

Department of Immunology

Newsletter

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VOL II – ISSUE 2

October 2013

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

I am looking forward to our upcoming departmental faculty meeting, see below for details, during which a draft of our department's strategic plan will be presented. In the meantime, be on the lookout for the next IMMpress magazine, as with previous issues, it promises to be another remarkable offering.

If you are a second year student, you should be heeding the advice that our Graduate Coordinator has been, and will continue to be, dishing out during Monday morning Student Seminars (for those in the Department of Immunology that forget, and we miss seeing there, these are held on Mondays at 10am in the MSB-3171; conveniently just before our Easton Seminars), please start planning your second committee meetings.

Save the date:

Mark your calendars to be sure to attend the Department of Immunology's 2014 Summer Retreat, which will take place on **June 17-18, 2014**, again by the shores of beautiful lake Couchiching in Orillia Ontario. We have Prof. Charles Surh as our keynote speaker, and will again have lots of great talks and fun activities.

UPCOMING EVENTS

DEPARTMENTAL FACULTY MEETING

Monday, November 4, 2013
11:00 a.m.

Dean's Conference Room (DCR),
Medical Sciences Building

UPCOMING SEMINARS

EASTON SEMINARS –

November 2013

Room 2172 MSB at 11:10 a.m.

November 11

- John T. Harty, PhD
"Igniting the CD8 T cell response."
(Host: Dr. Tania Watts)

November 18

- Warren S. Pear, MD, PhD
"How Notch functions in lymphocyte development and cancer."
Host: Dr. Cynthia Guidos)

November 25

- Thorsten R. Mempel, MD, PhD
"Cell migration and cell-to-cell communication in the immune system."
(Host: Dr. Bebhinn Treanor)

GRADUATE SEMINARS –

November 2013

Room 3171 MSB at 10:00 a.m.

November 04

- Kieran Manion (Supervisor: J. Wither)
- Nyrie Israelian (Supervisor: J. Danska)

November 11

- Jennifer Ahn (Supervisor: S. Dunn)
- Sabrin Mishel (Supervisor: J. Danska)

November 18

- Darrin Gao (Supervisor: E. Fish)
- Thergory Irrazabal (Supervisor: A. Martin)

November 25

- Tracy In (Supervisor: M. Anderson)
- Joshua Moreau (Supervisor: C. Paige)

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SPECIAL SEMINARS

Gustavo P. Amarante-Mendes, Ph.D

Professor of Immunology
Head Molecular Cell Biology Lab
Institute of Biomedical Sciences
University of São Paulo
São Paulo, SP – BRAZIL

(Host: Dr. Juan Carlos Zúñiga-Pflücker)

"Opportunities for collaborative projects with the University of São Paulo", and "Novel pathways controlling the expression of FASL in T helper cells".

Thursday, November 14, 2013

10:00 a.m.

Room 4279 Medical Sciences Building
University of Toronto

Kevin Kane, PhD

Professor,
Dept. of Medical Microbiology & Immunology
University of Alberta
Faculty of Medicine & Dentistry
Edmonton, AB

(Host: Dr. Tania Watts)

Peptide-specific control of natural killer cell function: clues to "healthy self"?

Tuesday, November 26, 2013

4:00 p.m.

Room 7231 Medical Sciences Building
University of Toronto

Kevin Mills, PhD

Associate Professor,
The Jackson Laboratory
Bar Harbor, ME

(Host: Dr. Alberto Martin)

Tipping the Balance; Targeting Genomic Instability to Treat Lymphoma and Leukemia.

Wednesday, November 20, 2013

10:00 a.m.

Room 7231 Medical Sciences Building
University of Toronto

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CONGRATULATIONS

Reclassification Exam

Jennifer Ahn (Dunn lab) – Sept. 27, 2013

DEADLINES/REMINDERS

CGS-M (CIHR & NSERC) Deadline: December 1, 2013

IGSA

Hello immunologists!

We hope that you've been enjoying your year so far and have been able to attend some of the IGSA events! Both the first games night at Fox and Fiddle as well as the charity games night were well attended and we look forward to more games nights in the coming year. At charity games night we managed to raise \$150 for Nellie's, awesome job and thanks to all those that participated!

Our next event is the FacMed Halloween party at O'Grady's on Thursday October 31, 8pm. There will be a costume contest and some snacks and drinks so make sure to attend! And no, dressing as a grad student does not count, be creative with your costumes! We hope to see you there!

