

# Department of Immunology

## Newsletter

image provided by Qing Huang

VOL I – ISSUE 8

April 2013

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

We are entering reclass/qualifying exam season, and I want to thank our students for getting their proposals approved and submitted on time, and our faculty, in particular members of the graduate committee, for making time to read the proposals and participate in the exams.

Be on the lookout for the upcoming second issue of the IMMpress Magazine.

In case you do not have a Maypole to decorate or dance around, and since Red Square is not what it used to be on May 1st, please take the time to come listen to some of the IMM450 4th year research project presentations, see the details below.

As pointed out by IGSA, our next Departmental Retreat will be on June 18th-19th, this is a great opportunity for postdocs in the department to present their work and for some of our senior graduate students and faculty to showcase their recent findings.

Lastly, please note the call for nomination for the new BD-Biosciences Immunology Post-Doctoral Lecture Prize.

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### **UPCOMING EVENTS**

#### **Toronto Human Immunology Network**

*presents:*

Panel Discussions in Human Immunology  
with **Luigi D. Notarangelo, MD**

(Host: Dr. Juan Carlos Zúñiga-Pflücker)

Topic: "Patient-derived iPS cells for modeling and correction of inborn errors of immunity. Where do we stand?"

Monday, May 13, 2013  
5:00 – 6:00 p.m.  
Room 7231, MSB  
*All welcome*

### **UPCOMING SEMINARS**

#### **EASTON SEMINARS –**

**May 2013**

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

**May 13**

- Luigi D. Notarangelo, MD

*"Dissecting diversity of human primary immunodeficiencies through cellular models."*

(Host: Dr. Juan Carlos Zúñiga-Pflücker)

**May 27**

- Gérard Eberl, PhD

*"Innate Lymphoid Cells and Intestinal Homeostasis."*

(Host: Dr. Jennifer Gommerman)

#### **GRADUATE SEMINARS –**

**May 2013**

**Room 3171 MSB at \*\*10:30 a.m.\*\***

**May 06**

- Shang Xiang (Anderson, M.)

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### **Biosciences Immunology Post-Doctoral Lecture Prize Call for Nominations:**

The Department of Immunology is pleased to announce that it is now accepting nominations of outstanding postdoctoral fellows for the *BD Biosciences Immunology Post-Doctoral Lecture Prize*. This award is made possible by a generous gift from BD Biosciences.

**Award:** The award consists of a \$2,500 prize for the postdoctoral fellow, and a \$500 gift certificate from BD Biosciences for the laboratory of the principal investigator.

**Nominations:** Faculty members of the Department of Immunology can nominate a postdoc in their lab. Please provide a nominating letter, and a CV of the nominated postdoctoral fellow, to be submitted electronically to [reception.immunology@utoronto.ca](mailto:reception.immunology@utoronto.ca).

**Deadline:** **May 10, 2013** (5:00 pm) is the deadline for nominations. The winner will be announced on May 27, 2013.

**Date of Lecture & Award Presentation:** **Monday, June 17, 2013** is when the BD Biosciences Immunology Post-Doctoral Lecture, and prize presentation will take place.

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## CONGRATULATIONS

### PhD

Dr. Andrea Wong (Danska Lab) - March 26, 2013

## DEADLINES/REMINDERS

**April 2013 / ASAP (Reclassifying and Qualifying students):** Proposals submitted and approved. Your supervisor and each member of your supervisory committee will need to submit a [Reclassification / Qualifying Approval Form](#). You also need to suggest examiners by filling out an [Examining Committee Pre-approval Form](#) – to be approved by the [graduate coordinator](#).

**April 29, 2013 at 9am: University-Wide Awards due.**

**May 2013 (1<sup>st</sup> year students):** 1<sup>st</sup> committee meeting should have occurred or have been scheduled.

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### IMM450Y Final Research Presentations

Join us for the IMM450Y Research Project in Immunology student final presentations on Wednesday May 1st, 2013. Coffee will be served at 9:15 am, and the presentations will run from 9:30 am until 3:15 pm, with a break for lunch from 12:00-1:00pm. Presentations are held in MS4279. Supervisors and lab members are invited to celebrate with the students at a reception in MS7231 immediately following the final presentation.

### IMM450Y 2013-14

Interested undergraduate students are invited to submit a ballot for the IMM450Y Research Project in Immunology course. Ballot forms are available on the Immunology website and must be submitted not later than June 7th, 2013. Further information and instructions are available on the website. Please note that only students who have completed the third year requirements of the Immunology Major and Specialist POSTs will be considered.

Faculty who are interested in supervising one or more IMM450Y project students beginning in September 2013 are invited to contact Anna Frey ([undergraduate.immunology@utoronto.ca](mailto:undergraduate.immunology@utoronto.ca)) with information on the number of students they are recruiting and a brief description (1-2 sentences) of available projects. The IMM450Y course was designed to provide students with a feel for laboratory research by allowing them to actively participate in a research project. Students are expected to work at least 7 hours per week (normally 1 full day or 2 half days) on the project. Questions about faculty participation in the IMM450Y course should be directed toward the Course Coordinator, [Alberto Martin](#).

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## IGSA

### UPCOMING IGSA EVENTS

#### **April 26<sup>th</sup> – IMMPress**

The second issue of IMMPress is ready to hit the shelves. This month's edition focusses on the microbiome, the language of science, and changes to the CIHR Open Access Policy.

