Happy Year of the Dragon! I hope you have had a restful holiday break and are returning to the lab/clinic/classroom/office refreshed and ready to do some Immunology.

You may have noticed that we are reducing the frequency of these newsletters to come out once per term. Important announcements that need timely attention will be communicated at Monday seminars and if necessary, also by email. Speaking of seminars, we have moved to offering Easton’s as hybrid delivery. So far so good – we typically have a good in person turnout, and for those who cannot make it in person, they are now able to participate. While it’s great to see everyone in person, it is not always possible. We will be monitoring how this goes and revisit the at the spring faculty meeting.

We had a productive Faculty Meeting on November 6th, 2023. We managed to get done in 1.5 hours – a record. This is because we will be alternating agenda items between fall and spring meetings. While we have been asked to hold off on strategic planning until the new Dean, Professor Lisa Robinson, is installed, rest assured we are preparing in the background for this upcoming exercise, including a full education retreat to happen in Q1 of 2024.

Save the date: The next faculty meeting will be held at the Faculty Club on **Monday March 25th at 11:10AM sharp!** Details (and old-fashioned in-person announcements) to follow.

We also had a fabulous Holiday Party run by our highly skilled students, notably the IGSA co-presidents Martin Mak and Steve Lee. We had a guest appearance from Taylor Swift and Travis Kelce (thanks Matt Buechler and Sonia MacParland…..respectively). A ceremonial totem from the previous chair was passed on by JC to myself and I would like to ease the minds of the immunology community that this totem has been put in a safe place. It was very fitting that this year, JC also won the Gill E. Wu Graduate Mentorship award, and it was very special to have Dr. Wu at the party to present the award. We also had some incredibly talented students win awards listed below.

- The Hardi Cinader Prize – Carolina de Amat Herbozo
- The Richard G Miller Award – Baweleta Isho
- Sportsperson of the year – Mohammad Khakpoor Koosheh
- Science Outreach Award – Jawairia Atif
- Applied Immunology MSc Award – Cora Geiger
- The Undergraduate Immunology Prize – Aly Muhammad Al-Karim Ladak

Lastly, I would like to congratulate all of our graduate and undergraduate students for getting through exams in December. I am very excited to see what all our first-year graduate students will be up to in their thesis projects – make sure to come to student seminars to find out!

It hasn’t been much of a white winter as of yet – I personally would like to see the snow come in abundance although I may be alone in this respect. Nevertheless, the days are already getting longer and before we know it, Spring will be here as well as the 5k/8k **Spring Run-Off** in High Park, **April 6th 2024.** The IGSA is putting together a team. Do join – it is a lot of fun and motivation to keep moving by training through the winter months. I’ll be there bringing up the rear 😊. Here’s to peace and prosperity in 2024.
## UPCOMING DEPARTMENT SEMINARS

### EASTON SEMINARS
Mondays, 11:05 – 12:00 at MSB 2170

- **Monday, January 8, 2024**
  - **Ashley Moseman, PhD**
    - Assistant Professor of Immunology
    - Assistant Professor of Cell Biology
    - Member of the Duke Cancer Institute
    - Duke University School of Medicine
    - Talk Title: "Scents of Danger – What infections reveal about olfactory immunity and CNS barriers"
    - Host: David Brooks, PhD

- **Monday, January 15, 2024**
  - **Aereas Aung, PhD**
    - Assistant Professor
    - Institute of Biomedical Engineering
    - University of Toronto
    - Talk Title: "Understanding the role of vaccine delivery on humoral response"
    - Host: Jen Gommerman, PhD

- **Monday, January 22, 2024**
  - **Alissa Rothchild, PhD**
    - Department of Veterinary and Animal Sciences, University of Massachusetts Amherst
    - Talk Title: "Alveolar macrophages and the innate sentinel response to *Mycobacterium tuberculosis"
    - Host: IMM WIDE Committee

- **Monday, January 29, 2024**
  - **Irah King, PhD**
    - Associate Professor
    - Canada Research Chair in Barrier Immunity
    - Director, McGill Centre for Microbiome Research, McGill University
    - Talk Title: "Immune-stromal interactions that promote disease tolerance during intestinal infection"
    - Host: Arthur Mortha, PhD

### Lunch with Easton Speakers
There are still available spots. Immunology Trainees, please sign up for this amazing opportunities.

