



## FROM THE CHAIR'S DESK

Dear MIMMers,

The 2014-15 academic year is coming to an end. A new group of students are getting ready for graduation and the new challenges coming after that achievement. To all of them, and on behalf of all the departmental members, our congratulations and best wishes for success.

This time of the year provides an opportunity for planning. In terms of research, I would like to encourage you to explore the new CIHR opportunities coming to us. Barring any last minute change, there will be a second Foundation Scheme Live Pilot competition (with similar timelines in terms of stages as with the first one) and also, a first Project Scheme Pilot for early 2016. Details for these competitions will be provided as soon as they become available. To learn more about these competitions, **please click here**.

Along these lines, don't be shy to provide feedback to CIHR and to the public about the upcoming changes and the new strategic plan of CIHR. I have already gone out with other scholars to raise some concerns on these issues. See the article in the ***Canadian Medical Association Journal***.

Don't forget to buy your tickets for the 4<sup>th</sup> Annual Departmental Gala at the Faculty Club on April 10, 2015 at 6pm. Better than ever before, the gala is a celebration of excellence and achievement by all MIMMers during a great 2014! Tickets are available from Mr. Patrick Ritchie at the departmental office.

Last, please get ready for the departmental external cyclical review on April 13 and 14/2015. Itineraries have been circulated already. If you did not receive one and would like to participate please, contact Maria Babiak.

Enjoy April!

Quim



## RESEARCH

### Publications

1. Cloutier M, Gauthier C, Fortin JS, Genève L, Kim K, Gruenheid S, Kim J, Thibodeau J. ER egress of invariant chain isoform p35 requires direct binding to MHCII molecules and is inhibited by the NleA virulence factor of enterohaemorrhagic Escherichia coli. *Hum Immunol*. 2015 Feb 27. pii: S0198-8859(15)00074-9. doi: 10.1016/j.humimm.2015.02.002.
2. Gagnon A, Acosta JE, Madrenas J, Miller MS. Is Antigenic Sin Always "Original?" Re-examining the Evidence Regarding Circulation of a Human H1 Influenza Virus Immediately Prior to the 1918 Spanish Flu. *PLoS Pathog* 2015 Mar 5;11(3):e1004615. doi: 10.1371/journal.ppat.1004615. eCollection 2015 Mar. PubMed PMID: 25742615; PubMed Central PMCID: PMC4351064.



3. Isnard A, Christian JG1, Kodiha M, Stochaj U, McMaster WR, Olivier M. Impact of Leishmania Infection on Host Macrophage Nuclear Physiology and Nucleopore Complex Integrity. *PLoS Pathog*. 2015 Mar 31;11(3):e1004776. doi: 10.1371/journal.ppat.1004776. eCollection 2015.
4. Miller MS, Rialdi A, Ho JS, Tilove M, Martinez-Gil L, Moshkina NP, Peralta Z, Noel J, Melegari C, Maestre AM, Mitsopoulos P, Madrenas J, Heinz S, Benner C, Young JA, Feagins AR, Basler CF, Fernandez-Sesma A, Becherel OJ, Lavin MF, van Bakel H, Marazzi I. Senataxin suppresses the antiviral transcriptional response and controls viral biogenesis. *Nat Immunol*. 2015 Mar 30. doi: 10.1038/ni.3132. [Epub ahead of print]
5. Mitsopoulos P, Chang YH, Wai T, König T, Dunn SD, Langer T, Madrenas J. Stomatin-like Protein-2 is Required for In vivo Mitochondrial Respiratory Chain Supercomplex Formation and Optimal Cell Function. *Mol Cell Biol* 2015 Mar 16. pii: MCB.00047-15. [Epub ahead of print] PubMed PMID: 25776552.
6. Scarborough RJ, Gatignol A. HIV and Ribozymes. *Adv Exp Med Biol*. 2015;848:97-116. doi: 10.1007/978-1-4939-2432-5\_5.
7. Thomassin JL, Giannakopoulou N, Zhu L, Gross J, Salmon K, Leclerc JM, Daigle F, Le Moual H, Gruenheid S. The CpxRA two-component system is essential for *Citrobacter rodentium* virulence. *Infect Immun*. 2015 Feb 23. pii: IAI.00194-15.
8. Van Den Ham KM, Shio MT, Rainone A, Fournier S, Krawczyk CM, Olivier M. Iron Prevents the Development of Experimental Cerebral Malaria by Attenuating CXCR3-Mediated T Cell Chemotaxis. *PLoS One*. 2015 Mar 13;10(3):e0118451. doi: 10.1371/journal.pone.0118451. eCollection 2015.

