

Department of Immunology

Newsletter

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VOL I – ISSUE 7

March 2013

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

Please join me in welcoming a few new faculty members to our department, Drs. Winer and Robbins, both as cross-appointed Assistant Professors, whose labs are the Toronto General Research Institute, and hold primary appointments with Laboratory Medicine and Pathobiology. Additionally, I am delighted to welcome back to the department Dr. Wendy Tamminen, as lecturer, who will be developing the department's new online course offering.

As a reminder, our next Departmental Faculty Meeting will be on March 28th.

Lastly, we are trying to reach out to all postdoctoral fellows working in labs of PI's affiliated with Department of Immunology, with this in mind, please let Lynne Omoto know about any new recruits to your lab, and of course please encourage your new and current postdocs to go to

www.immunology.utoronto.ca/postdoctoral/bulletin/immpdf.htm to register with us.

UPCOMING EVENTS

Departmental Faculty Meeting – Thursday, March 28th, 11:00am, Medical Sciences Building, Room 2317.

PostDoc Meet-and-Greet – Thursday, March 28th, 4:30pm at Pour Girl Pub, 191 College Street.

UPCOMING SEMINARS

EASTON SEMINARS – April 2013
Room 2172 MSB at 11:10 a.m.

April 15, 2013

- Emil R. Unanue, MD
“Dynamics of antigen presentation in autoimmunity: the NOD diabetic mouse.”
(Host: Dr. Philippe Poussier)

April 22, 2013

- Marc K. Jenkins, PhD
“Origins of CD4+ effector and memory T cells.”
(Host: Dr. Jennifer Gommerman)

April 29, 2013

- Joonsoo Kang, PhD
“Making lymphoid effector subsets, fast and slow.”
(Host: Dr. Cynthia Guidos)

GRADUATE SEMINARS –April 2013
Room 3171 MSB at 10:00 a.m.

April 1, 2013

- Justin Tze Ho Chan (Ehrhardt, G.)
- Justen Hoffman Russell (MacDonald, K.)
- Jong Bok Lee (Zhang, L.)

April 15, 2013

- Charles Maisonneuve (Philpott, D.)
- Andrey Mikhaylov (Yeung, R.)
- Marion Janet Parsons (Ehrhardt, G.)

April 22, 2013

- Catia Taniela Perciani (MacDonald, K.)
- Jasty Singh (Zúñiga-Pflücker, J.C.)
- Michael St. Paul (Ohashi, P.)

April 29, 2013

- Jun Yu Zhou (Philpott, D.)
- Angela Chi Zhou (Watts, T.)
- Tian Sun (Gommerman, J.)

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WELCOME

Faculty:

Dr. Dan Winer, Assistant Professor, cross-appointed to Immunology, and scientist, Toronto General Research Institute, University Health Network.

Dr. Clint Robbins, Assistant Professor, cross-appointed to Immunology, and scientist, Toronto General Research Institute, University Health Network.

Dr. Wendy Tamminen, Lecturer, Immunology.

SPECIAL SEMINARS

Maria Ciofani, PhD

Department of Molecular Pathogenesis
New York University School of Medicine

"The transcriptional regulatory network governing Th17 cell specification and plasticity"

Monday, April 22, 2013

12:10 p.m.

Room 2172, Medical Sciences Building

DEADLINES/REMINDERS

March 2013: 2nd year students who are going forward with their Reclassification / Qualifying Exams

Submit your proposals to your supervisor and supervisory committee. Please provide them with enough time to review your proposal and please aim to have it approved by early April. Your supervisor and each member of your supervisory committee will need to submit a Reclassification / Qualifying Approval Form. You also need to suggest an examining committee by filling out an Examining Committee Pre-approval Form – to be approved by the graduate coordinator.

April 2013: Exams will be arranged. The graduate committee, your supervisory committee and any faculty suggested to sit as examiners will be asked to confirm their availability.

April 1, 2013: OGS internal deadline

<http://www.sgs.utoronto.ca/informationfor/students/money/support/provincial/OGS.htm>

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IGSA

NEWS

Elisa, Cat, and I wanted to share with you some fantastic news!

We recently participated in the *Women in Science and Engineering National Conference* and competed in the Cisco Systems Case Competition against 17 other teams. While we have relatively little experience in business and engineering, we applied our problem solving and presenting skills, and our biological sciences perspective to the case, and we won the case competition!!! We won an award, a \$1500 prize, and were recruited to the Cisco head office to present our winning case to their executives. We'll be presenting in a teleconference to Cisco executives both in Canada and the US.

