

UNIVERSITY OF TORONTO – DEPARTMENT OF IMMUNOLOGY  
**IMM1020HS - Recent Advances in Clinical Immunology - Winter Term 2017**

**COURSE DESCRIPTION, OUTLINE AND LECTURE SCHEDULE**

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**COURSE COORDINATORS:** Dr. Philippe Poussier ([philippe.poussier@sri.utoronto.ca](mailto:philippe.poussier@sri.utoronto.ca)),  
Dr. Rae Yeung ([rae.yeung@sickkids.ca](mailto:rae.yeung@sickkids.ca))

**TIME:** Thursday's - 1:30 PM to 3:30 PM

**LOCATION:** 150 College Street, Fitzgerald Building, Room FG139, University of Toronto  
(<http://map.utoronto.ca/building/025>)

**OVERVIEW AND OBJECTIVES:**

This course is designed to give basic science students in immunology an appreciation of clinical issues and diseases relevant to the broad field of Immunology, hopefully planting the seeds for future collaboration between bench and clinical science researchers. The topics covered by the lecturers are numerous such as Type 1 Diabetes, RA, LED, MS, Malignancies of the Hemopoietic System, Cytokines, GVH, Immunotherapy, Infectious Diseases (AIDS), Transplantation etc...

**COURSE FORMAT:**

To give a rapid overview of the topic (~30min) and then to discuss a couple of papers (2-3) chosen by the lecturer as illustrating major findings/breakthrough/problems in the topic. Papers will be given to the students in advance of the lecture. The goal is to stimulate interaction/discussion between the lecturers and the students.

**REQUIREMENTS AND EVALUATIONS:**

Students are required to read the assigned papers/articles prior to each lecture. The final exam is a take home exam where students are asked to review an article/paper and answer a short essay question related to the topic covered during the lecture. Each lecturer is asked to pick an article/paper (distinct from those discussed during the lecture) and provide an essay question. The course coordinators will randomly select 5-6 articles/paper and related essay questions for the exam. Students will choose one of these 5-6 articles/ related essay questions and will have 48 hours to complete the exam. Lecturers mark the students who picked their article and question.

## SCHEDULED LECTURES (Tentative)

DATE	LECTURER	TOPIC
February 2	Philippe Poussier	Autoimmune Diabetes
February 9	Katherine Simonovitch	Advances in Genetic Dissection of Autoimmune Diseases
<b>Tuesday February 14 Will be Held at MSB Rm 2290</b>	<b>Aleixo Muise</b>	<b>Innate Immunity in IBD and Autoimmunity</b>
February 23	Robert Inman	Interplay Of Genetics and Infection in Arthritis
March 2	Jennifer Gommerman	Autoimmune Diseases of the CNS
March 9	Joan Wither	Systemic Lupus Erythematosus
March 16	Neil Berinstein	Cancer Immunology and Cancer Immunotherapy
March 23	Mario Ostrowsk	HIV Immunopathogenesis, Viral Persistence and CD4 Decline
March 30	Ken Croitoru	Inflammatory Bowel Disease
April 6	Eleanor Fish	Interferon as a Broad Spectrum Antiviral
April 13	Theo Moraes	RSV Infection and Immunization
<b>April 20-22</b>	<b>Final Exam</b>	