## FACES OF EXCELLENCE

**Aghdas Zamani**  
Course Coordinator (Teaching Laboratories)



*How long have you been with the Department?*

I was relocated from Macdonald Campus to MIMM on July 15, 1996. I was working there in research labs since 1982.

*What is your job description (short biography)?*

I work as laboratory course coordinator to oversee all the requirements for the undergraduate laboratory courses in the Department. This includes preparing the material for laboratory exercises of undergraduate students, maintaining the equipment and inventory of supplies and helping Teaching Assistants for some techniques involved in the laboratory experiments. I am involved in two courses for each term.

*What do you look forward to when you come to work every day?*

I love to work with students and I am happy to contribute to their education as much as I can.



## ANNOUNCEMENTS



Congratulations to Olivia Ganescu (U1) who has been chosen for the Institut Genetique Biologie Moleculaire Cellulaire (IGBMC) Undergraduate Summer Internship, in Strasbourg France. Olivia will join Dr. Daniel Metzger's research team working on a project concerning the signaling pathway of glucocorticoid nuclear receptors.



Congratulations to Tyler Cannon (U2) who has been chosen to receive a NSERC Undergraduate Student Research Award for Summer 2015 to undertake research in the Gruenheid lab.



Dr Samantha Gruenheid has been named the Canadian Representative of the Small World Initiative program. In this role, she will be the leader for expanding the program within Canada. Way to go Dr Gruenheid!



Dr Marcel A. Behr recently had an article in the Montreal Gazette: *Opinion: It is the global community's responsibility to help eradicate tuberculosis*. To read the article, **[click here](#)**.



You can also read Dr Mark A. Wainberg's article in the Montreal Gazette: *Opinion: There should be a limit to free speech when it endangers public health*. To read the article, **[click here](#)**.



Congratulations to Dr Claire Trottier for having been accepted for the 2015-2016 Biology Scholars Program Research Residency. The Research Residency is part of the Biology Scholars program offered by the American Society for Microbiology. Participants in this one year program receive training on education research and are mentored as they conduct a research project.

## UPCOMING

### **GALA 2015.**

Save the date! The Gala 2015 will take place on April 10<sup>th</sup>. You have until Thursday April 2<sup>nd</sup> to get your ticket. Tickets can be purchased for a cost of \$55 in the MIMM office. If you aren't able to come by April 2<sup>nd</sup> to pick up your ticket, please send an email to **Patrick Ritchie** and he can set one aside for you.

### **INTERNATIONAL SYMPOSIUM ON HUMAN IMMUNITY AND THE MICROBIOME COMING TO MONTREAL IN 2015.**

As a result of a partnership between Cell Press (Elsevier) and the CIHR Human Immunology, we are proud to announce the celebration of an International Symposium on Human Immunity and the Microbiome in Health and Disease coming up in September 27-29, 2015. For further information, **[click here](#)**.

### **CANADIAN SOCIETY OF MICROBIOLOGY**

To register for the annual meeting of the Canadian Society of Microbiology, **[click here](#)**. The meeting is June 15-18 at the University of Regina. The abstract submission opens February 15<sup>th</sup> and closes March 31<sup>st</sup> and the deadline for "early bird" submission is April 30<sup>th</sup>.

### **CANADIAN SOCIETY OF IMMUNOLOGY**

To register for the 28<sup>th</sup> Annual CSI Conference (June 4<sup>th</sup> to 7<sup>th</sup>, 2015 in Winnipeg), **[click here](#)**.



# MIMM BITES

A NEWSLETTER OF MCGILL'S MICROBIOLOGY & IMMUNOLOGY DEPARTMENT

APRIL 2015

## SERVICES

### Duff Biobar Updates – New Biobar member Norgen Biotek Corp.

#### BioBar Hours

The operating hours for the BioBar are the following: between 8-12 and 1-4.

Don't forget the Biobar Stocks Useful Lab Supplies such as: Kleenex; Bleach; Gloves; Paper Towels; Etc.

At competitive price! Please visit our website for the [Biobar list of company](#). For more information, please visit [Tom](#) (RM-514, 514-398-3920).

If you would like to get a list of products available at the BioBar, please contact Tom Ringer at [tom.ringer@mcgill.ca](mailto:tom.ringer@mcgill.ca).



You are all encouraged to submit any news, grants, papers, awards, pictures, or items that you want to include to our monthly newsletter. We will be happy to share them with the rest of the department. You can email them to **Patrick Ritchie**.