

# Department of Immunology

## Newsletter

VOL VII – ISSUE 2

October/November 2018

### *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. I am also looking forward to our next departmental faculty meeting, during which I will provide an overview of the next strategic plan for our department. This new plan will be the 2nd Strategic Plan for the department, and will build on the many successes achieved from our initial [strategic plan \(2014-2018\)](#). In the meantime, we will be conducting interviews and discussion with many of our stakeholders and external advisors to ensure our plan reflects areas that still need improvement and highlights those that can be further developed. I am also taking this opportunity to say that all look forward to hearing from all of you regarding any new ideas and/or advice that be included as part of our new plan.

### **Save the date(s):**

- ⇒ The upcoming *Department of Immunology's Faculty Meeting* will be held on **November 26, 2018**, and the next year's meeting will be held on **March 25, 2019**.
- ⇒ The *Department of Immunology's 2018 "Winter Retreat" (a.k.a. "the" Immunology Christmas Party)*, which will take place on Thursday, **December 13, 2018**.
- ⇒ Mark your calendars to be sure to attend the *Department of Immunology's 2019 Summer Retreat*, which will take place on **June 18-19, 2019**, again by the shores of beautiful lake Couchiching in Orillia Ontario. Dr. Yasmine Belkaid, National Institutes of Health, will be the Keynote Speaker this year.

### **UPCOMING EASTON SEMINARS**

**November 2018**

**MSB 2172 at 11:10 a.m.**

**Monday, November 5**

**Dr. Graham Pawelec, PhD**

"Interplay between Age, Immunity, Cancer and CMV"

Host: **Dr. Tania Watts, PhD**

**Monday, November 12**

**Dr. Alan Sher, PhD**

"Iron Dependent Targets for Host-Directed Therapy of TB"

Host: **Dr. David Brooks, PhD**

**Monday, November 19**

**Dr. Michael Gold, PhD**

"B Cell Activation in Space and Time"

Host: **Dr. Robert Rottapel, MD**

**Monday, November 26 —No Easton Seminar**

## FEATURED CAMPUS RESOURCE

### SGS's Graduate Student Wellness Portal

Looking for mental health services, resources, or academic supports? Need to talk with someone about your experiences of supervision?

This portal, developed in collaboration with the University of Toronto Graduate Students' Union (UTGSU), can help point you in the right direction.

<http://www.sgs.utoronto.ca/currentstudents/Pages/wellness-portal.aspx>

Need a laugh?

Lego Grad Student has got you covered:

<https://brickademics.com/gallery/>

## STUDENT SEMINARS

### November 2018

#### **Tao Chan & Melanie Girard**

**Nov 5, 2018**

10:00am–11:00am

MSB 2173

#### **Douglas Chung & James Han**

**Nov 12, 2018**

10:00am–11:00am

MSB 2173

#### **Jennifer Hoang & Saad Khan**

**Nov 19, 2018**

10:00am–11:00am

MSB 2173

#### **Adrian Kuiper & Logan Kyle Smith**

**Nov 26, 2018**

10:00am–11:00am

MSB 2173

## HUMAN IMMUNOLOGY PANEL DISCUSSION

**November 5, 2018**

**MSB 7231 at 5:00pm**

**Toronto Human Immunology Network Presents:**

**A Panel Discussion with Dr. Graham Pawelec, PhD (Professor, University of Tübingen)**

**Host: Dr. Tania Watts, PhD**

### IMMSA

Hello Immunologists,

Happy fall... or winter? Regardless, we hope the academic year has been going well so far! In the midst of the busy midterm season, we held our very first Lunch and Learn of the year with Dr. Mallevaey where students had the opportunity to get to know our very own undergraduate coordinator! We also held our annual research seminar with Dr. Martin on finding meaningful research as an undergraduate. Special shout-out to Madalina Maxim and Josh Casal for speaking about their research experience! Thank you all for attending!

For the month of November, we have some exciting events coming up! We will be having our second Lunch and Learn, the highly anticipated pub night, and lastly apparel sale. More details on these upcoming events will be posted on our Facebook page so be sure to follow us at <https://www.facebook.com/immsa.uoft>.