Also keep an eye on your inboxes for the November IGSA newsletter, it will contain info for all the upcoming November events!

Happy October!

-- IGSA

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Toronto Human Immunology Network

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

email: humanimmunology@utoronto.ca

The Toronto Human Immunology Network is a network of Scientists interested in Human Immunology. See our web site at <http://www.humanimmunology.utoronto.ca>

The mandate of the Toronto Human Immunology Network, a Federation of Clinical Immunological Societies (FOCIS) center of excellence, is to facilitate translational human immunology by providing linkages among individuals and groups involved in basic through to clinical Human Immunology research across the city; to provide a forum for discussion of new developments in translational human immunology; to educate trainees in translational human immunology; to facilitate interactions between those doing trials and those with research questions/assays to study immunology in human cohorts; to facilitate the acquisition and access of our members to shared infrastructure and to provide a mechanism for interacting with national and international groups involved in Human Immunology.

To be added to the email list for Human Immunology training events please send an email to:

humanimmunologytraining@utoronto.ca

FOCIS has a number of courses for trainees in aspects of human Immunology and recently has provided each Center of Excellence with one or two partial scholarships for attendance at courses or their annual meeting. We hold internal competitions in our center for who gets these awards.

This year, we have funds to match the FOCIS contribution and there is a competition to send fellows to the advanced course: see <http://humanimmunology.utoronto.ca/educationtraining/>

PUBLICATIONS FROM THE DEPARTMENT OF IMMUNOLOGY (Sep. 2013) ⁽¹⁻⁷⁾

1. Clark, D. A., M. Rahmati, C. Gohner, A. Bensussan, U. R. Markert, and G. Chaouat. 2013. Seminal plasma peptides may determine maternal immune response that alters success or failure of pregnancy in the abortion-prone CBAxDBA/2 model. *Journal of reproductive immunology* 99:46-53.
2. Clouatre, E., M. Gomez, J. M. Banfield, and M. G. Jeschke. 2013. Work-related burn injuries in Ontario, Canada: A follow-up 10-year retrospective study. *Burns* 39:1091-1095.
3. Kim, C. J., L. R. McKinnon, C. Kovacs, G. Kandel, S. Huibner, D. Chege, K. Shahabi, E. Benko, M. Loutfy, M. Ostrowski, and R. Kaul. 2013. Mucosal Th17 Cell Function Is Altered during HIV Infection and Is an Independent Predictor of Systemic Immune Activation. *Journal of Immunology* 191:2164-2173.
4. Robbins, C. S., I. Hilgendorf, G. F. Weber, I. Theurl, Y. Iwamoto, J.-L. Figueiredo, R. Gorbatov, G. K. Sukhova, L. M. S. Gerhardt, D. Smyth, C. C. J. Zavitz, E. A. Shikatani, M. Parsons, N. van Rooijen, H. Y. Lin, M. Husain, P. Libby, M. Nahrendorf, R. Weissleder, and F. K. Swirski. 2013. Local proliferation dominates lesional macrophage accumulation in atherosclerosis. *Nature Medicine* 19:1166-1172.
5. Satpathy, A. T., C. G. Briseno, J. S. Lee, D. Ng, N. A. Manieri, K. C. Wumesh, X. Wu, S. R. Thomas, W.-L. Lee, M. Turkoz, K. G. McDonald, M. M. Meredith, C. Song, C. J. Guidos, R. D. Newberry, W. Ouyang, T. L. Murphy, T. S. Stappenbeck, J. L. Gommerman, M. C. Nussenzweig, M. Colonna, R. Kopan, and K. M. Murphy. 2013. Notch2-dependent classical dendritic cells orchestrate intestinal immunity to attaching-and-effacing bacterial pathogens. *Nature Immunology* 14:937-948.
6. Tung, S., Y. Shi, K. Wong, F. Zhu, R. Gorczynski, R. C. Laister, M. Minden, A.-K. Blechert, Y. Genzel, U. Reichl, and D. E. Spaner. 2013. PPAR alpha and fatty acid oxidation mediate glucocorticoid resistance in chronic lymphocytic leukemia. *Blood* 122:969-980.
7. Wortzman, M. E., D. L. Clouthier, A. J. McPherson, G. H. Y. Lin, and T. H. Watts. 2013. The contextual role of TNFR family members in CD8(+) T-cell control of viral infections. *Immunological Reviews* 255:125-148.

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