

Department of Immunology

Newsletter

VOL VI – ISSUE 5

January 2018

Message from the Acting Chair,

Dr. Dana Philpott



It's seems like so long ago now – remember the Immunology Holiday Retreat 2017?! Thank you to Albert, Yojin and the rest of the IGSA organizing committee for a memorable evening. We all enjoyed Jen, JC and Tracy's rendition of Oklahoma! And well done Tracy for his excellent role as MC. A number of our students were acknowledged with awards:

The Hardy Cinder Prize

Mayra Cruz Tleugabulova

The Richard G. Miller Award

Angela Zhou

Immunology Science Outreach Award

Elisabeth Foerster

Immunology Sports Person of the Year

Scott Lien & Oksana Okorokov

Undergraduate Immunology Prize

Yuki Leung & Goodness Madu;

and our faculty for their hard work, in particular:

Faculty Examiners Award

Michele Anderson,

Tania Watts,

Jen Gommerman,

& JC Zuniga-Pflucker

for their service on exam committees. The lab folks of JC and Michele took home the “best centerpiece prize” and a big thanks to the big red-suited guy himself, Santa (aka Mike Ratcliffe), for partying with us. Lastly, we also raised a good amount of cash for “Nellie’s” from our silent auction – thanks to all who contributed!

UPCOMING SEMINARS

EASTON SEMINAR

February 2018

Room 2172 MSB at 11:10 a.m.

Monday, February 12, 2018

Dr. Carla Rothlin

“Resolution of Inflammation”

Host: Jen Gommerman

Monday, February, 26 2018

Dr. Michel Nussenzweig

“The HIV Vaccine Problem”

Host: Jean-Philippe Julien

CONGRATULATIONS TO PhD CANDIDATES

Angela Zhou (Watts Lab)
December 4, 2017

Fei Linda Zhao (Dunn Lab)
December 14, 2017

UPCOMING STUDENT SEMINARS
February 2018
Room 2173 MSB 10:00 to 11:00 am

Monday, February 5, 2018

Rysa Zaman (Supervisor: Slava Epelman)

“Investigating the immune system in the multifactorial development of heart failure”

Anthony Wong (Supervisor: Slava Epelman)

“The Functional Role of Embryonic-Derived Cardiac Macrophages in Neonatal Heart Regeneration and Repair”

Monday, February 12, 2018

Anran Wang (Supervisor: Jen Gommerman)

“Role of antibody-secreting cells in multiple sclerosis”

Kenneth Ting (Supervisors: Jenny Jongstra-Bilen & Myron Cybulsky)

“The role of oxidized LDL in regulating LPS-induced metabolic reprogramming in macrophages”

Monday, February 26, 2018

James Han (Supervisor: Pam Ohashi)

TBA

Douglas Chung (Supervisor: Pam Ohashi)

“Immunomodulatory role of Natural Killer cells in Pregnancy”

DEADLINES/REMINDERS

Graduate Admissions

The first round of admissions is underway, and responses will be sent to applicants by late Feb/early March.

The final deadline to apply for September 2018 starts is April 30, 2018.

Call for Supervisors Faculty interested in taking on new graduate students in 2018-19 are asked to email graduate.immunology@utoronto.ca

UPCOMING AWARD DEADLINES

OGS (Domestic and International) – March 9, 2018. For more information on this competition, please visit the SGS website:

<http://www.sgs.utoronto.ca/currentstudents/Pages/Ontario-Graduate-Scholarship.aspx>

QEII-GSST Aventis Pasteur (open to Immunology only) – March 9, 2018. Applicants must apply for OGS to be considered for this award.

Faculty of Medicine QEII-GSST – To apply for this award, students must complete an OGS application (due March 9, 2018) and complete an online Faculty of Medicine QEII-GSST Cover Page (March 31, 2018). For more information, please visit the Graduate and Life Science Education (GLSE) website: <http://www.glse.utoronto.ca/fom-qeii-gsst-competition>

FEATURED CAMPUS RESOURCE

Student Life’s “Feeling Distressed?” page: <http://studentlife.utoronto.ca/feeling-distressed>

This page provides links and information about campus and community resources for students who are feeling distressed for any reason – academic, financial, mental health, sexual violence, housing, etc... It is an excellent collection of resources that can help you find the support you need, when you need it. Please bookmark this page!

Department of Immunology

Newsletter

IGSA

Dear Immunologists,

IGSA welcomes everyone back from the very well-deserved break!

Congratulations to the Immunodominators for placing 4th in volleyball last semester & good luck to Oksana and the team on their new season of volleyball this semester! Oksana is also planning a rock-climbing/bouldering event soon so make sure to sign up for this new IGSA sports initiative.