Take a look at the picture I've attached. We're clearly very excited! :)

Best,

Alessandra



Alessandra Ferzocco, Catherine Shrankel, Trina Alexson (Service Delivery Executive for Cisco Systems Canada Co.), and Elisa Porfilio

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Toronto Human Immunology Network

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

email: humanimmunology@utoronto.ca



Please note the following upcoming 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) (1-13)

1. Lin, G. H. Y., M. E. Wortzman, S. E. Girardin, D. J. Philpott, and T. H. Watts. 2013. T Cell Intrinsic NOD2 Is Dispensable for CD8 T Cell Immunity. *PLoS one* 8:e56014-e56014.
2. Moore, A. J., and M. K. Anderson. 2013. Dendritic cell development: a choose-your-own-adventure story. *Advances in hematology* 2013:949513-949513.
3. Van Limbergen, J., B. Kabakchiev, J. M. Stempak, P. Schumm, W. Xu, P. Henderson, S. Girardin, A. M. Griffiths, D. Philpott, and M. Silverberg. 2013. Hypothesis-free analysis of ATG16L1 demonstrates gene-wide extent of association with Crohn's disease susceptibility. *Gut* 62:331-U190.
4. Finney, C. A. M., K. Ayi, J. D. Wasmuth, P. M. Sheth, R. Kaul, M. R. Loutfy, K. C. Kain, and L. Serghides. 2013. HIV infection deregulates innate immunity to malaria despite combination antiretroviral therapy. *Aids* 27:325-335.
5. Mulligan, A. M., I. Raitman, L. Feeley, D. Pinnaduwege, L. T. Nguyen, F. P. O'Malley, P. S. Ohashi, and I. L. Andrulis. 2013. Tumoral Lymphocytic Infiltration and Expression of the Chemokine CXCL10 in Breast Cancers from the Ontario Familial Breast Cancer Registry. *Clinical Cancer Research* 19:336-346.
6. Lind, E. F., A. R. Elford, and P. S. Ohashi. 2013. Micro-RNA 155 Is Required for Optimal CD8(+) T Cell Responses to Acute Viral and Intracellular Bacterial Challenges. *Journal of Immunology* 190:1210-1216.
7. Leon, A. J., D. Banner, L. Xu, L. Ran, Z. Peng, K. Yi, C. Chen, F. Xu, J. Huang, Z. Zhao, Z. Lin, S. H. S. Huang, Y. Fang, A. A. Kelvin, T. M. Ross, A. Farooqui, and D. J. Kelvin. 2013. Sequencing, Annotation, and Characterization of the Influenza Ferret Infectome. *Journal of Virology* 87:1957-1966.
8. Tourneur, E., S. Ben Mkaddem, C. Chassin, M. Bens, J.-M. Goujon, N. Charles, C. Pellefigues, M. Aloulou, A. Hertig, R. C. Monteiro, S. E. Girardin, D. J. Philpott, E. Rondeau, C. Elbim, C. Werts, and A. Vandewalle. 2013. Cyclosporine A Impairs Nucleotide Binding Oligomerization Domain (Nod1)-Mediated Innate Antibacterial Renal Defenses in Mice and Human Transplant Recipients. *PLoS Pathogens* 9.

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9. Yi, T. J., B. Shannon, J. Prodger, L. McKinnon, and R. Kaul. 2013. Genital immunology and HIV susceptibility in young women. *American Journal of Reproductive Immunology* 69:74-79.
10. Ohno, Y., S. i. Yasunaga, S. Janmohamed, M. Ohtsubo, K. Saeki, T. Kurogi, K. Mihara, N. N. Iscove, and Y. Takihara. 2013. Hoxa9 Transduction Induces Hematopoietic Stem and Progenitor Cell Activity through Direct Down-Regulation of Geminin Protein. *Plos One* 8.
11. Kim, H., M. Cruz, A. Bourdeau, and D. J. Dumont. 2013. Cell-Cell Interactions Influence Vascular Reprogramming by Prox1 during Embryonic Development. *Plos One* 8.
12. Gorczynski, R., Z. Chen, I. Khatri, and K. Yu. 2013. sCD200 Present in Mice Receiving Cardiac and Skin Allografts Causes Immunosuppression In Vitro and Induces Tregs. *Transplantation* 95:442-447.
13. Bourdeau, A., S. Trop, K. M. Doody, D. J. Dumont, and M. L. Tremblay. 2013. Inhibition of T Cell Protein Tyrosine Phosphatase Enhances Interleukin-18-Dependent Hematopoietic Stem Cell Expansion. *Stem Cells* 31:293-304.

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