### SPECIAL SEMINARS

- **Friday, January 5, 2024**
  - **Dr. Christopher Sturgeon**
    - Associate Director, Centre for Advancement of Blood Cancer Therapies
    - Associate Professor, Department of Cell, Developmental, and Regenerative Biology
    - Icahn School of Medicine at Mount Sinai, NY
    - Talk Title: "Defining the origins of embryonic blood development using human pluripotent stem cells"
    - Host: JC Zúñiga-Pflücker, PhD

- **Friday, January 12, 2024**
  - **Dr. Barbara Kee**
    - Professor, Department of Pathology
    - University of Chicago
    - Talk Title: "Transcriptional programming of innate-like lymphocytes"
    - Host: Dr. Jen Gommerman
### PhD Research SEMINARS

**Friday, January 5, 2024**

2:00 - 3:00 p.m.  
In Person only: MSB 7231  
Ashton Trotman-Grant  
“Development of a Stromal Cell-Free Platform for the Generation of Human T-Lineage Cells from Multiple Sources of Stem Cells”  
Supervisor: Dr. JC Zúñiga-Pflücker

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**Wednesday, January 10, 2024**

9:00 - 10:00 a.m.  
*Hybrid delivery*  
In Person: MSB 3278  
Douglas Chung  
“Investigating Immune Landscape of Epithelial Ovarian Carcinoma”  
Supervisor: Dr. Pam Ohashi

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**Friday, January 12, 2024**

2:00 - 3:00 p.m.  
*Hybrid delivery*  
In Person: MSB 7231  
Albert Nguyen  
“Cooperation Between Retinoic Acid and Lymphotoxin Signals Maintains Type 2 Conventional Dendritic Cell Homeostasis”  
Supervisor: Dr. Jen Gommerman

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### STUDENT SEMINARS

**Mondays at 10:00 – 11:00 am at MSB 2172**

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<tr>
<th>Date</th>
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<td>Deeva Uthayakumar</td>
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<td><strong>January 10, 2024</strong></td>
<td>Yangmin (Clay) Qiu</td>
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<td>Zhewei Liu</td>
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<td><strong>January 29, 2024</strong></td>
<td>Manjula Kamath</td>
<td>(Mallevaey / Zúñiga-Pflücker Labs)</td>
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### GRADUATE PROGRAM UPDATE

**CONGRATULATIONS!**

**PhD Grads**
Dr. Kenneth Ting (Cybulsky/Jongstra-Bilen labs) – September 7, 2023  
Dr. Eric Cao (Gommerman/Moreth labs) – September 13, 2023  
Dr. Nathaniel Winsor (Girardin lab) – October 26, 2023  
Dr. Rysa Zaman (Epelman lab) – November 24, 2023
MSc Grads – November 2023 convocation
Fasial Abdul Razzaq (Woo lab)
Johanne Audouze-Chaud (Crome lab)
Eryn Bugbee (Gommmerman lab)
Felice Chun (Woo lab)
David Croitoru (Piguet lab)
Oliver De Sa (Philpott lab)
Riley Dow (Cybulsky/Jongstra-Bilen labs)
Lauren Fernandez (Gehring lab)
Alvin Han (Gommerman lab)
Ingrid Hsieh (Serghides lab)
Mariane Jeong (Mortha lab)
Maddy Kern-Smith (Watts lab)
Kameel Khan (Rojas lab)
Zhenyu Li (Mallevaey lab)
Ammarah Naseer (Trenor lab)
Eric Sun (Julien lab)
Carmen Ucciferri (Dunn lab)
Adriana Vukosich (Sacher lab)
Clare Wang (Yeung lab)
Thomas Zhou (Zúñiga-Pflücker lab)

PhD Qualifiers
Wei Ting (Jonah) Lin (Gehring lab) – October 5, 2023
Miki Gams (Guidos lab) – November 16, 2023

ADMISSIONS
Applications are now being accepted for our graduate programs – get your applications in!
PhD and Applied Imm MSc (Standard Entry) – September 2024 start – Deadline: January 15, 2024
Applied Imm MSc (Advanced Standing Entry)* – May 2024 start – Deadline: March 1, 2024
*Undergraduate students in IMM450Y1 could be eligible for Advanced Standing entry to the Applied Immunology MSc program
Please visit our website for detailed information on admission requirements and application procedures.