#### **April 26<sup>th</sup> – LTS World Immunology Day Pub**

In preparation for World Immunology Day on April 29<sup>th</sup>, IGSA is hosting a pub for the volunteers dedicated to sharing their knowledge of and passion for science.

**Location:** The Labyrinth

**Time:** 6:30pm

**Cost:** Free

#### **May 12<sup>th</sup> - Sporting Life 10K Run**

Registration for the Sporting Life 10K Run in support of Kids with Cancer is still open! Contact [josh.moreau@mail.utoronto.ca](mailto:josh.moreau@mail.utoronto.ca) for further details.

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### **May 28<sup>th</sup> - Blackboard Immunology**

Dr. Goetz Ehrhardt hosts the next BBI session. Be sure to stay posted for registration details from your BBI reps to enjoy a great discussion with your peers!

**Location:** The Fox and the Fiddle

**Time:** 6:30pm

**Cost:** Free

### **June 18<sup>th</sup> -19<sup>th</sup> - Annual Immunology Retreat**

The time is nearly upon us! Recruitment is currently underway for the daytime seminar sessions- interested parties should contact [kieran.manion@mail.utoronto.ca](mailto:kieran.manion@mail.utoronto.ca) to sign up. Registration for the poster competition will open within the next few weeks, so be sure to check your inboxes diligently!

### **June 28<sup>th</sup> – Career Development Workshop**

New this year, the Department of Immunology has partnered with Biochemistry to support a one-day conference detailing the career paths open to biomedical graduate students both within and outside of academia. Registration is now open: <http://www.asbmb.org/careersymposia.aspx>.

### **OTHER EVENTS**

#### **May**

Final installment(s) in the popular Career Development Series

IMM goes out to the ball game- Blue Jays vs. Orioles

#### **June**

BBI with Dr. Chris Paige

#### **July**

Immunology Team Triathlon

Interdepartmental summer social hosted at Toronto's Loft 404

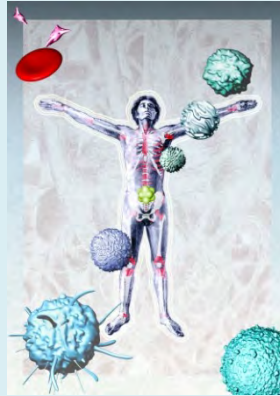
### **IT'S CRUNCH TIME!**

The IGSA Musical Division (seriously, it's a thing) is in dire need of individuals for the retreat video. If you can ACT, SING, LIP-SYNC or even just STAND or SIT around, WE WANT YOU! We will start recording next week, so please contact Kieran ([kieran.manion@mail.utoronto.ca](mailto:kieran.manion@mail.utoronto.ca)) or Elisa ([elisa.porfilio@utoronto.ca](mailto:elisa.porfilio@utoronto.ca)) ASAP!

### Toronto Human Immunology Network

<http://www.humanimmunology.utoronto.ca>

email: [humanimmunology@utoronto.ca](mailto:humanimmunology@utoronto.ca)



Please be reminded of the following Human Immunology events:

In conjunction with International Day of Immunology on April 29, 2013, we are holding a public event - designed for a lay audience: *New Immunotherapies for Cancer- are we there yet?* Please register at:

<http://cafescientific.eventbrite.ca/#>

Human Immunology symposium on *Immunobiology of Chronic Viral infection*

June 4, 2013 - Li Ka Shing Knowledge Institute - registration is now open:

<http://humanimmunologysymposium.eventbrite.ca/>

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## PUBLICATIONS FROM THE DEPARTMENT OF IMMUNOLOGY (March 2013) (1-3)

1. Markle, J. G. M., D. N. Frank, S. Mortin-Toth, C. E. Robertson, L. M. Feazel, U. Rolle-Kampczyk, M. von Bergen, K. D. McCoy, A. J. Macpherson, and J. S. Danska. 2013. Sex Differences in the Gut Microbiome Drive Hormone-Dependent Regulation of Autoimmunity. *Science* 339:1084-1088.
2. Ardelean, D. S., P. B. Dent, P. J. Ferguson, and R. M. Laxer. 2013. Chronic Nonbacterial Osteomyelitis in a Child with Previous Juvenile Dermatomyositis. *Journal of Rheumatology* 40:339-341.
3. Anderson, M. K. 2013. Changing course by lymphocyte lineage redirection. *Nature Immunology* 14:199-201.

# Department of Immunology

## Newsletter

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4. Liu, H., P. S. Yang, T. Zhu, J. Manuel, J. Zhang, W. He, I. Shalev, L. Zhang, M. I. Cybulsky, D. R. Grant, M. J. Phillips, and G. A. Levy. 2013. Characterization of fibrinogen-like protein 2 (FGL2): Monomeric FGL2 has enhanced immunosuppressive activity in comparison to oligomeric FGL2. *International Journal of Biochemistry & Cell Biology* 45:408-418.
5. Hiyama, Y., A. H. Marshall, R. Kraft, N. Qa'aty, A. Arno, D. N. Herndon, and M. G. Jeschke. 2013. Effects of metformin on burn-induced hepatic endoplasmic reticulum stress in male rats. *Molecular medicine (Cambridge, Mass.)* 19:1-6.

*We'd like to hear from you!*  
*Comments or Questions – Please contact:*  
[\*Immunology.newsletter@utoronto.ca\*](mailto:Immunology.newsletter@utoronto.ca)