

UNIVERSITY OF TORONTO – DEPARTMENT OF IMMUNOLOGY
IMM2500 - Recent Advances in Clinical Immunology - Winter Term 2019

COURSE DESCRIPTION, OUTLINE AND LECTURE SCHEDULE

COURSE COORDINATOR: Dr. Philippe Poussier (philippe.poussier@sri.utoronto.ca),

TIME: Monday's - 1:00 PM to 4:00 PM

LOCATION: **Room: PB 255** (Leslie Dan Pharmacy Building, 144 College Street, Toronto, ON M5S 3M2)
University of Toronto

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 include Type 1 Diabetes, RA, LED, MS, Malignancies of the Hemopoietic System, Cytokines, GVH, Immunotherapy, Infectious Diseases (AIDS), and 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

DATE	LECTURER	TOPIC
January 14	Philippe Poussier	Autoimmune Diabetes
January 21	Katherine Simonovitch	Advances in Genetic Dissection of Autoimmune Diseases
January 28	NO LECTURE	
February 4	Robert Inman	Interplay Of Genetics and Infection in Arthritis
February 11	Jennifer Gommerman	Autoimmune Diseases of the CNS
February 18	NO LECTURE	READING WEEK
February 25	Joan Wither	Systemic Lupus Erythematosus
March 4	Neil Berinstein	Cancer Immunology and Cancer Immunotherapy
March 11	Mario Ostrowski	HIV Immunopathogenesis, Viral Persistence and CD4 Decline
March 18	Ken Croitoru	Inflammatory Bowel Disease
March 25	Eleanor Fish	Interferon as a Broad Spectrum Antiviral
April 1	Theo Moraes	RSV Infection and Immunization
April 8	NO LECTURE	EASTER MONDAY
April 10-12	FINAL EXAM	

Last Update: December 14, 2018