Much thanks to Parshin, we started off 2018 with an ice-skating event at Nathan Phillips Square followed by a toasty pub night, and we have several exciting events for you to look forward to in February. The Interdepartmental Trivia Night organized by our very own Tao and hosted by our Trivia Master Daniel Siu will take place at O'Gradys on the 6th, so make sure to team up with your fellow immunologists and come on out! To celebrate love & appreciation within the department, IGSA will be selling candy-o-grams once again this year to be delivered to your lab-mates, friends and even your secret admirers! To purchase any candy-o-grams, please talk to Lisa or the rep at your site. On the other hand, Brett is working hard to finalize the details of the second BlackBoard Immunology (BBI) event titled "Time Management and Career Development" with our guest Dr. Nicola Jones so make sure to take advantage of this opportunity. A great thank-you to Lis for collaborating with Anthony and the rest of IGSA to host yet another exciting Immunology on Tap at the May Cafe - this is a chance to invite your non-immunology friends to get them excited about what we do and to meet & mingle with new people! Finally, we will be wrapping up the month with a Bowling Night, so please stay tuned for details.

As always, if you have any suggestions for any of the IGSA initiatives, please don't hesitate to let us know.

Stay warm,

Yoojin & Albert

IGSA Co-Presidents 2017-2018



PUBLICATIONS FROM THE DEPARTMENT OF IMMUNOLOGY (December 2017)

1. Abdullahi, A., and M. G. Jeschke. 2017. Taming the Flames: Targeting White Adipose Tissue Browning in Hypermetabolic Conditions. *Endocrine Reviews* 38: 538-549.
2. Falkenhagen, A., J. Singh, S. Asad, D. Leontyev, S. Read, J. C. Zuniga-Pflucker, and S. Joshi. 2017. Control of HIV Infection In Vivo Using Gene Therapy with a Secreted Entry Inhibitor. *Molecular Therapy-Nucleic Acids* 9: 132-144.
3. Frelin, C., Y. Ofran, J. Ruston, M. Hayun, Y. Derdikmann, Y. Khier, K. Rozales, B. Brenner, N. Iscove, T. Pawson, and I. Louria-Hayon. 2017. Grb2 regulates the proliferation of hematopoietic stem and progenitors cells. *Biochimica Et Biophysica Acta-Molecular Cell Research* 1864: 2449-2459.
4. Gao, D., L. H. Cazares, and E. N. Fish. 2017. CCL5-CCR5 interactions modulate metabolic events during tumor onset to promote tumorigenesis. *Bmc Cancer* 17.
5. In, T. S. H., A. Trotman-Grant, S. Fahl, E. L. Y. Chen, P. Zarin, A. J. Moore, D. L. Wiest, J. C. Zuniga-Pflucker, and M. K. Anderson. 2017. HEB is required for the specification of fetal IL-17-producing gamma delta T cells. *Nature Communications* 8.
6. Lemire, P., S. J. Robertson, H. Maughan, I. Tattoli, C. J. Streutker, J. M. Platnich, D. A. Muruve, D. J. Philpott, and S. E. Girardin. 2017. The NLR Protein NLRP6 Does Not Impact Gut Microbiota Composition. *Cell Reports* 21: 3653-3661.
7. Li, M., E. Kouzmina, M. McCusker, D. Rodin, P. C. Boutros, C. J. Paige, and G. Rodin. 2017. Pro- and anti-inflammatory cytokine associations with major depression in cancer patients. *Psycho-Oncology* 26: 2149-2156.
8. Mittrucker, H. W., T. Matsuyama, A. Grossman, T. M. Kundig, J. Potter, A. Shahinian, A. Wakeham, B. Patterson, P. S. Ohashi, and T. W. Mak. 2017. Requirement for the Transcription Factor LSIRF/IRF4 for Mature B and T Lymphocyte Function. *Journal of Immunology* 199: 3717-3720.
9. Noone, D., R. S. M. Yeung, and D. Hebert. 2017. Outcome of kidney transplantation in pediatric patients with ANCA-associated glomerulonephritis: a single-center experience. *Pediatric Nephrology* 32: 2343-2350.
10. Tran, C. W., S. D. Saibil, T. Le Bihan, S. R. Hamilton, K. S. Lang, H. You, A. E. Lin, K. M. Garza, A. R. Elford, K. Tai, M. E. Parsons, K. Wigmore, M. G. Vainberg, J. M. Penninger, J. R. Woodgett, T. W. Mak, and P. S. Ohashi. 2017. Glycogen Synthase Kinase-3 Modulates Cbl-b and Constrains T Cell Activation. *Journal of Immunology* 199: 4056-4065.
11. Triller, G., S. W. Scally, G. Costa, M. Pissarev, C. Kreschel, A. Bosch, E. Marois, B. K. Sack, R. Murugan, A. M. Salman, C. J. Janse, S. M. Khan, S. H. I. Kappe, A. A. Adegnik, B. Mordmuller, E. A. Levashina, J. P. Julien, and H. Wardemann. 2017. Natural Parasite Exposure Induces Protective Human Anti-Malarial Antibodies. *Immunity* 47: 1197-+.

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