AWARD DEADLINES
Current graduate students and undergraduate students hoping to begin a graduate program in 2024 are encouraged to apply for the Ontario Graduate Scholarships (OGS) and the QEII Awards!

- **OGS (Domestic and International)**
  For more information on this competition, please visit the SGS website
  Deadline: March 1, 2024

- **QEII / Aventis Pasteur** (Dept. of Immunology students only)
  Complete an OGS application and you will be automatically considered for this award
  Deadline: March 1, 2024

- **QEII / Dr. Dina Gordon Malkin** (graduate students studying in haematology AND oncology whose supervisors are members of the Temerty Faculty of Medicine)
  Complete an OGS application, and the Malkin cover page*
  Deadline: March 1, 2024
  *please email graduate.immunology@utoronto.ca for details

- **QEII / Temerty Faculty of Medicine (all Faculty of Medicine students)**
  Complete an OGS application, and this Faculty of Medicine cover page (this is an online form which will be submitted directly to Faculty of Medicine)
  Deadlines: Application due March 1, 2024; Faculty of Medicine cover page due April 5, 2024 @ 5:00pm
Happy New Year, fellow Immunologists!

Welcome to 2024! We hope everyone had the opportunity to relax over the holidays following our annual Department of Immunology Holiday Party! At the party we raised over $280 in support of Nellie’s, a local organization dedicated to the shelter, education, and advocacy of all women and children, and as such we wanted to thank all the donors and sponsors for their support, and congratulations to all with successful bids at the Silent Auction! Hope the event was a blast for everyone!

For the upcoming year, IGSA has quite a few events and activities planned for everyone. To start, IGSA would like to let everyone know that we will begin co-hosting IMM Town Hall meetings alongside the WIDE committee, which will be a regular occurrence taking place on the first Monday of every month. Here, we aim to establish a safe space for open communication and offer support on challenges that anyone may be experiencing. The first is taking place on January 8th from 12-1PM in the 7th floor conference room. No signups are required - feel free to drop in whenever you can!

Social events are also in the works for the department! Our social reps are putting together an indoor roller-skating night for January, so bring your friends and get ready to show off some sick moves! Join us for an action packed night on the skate floor with food and drink as well. Speaking of, IGSA is also planning a hotpot social in February as well - come and shake off the cold with some good food, banter and soup with everyone! Sign ups for both will be shared soon.

Don’t forget to keep your eyes peeled for our annual Valentine’s Day Candygram as well! Preparations are being made, so be sure to express your heartfelt emotions for your fellow DOI members. Furthermore, the return of our Dog Therapy Night is also being planned! Come and relax with some adorable puppies, with exact time and details to be announced.

IGSA is also hard at work planning career events for the department. We would like to let everyone know that an upcoming workshop featuring panelists from industry R&D is being organized, and sign-up instructions will follow soon! Be sure to keep an eye out if this is something you are considering!

As the New Year begins, our mentorship program will also be checking back in after the break. We will be having a return of our Mentorship Coffee Chats, which is a great opportunity for mentees to ask for advice on topics now that rotations are over, such as integrating into the lab, getting started with your project, or handling the first-year course load. All drinks will be reimbursed by IGSA with the presentation of a valid receipt.

Finally, we would like to end the newsletter with some sporty announcements! Firstly, we would also like to let everyone know about the High Park Spring Run Off which will take place on April 6th! This is an annual event that members of our department participate in, and early bird registration details will be coming soon. Secondly, we would like to let everyone know we are
once again kicking off our intramural sports for the winter season. We currently have departmental teams registered for both volleyball and dodgeball, so remember to sign up on IMLeagues if you’re interested in taking part! If you would like to participate but don’t know how to sign up please message us! The season will last from January to March, and games will be held on Monday evenings at the University of Toronto Athletic Centre (55 Harbord St.). No prior volleyball/dodgeball experience is required (although if you do have any, we would very much welcome it). During the dark and cold winter this is an excellent way to keep active, and there’s also free bubble tea offered after games!

From all of us at IGSA, we would like to welcome everyone back. Here’s hoping everyone successfully completes their New Years’ resolutions, and that this year be filled with high-impact publications!

Martin and Steve
IGSA Co-Presidents 2023-2024
Website: https://www.igsaimm.com/

UPDATE FROM IMMSA

Hey Immunologists!

