* 4: 719-719.
9. Oppermann, S., J. Ylanko, Y. H. Shi, S. Hariharan, C. C. Oakes, P. M. Brauer, J. C. Zuniga-Pflucker, B. Leber, D. E. Spaner, and D. W. Andrews. 2016. High-content screening identifies kinase inhibitors that overcome venetoclax resistance in activated CLL cells. *Blood* 128: 934-947.
11. Snell, L. M., I. Osokine, D. H. Yamada, J. R. De la Fuente, H. J. Elsaesser, and D. G. Brooks. 2016. Overcoming CD4 Th1 Cell Fate Restrictions to Sustain Antiviral CD8 T Cells and Control Persistent Virus Infection. *Cell Reports* 16: 3286-3296.



12. Wilson, M. D., S. Benlekbir, A. Fradet-Turcotte, A. Sherker, J. P. Julien, A. McEwan, S. M. Noordermeer, F. Sicheri, J. L. Rubinstein, and D. Durocher. 2016. The structural basis of modified nucleosome recognition by 53BP1. *Nature* 536: 100-+.

We'd like to hear from you!
Comments or Questions – Please contact:
Immunology.communications@utoronto.ca