

Metabolic Biochemistry and Immunology (PHM142H)

Instructors:

Dr. Jeffrey Henderson

Pharm (903) jeff.henderson@utoronto.ca

Office hours: Tues. 11-12 pm, Thurs. 12-1 pm

Dr. Bowen Li

Pharm (901) bw.li@utoronto.ca

Office hours: Tues. 11-12 pm, Thurs. 12-1 pm

TA's:

(Henderson)

Shudi Huang

Sako Mirzaie

(Li)

Charles Chen

Alaa Selim

shudi.huang@mail.utoronto.ca (962)

s.mirzaie@mail.utoronto.ca (1162)

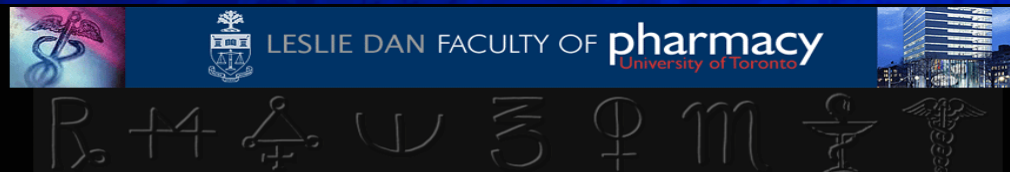
charless.chen@mail.utoronto.ca (952)

alaa.selim@utoronto.ca (952)

Office hours: Thurs. 12-1 pm

Accessing course website and grades:

- Course website URL is:
<http://db.phm.utoronto.ca/phm142.htm>
(or locate on Google instructor or 'PHM142')
- Students can access grades database via their U of T login (Quercus) for PHM142:



PHM142 - Metabolic Biochemistry and Immunology

Introduction:

This course examines the biochemistry and regulation of human metabolic pathways, together with the clinical implications of derangement of these systems. The mechanism of relevant drug action, as well as the underlying cellular anatomy of affected organs/systems is also stressed. This course also provides students with an introduction to principles of immunology and the regulatory mechanisms utilized by drugs which alter immune response.

PHM142 Assessments:

***Note:** Information provided in both Lectures AND Presentation topics are fair game for exams

Tuesday - student presentations	10 am - 11 am
Thursday - course lectures	10 am - 12 pm

Quizzes (2 ×15% = 30%), October 1st and November 26th

Mid-Term Exam (30%) Oct 14-18th

Final Exam (non-cumulative) (40%), TBA

Extra credit (4%) 10 minute class presentation.
Presentations slots are on a first-come, first-serve basis.

Other Class Notes:

Presentations:

Sign-up sheet can be found at: <https://volunteersignup.org/MHJHW> (max 4 persons/group). To receive credit please print your FIRST and LAST name as indicated with registrar on subject line.

For convenience, students drop their group presentations at:

<https://www.dropbox.com/request/SnmwGxqOR2uEUjkgMySV>
on the assigned day.

Announcements:

Announcements can be found at: <http://db.phm.utoronto.ca/phm142.htm>

Any class modifications will be listed at this site. Any changes to online office hours / TA meetings will also be communicated here. Passcodes for online meetings can be found at PHM142 Quercus site.

Recommended texts:

1. "Textbook of Biochemistry with Clinical Correlations" 7th ed. (Devlin).
2. "Biochemistry" 7th ed. (Berg, Tymoczko and Stryer).
3. Lippincott's Illustrated Reviews, Immunology" 2nd ed. (Doan, Melvold, Viselli, Waltenbaugh).
4. "Janeway's Immunobiology" 8th ed. (Murphy).