Cheers,

Joaquin Francis Arias & Kitty Liu

IMMSA Co-Presidents 2018-2019

P.S. Remember to get your flu shots!

Immunology Students Association (IMMSA) Co-Presidents 2018-2019

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

### IGSA

Dear Immunologists,

We hope you had a Spooktacular October! Starting with a fantastic Games Night managed by Rysa at the Fox & Fiddle where alliances were formed and broken. Soon after, Derek hosted an incredibly artistic night of Pumpkin Carving followed by a scary movie viewing in our very own bIMMstro! To cap it all off, our first interdepartmental event of the new school year, organized by Lewis, the FacMed Halloween Party at The Boat was a great success with costumed scientists dancing the night away! As the month winds down, we're gearing up for a new and improved Immunology Day led by Saad, where Immunology grad students will first go to nearby schools and give their talks, followed by a selection of high school students visiting the U of T campus for an exciting hands-on experience later in the year.

With the cold weather creeping in, you know what that means! Our Annual Departmental Holiday Retreat will soon be upon us. This year it will be held on Thursday, December 13<sup>th</sup> at Hart House! Ticket sales will begin early November, so keep your eyes and ears open for updates. Each pod will have their own designated IGSA ticket sales representative, so you won't miss out on the party of the year! Also, be sure to attend the Annual Wine & Cheese Night to help pick the best drinks for the event! Registration for the centrepiece competition and tree decorations are now open. Last but certainly not least, we are still recruiting students and faculty for silent auction donations and to showcase their hidden talents as part of the night's unforgettable performances. If you are interested in helping out, please contact Lisa ([lisa.hung@mail.utoronto.ca](mailto:lisa.hung@mail.utoronto.ca)). Hope to see you all soon!

Cheers,

Lisa & Tao

IGSA Co-Presidents 2018-2019



## PUBLICATIONS FROM THE DEPARTMENT OF IMMUNOLOGY (September 2018)

1. MacParland, S.A., Liu, J.C., Ma, X.Z., Innes, B.T., Bartczak, A.M., Gage, B.K., Manuel, J., Khuu, N., Echeverri, J., Linares, I., *et al.* (2018). Single cell RNA sequencing of human liver reveals distinct intrahepatic macrophage populations. *Nature Communications* 9.
2. Perciani, C.T., Sekhon, M., Hundal, S., Farah, B., Ostrowski, M.A., Anzala, A.O., McKinnon, L.R., Jaoko, W., MacDonald, K.S., Inst Tropical Infect Dis, U.G., and Kenyan, A.V.I.-I. (2018). Live Attenuated Zoster Vaccine Boosts Varicella Zoster Virus (VZV)-Specific Humoral Responses Systemically and at the Cervicovaginal Mucosa of Kenyan VZV-Seropositive Women. *Journal of Infectious Diseases* 218, 1210-1218.
3. Schwartz, J.A., Zhang, H.L., Ende, Z., Deymier, M.J., Lee, T., Singer, J., Mazzulli, T., Hunter, E., and Ostrowski, M.A. (2018). Characterization of the Plasmacytoid Dendritic Cell Response to Transmitted/Founder and Nontransmitted Variants of HIV-1. *Journal of Virology* 92.
4. Snell, L.M., MacLeod, B.L., Law, J.C., Osokine, I., Elsaesser, H.J., Hezaveh, K., Dickson, R.J., Gavin, M.A., Guidos, C.J., McGaha, T.L., and Brooks, D.G. (2018). CD8(+) T Cell Priming in Established Chronic Viral Infection Preferentially Directs Differentiation of Memory-like Cells for Sustained Immunity. *Immunity* 49, 378-+.
5. Vinaik, R., Stanojic, M., and Jeschke, M.G. (2018). NLRP3 Inflammasome Modulates Post-Burn Lipolysis and Hepatic Fat Infiltration via Fatty Acid Synthase. *Scientific Reports* 8.

*We'd like to hear from you!*  
*Comments or questions – please contact:*  
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