

PHGY 531: TOPICS IN APPLIED IMMUNOLOGY

Course Outline

Winter 2022

Tuesdays: 3:05 pm – 4:55 pm

Room 1101

(January 11th – April 12th, 2022 inclusive)

Course Coordinators:

Dr. Mary Stevenson
Duff Medical Building, Room 508

Dr. Nicole Bernard
RI-MUHC, Glen site, Room EM3.3238
(514) 934-1934 ext. 44584

Dr. Salman Qureshi
RI-MUHC, Glen site, Room EM2.2236
(514) 934-1934 ext. 44626

Course Secretary:

Maria Dimas
undergrad2.physiology@mcgill.ca

DATE

TOPIC

TOPIC EXPERT

January 11

Introduction: Choice of Topics

Dr. Mary Stevenson
Dr. Nicole Bernard
Dr. Salman Qureshi

January 18

Innate Immunity Against
Cryptococcus neoformans

Dr. Salman Qureshi
MUHC Research Institute
Glen site, Room EM2.2236
(514) 934-1934 ext. 44626
salman.qureshi@mcgill.ca

January 25

Innate Immunity and the
Regulation of Allergic Airways
Disease

Dr. Elizabeth Fixman
MUHC Research Institute
Glen site, Room EM3.2242
(514) 934-1934 x-76242
elizabeth.fixman@mcgill.ca

February 1

Host Responses to HIV

Dr. Nicole Bernard
MUHC Research Institute
Glen site, Room EM3.3238
(514) 934-1934 ext. 44584
nicole.bernard@mcgill.ca

February 8

Trained Immunity-effects of
Innate Immunomodulation on
Long Term Immune Responses

Dr. Christine McCusker
MUHC Research Institute
Glen site, Room EM3.2230
(514) 412-4470
christine.mccusker@mcgill.ca

February 15

Immune Responses Against
Parasites

Dr. Momar Ndao
MUHC Research Institute and McGill
Glen site, Room EM3.3244
Department of Infectious Disease
(514) 934-1934 x-44537
momar.ndao@mcgill.ca

PHGY 531: TOPICS IN APPLIED IMMUNOLOGY
Course Outline
Winter 2022

February 22	Macrophage Activation and Host Resistance to Infection	Dr. Danuta Radzioch MUHC Research Institute Glen site, Room EM2. 3242 (514) 934-1934 ext. 44517 danuta.radzioch@mcgill.ca
-------------	--	--

Feb. 28 to March 4
STUDY WEEK – NO CLASSES

March 8	Host Responses to Malaria	Dr. Mary Stevenson Dept. of Microbiology and Immunology Duff Medical Building, Room 402 3775 University Street mary.stevenson@mcgill.ca
March 15	Type 2 Immune Responses in the Intestine	Dr. Irah King MUHC Research Institute Glen site, Room, EM2.2232 (514) 934-1934 x-35509 irah.king@mcgill.ca
March 22	Innate Lymphoid Cells in Infections	Dr. Jorg Fritz Dept. of Microbiology and Immunology Bellini Pavilion Room 334 3649 Promenade Sir-William Osler (514) 398-1707 jorg.fritz@mcgill.ca
March 29	Viral Emergence and Reservoir Host Immunity	Dr. Judith Mandl Department of Physiology Bellini Pavillon, Room 364 3649 Promenade Sir-William Osler (514) 398-3149 judith.mandl@mcgill.ca
April 5	Host-pathogen interactions in immune evasion of <i>Pseudomonas aeruginosa</i>	Dr. Dao Nguyen MUHC Research Institute Glen site, Room EM3.L11-513 (514) 934-1934 ext. 42534 dao.nguyen@mcgill.ca
April 12	T cell Responses during Chronic Infections	Dr. Simona Stager INRS, Institute Armand Frappier Building 18, Room D112 (450) 687-5010 x4403 simona.stager@iaf.inrs.ca

PHGY 531: TOPICS IN APPLIED IMMUNOLOGY
Course Outline
Winter 2022

EVALUATION

The final grade for the course will be calculated as follows:

50% Weekly participation in class discussion

50% Performance as Student Moderator of a chosen session

At the first class, each student will choose a session to act as the Student Moderator during the semester. Two weeks before each session, the Topic Expert will provide the Student Moderator with a list of papers (1-2 topic reviews and 2-3 original research papers for class discussion). The Student Moderator is expected to prepare a short (NOT longer than 15 minutes) introduction consisting of background information concerning the topic. The assigned papers will be required reading for all students. Following the introduction, the Student Moderator will direct a group discussion about the assigned papers, with assistance from the Topic Expert. After each session, the Student Moderator will be advised on their mark by one of the Course Coordinators.

McGill University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see <http://www.mcgill.ca/srr/honest> for more information).

Every student has the right to write term papers, examinations, and theses in English or French, except in courses where knowledge of the language is one of the objectives of the course.

In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change.

© Instructor generated course materials (e.g., handouts, notes, summaries, exam questions, etc.) are protected by law and may not be copied or distributed in any form or in any medium without explicit permission of the instructor. Note that infringements of copyright can be subject to follow up by the University under the code of Student Conduct and Disciplinary Procedures.