We hope you were able to recharge this winter break with family and friends and are ready for the new semester. IMMSA has been planning many exciting events for the new year, and we hope you will join us!

We are happy to announce the Ontario-Quebec Undergraduate Immunology Conference (OQUIC) dates for May 9-10 in-person. We hope those who have done immunology-related research (cough cough IMM450 and IMM385 students) apply and get a chance to present their research to students and researchers across Canada. OQUIC is an excellent chance to practice your presentation skills, interact with judges, and win cash prizes! We will update you on the details and application process soon; information will be posted on our Instagram page.

Lastly, our first event for January will be a Graduate Studies Talk with Professor Mallevaey and members of the Immunology Department. This event will allow undergraduate students to ask our department about the graduate programs it has to offer. Additionally, it will allow for any remaining questions to be answered for those applying this month. We hope to see you there!

Happy New Year to everyone! We wish you all the best for the new semester.

Best,

Catherine Chi and Jason Yang
Immunology Students' Association (IMMSA) Co-Presidents 2023/24
Website: http://immsauoft.com | Instagram: @immsta
UPDATE FROM the WIDE Committee

Happy New Year! We hope everyone had a wonderful winter break and that you’re feeling recharged and ready to start the new term.

WIDE would like to recognize and commemorate several days of importance as the new year rolls in:

- **January** is **Tamil Heritage Month**! Did you know Toronto is home to one of the largest Tamil-speaking communities outside of Asia? This month we celebrate the over 200,000 Tamil-Canadians we call our friends and neighbours. To learn more, check out: [https://tamilheritagemonth.com/](https://tamilheritagemonth.com/)

- Happy Lohri! On **January 14th**, the harvest festival **Lohri** is celebrated in Northern India and across the world with bonfires, gazak, rewari, and drums.

- Happy New Year! The **Orthodox New Year** or Old New Year is **January 14th**. Today we commemorate the start of the New Year by the Julian calendar. Celebrated mainly in Europe, this holiday is filled with music, fireworks, and delicious food with family and friends.

- **January 21st** is **World Religion Day**. Did you know there are over 4,000 religions around the world. Interested in learning more about new religions, and discovering the intersections of faith, religion and university life? Visit the Multi-Faith Centre at UofT: [https://studentlife.utoronto.ca/department/multi-faith-centre-for-spiritual-study-practice/](https://studentlife.utoronto.ca/department/multi-faith-centre-for-spiritual-study-practice/)

- We observe **International Holocaust Remembrance Day** on **January 27th**. On this day, we honour the 6 million Jewish people who lost their lives during World War II and work together as a community to end anti-Semitism today. Want to learn more? Visit the Holocaust Museum of Toronto: [https://torontoholocaustmuseum.org/](https://torontoholocaustmuseum.org/)

We would also like to highlight some workshops offered by the Anti-Racism and Cultural Diversity Office this month:

- **January 10th**: Understanding your responsibility to preventing racial discrimination & harassment in the work environment for **faculty and staff**. To register, visit: [https://antiracism.utoronto.ca/training-workshop/](https://antiracism.utoronto.ca/training-workshop/)

- **January 17th**: Addressing Racial Microaggressions: Tools, Strategies and Discussions for **faculty and staff**. To register, visit: [https://antiracism.utoronto.ca/training-workshop/](https://antiracism.utoronto.ca/training-workshop/)

Additionally, join us on **January 22nd**, when the WIDE committee is hosting our second Easton Speaker, **Dr. Alissa Rothchild**. Dr. Rothchild’s research focuses on the innate immune responses in the lung, studying how alveolar macrophages regulate inflammation at the airway-tissue interface during *Mycobacterium tuberculosis* (Mtbc) and other respiratory infections. Learn more: [https://rothchildlab.com/](https://rothchildlab.com/)

With warm wishes for 2024,

-Your WIDE Committee


Li YR, Zuniga-Pflucker JC. 2023. Thymus aging and immune reconstitution, progresses and challenges. *Seminars In Immunology*. **70**.


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- BD FACSymphony™ A3-I 5 lasers, up to 30 parameters, high-throughput sampling
- BD FACSymphony™ A3-II 5 lasers, up to 30 parameters, high-throughput sampling

**Sorters:**
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- BD FACSemia™, 4 lasers, up to 17 parameters, 4-way sorting
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