

Job Title: Sessional Lecturer-PHC301H1: Molecular Pharmacology 2

Date Posted: 10/28/2020

Req ID: 1702

Faculty/Division: Faculty of Pharmacy

Department: Faculty of Pharmacy

Campus: St. George (Downtown Toronto)

Course number and title: PHC301H1: Molecular Pharmacology 2

Course description: Structural and mechanistic determinants of drug action via macromolecules that effect cellular signalling. Neurohumoral receptors and other signalling proteins are grouped according to their structure and mechanism of action. Native properties and their modulation by drugs are discussed in the context of basic principles of molecular pharmacology.

Prerequisite:

(CHM135H1, CHM136H1)/(CHM138H1, CHM139H1)/CHM151Y1; CHM220H1/CHM222H1; BCH210H1

Exclusion:

PCL302H1, PHM140H1

Distribution Requirements: Science

Breadth Requirements: Living Things and Their Environment (4)

Program Area Section: [Pharmaceutical Chemistry](#)

Estimated course enrolment: 270

Estimated TA support: 54 hours

Class schedule: Monday 1-2 pm, Tues 9-11 am, Wed 12-1pm

Sessional dates of appointment: January 1, 2021-July 31, 2021

Salary: \$1117.06 inclusive of vacation pay. Salary represents teaching 5 hours of 38 hour half year course. (5 direct contact lecture hours, setting midterm and final exam, hosting office hours)

Please note that should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

Minimum qualifications: Applicants should at a minimum, possess a PhD with expertise in the area of nuclear hormone receptors.

- Expert knowledge on the structure of nuclear hormone receptors and how this relates to their function.
- Working knowledge of chromatin modifiers and how they are used as therapeutics.
- Working knowledge of approved drugs and drugs in the pipeline that target the nuclear receptor superfamily.
- Prior experience teaching material covered in PHC301 related to molecular regulation of transcription, nuclear receptors and coregulators.

Preferred qualifications:

- Knowledge of the Quercus platform for online course delivery and experience in online teaching is an asset.

Description of duties: Collaborating with the course coordinator to develop, deliver and administer an online series of 5 hours of lectures on nuclear hormone receptors to be presented synchronously

as Powerpoint slides online via Quercus with recording of the session. Hosting synchronous online office hours to discuss the lecture material and answer any questions. Prepare and post on Quercus an online mid-term examination and final examination for students which may consist of a mixture of multiple-choice and short and long answer questions. Coordinate the marking of the examination and report the marks on Quercus and to the course coordinator. Prepare a make-up or supplementary examination as needed for any students. Interact with information technology staff to obtain instruction and guidance on online teaching using the Quercus platform, and to resolve any issues with online delivery of course material or assessments. Interacting with teaching assistants in the course as needed to facilitate delivery of course material or to coordinate assessments and marking as required.

Application instructions: Please submit resume, cover letter and completed CUPE Unit 3 Application form to academichr.phm@utoronto.ca referencing "PHC301- 2020" in the subject line. Application form can be found on the Leslie Dan Faculty of Pharmacy Website <https://www.pharmacy.utoronto.ca/about-leslie-dan-faculty-pharmacy/job-opportunities>

Closing Date: 11/19/2020, 11:59PM EDT

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This job is posted in accordance with the CUPE 3902 Unit 3 Collective Agreement.

It is understood that some announcements of vacancies are tentative, pending final course determinations and enrolment. Should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

Preference in hiring is given to qualified individuals advanced to the rank of Sessional Lecturer II or Sessional Lecturer III in accordance with Article 14:12 of the CUPE 3902 Unit 3 collective agreement.

Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE 3902 Unit 1 collective agreement rather than the Unit 3 collective agreement, and should not apply for positions posted under the Unit 3 collective agreement.