Biochemistry 9505T
Translational research in Biochemistry

1. Instructor information:

Dr. Walter Siqueira DDS PhD (Course Director)
Email: walter.siqueira@uwo.ca
Phone: 519 661 2111 x 86104
Office: DSB0071

Dr. Madhulika Gupta PhD
Email: mngupta@uwo.ca
Phone: (519) 685-8500 x55099

2. Day and Time:

Tuesday Mornings (9:30 AM -11:30 AM)

March 13, 2018 – Introduction to the course and Lecture “Overview on Translational Research”

   Note: No class on Tues. March 20th
March 27, 2018 – Group discussion
April 3, 2018 – Lecture “Patent and intellectual property”
April 10, 2018 – Group 1 and 2 presentations
April 17, 2018 - Group 3 and 4 presentations
April 24, 2018 - Group 5 and 6 presentations

3. Location:

Room 346 MSB

4. Course description:

Graduate students will learn and discuss all phases related to translational research, including translational aspects of clinical science. Classes will be once a week. The first two days will be introductory lectures to the correlated topics and the remaining weeks will be for student presentations and group discussion on topics related to the course, methodologies, research grant applications focus on the process of translating basic scientific discoveries to pre-clinical, clinical applications and entrepreneurship.

5. Course material:

Recommended books:

1. Clinical and Translational Science, Principles of Human Research Edited by: David Robertson and Gordon H. Williams
2. Leading the Translational Research in Biomarkers: Book Edition of Cancer Biomarkers Edited by S. Srivastava
6. Methods of Evaluation:

60% presentation
- In the second day of class a draw will be made to decide the presentation topics and order of presentation.
- Evaluation criteria:
  - Content
  - Organization
  - Delivery and effectiveness
  - Discussion

40% general participation
- Evaluation criteria:
  - Talking during the discussion, including both questions and answers
  - Positive listening skills: paying attention, looking interested, positive body language
  - Responding to other students during discussion
  - Bringing prepared discussion questions to class
  - Giving feedback to fellow students on their presentation
  - Summarize discussion

7. Number of Students:

The maximum enrollment will be 15 students

8. Statement on Academic Offences:

Students seeking academic accommodation on medical grounds for any missed tests, exams, participation components and/or assignments worth 10% or more of their final grade must apply to the Graduate Administrator, Barb Green, as soon as possible and provide documentation.

The statement: “Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site:
http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_grad.pdf

All required papers may be subject to submission for textual similarity review to the commercial plagiarism-detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (http://www.turnitin.com).

Plagiarism: Students must write their essays and assignments in their own words. Whenever students take an idea or a passage from another author, they must acknowledge their debt both by
using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence (see Scholastic Offence Policy in the Western Academic Calendar).

As part of a successful graduate student experience at Western, we encourage students to make their health and wellness a priority. Western provides several on campus health-related services to help you achieve optimum health and engage in healthy living while pursing your graduate degree. For example, to support physical activity, all students, as part of their registration, receive membership in Western’s Campus Recreation Centre. Numerous cultural events are offered throughout the year. Please check out the Faculty of Music web page http://www.music.uwo.ca/, and our own McIntosh Gallery http://www.mcintoshgallery.ca/. Information regarding health- and wellness-related services available to students may be found at http://www.health.uwo.ca/

Students seeking help regarding mental health concerns are advised to speak to someone they feel comfortable confiding in, such as their faculty supervisor, their program director (graduate chair), or other relevant administrators in their unit. Campus mental health resources may be found at http://www.health.uwo.ca/mental_health/resources.html

To help you learn more about mental health, Western has developed an interactive mental health learning module, found here: http://www.health.uwo.ca/mental_health/module.html. This module is 30 minutes in length and provides participants with a basic understanding of mental health issues and of available campus and community resources. Topics include stress, anxiety, depression, suicide and eating disorders. After successful completion of the module, participants receive a certificate confirming their participation.

**Helpful Resources @ Western for Graduate Students**

*Writing Support Centre* [http://www.sdc.uwo.ca/writing/](http://www.sdc.uwo.ca/writing/)  
SDC’s Learning Skills Services, Rm 4100 WSS, www.sdc.uwo.ca/learning  
LS counsellors are ready to help you improve your learning skills. We offer presentations on strategies for improving time management, multiple-choice exam preparation/writing, textbook reading, and more. Individual support is offered throughout the Fall/Winter terms in the drop-in Learning Help Centre, and year-round through individual counselling.  
*The Student Success Centre: [http://success.uwo.ca/](http://success.uwo.ca/)*