

3. COURSE MATERIALS

Lecture Notes/Articles:

These will be posted to OWL prior to each lecture. Power Point Presentation for each lecture may or may not be posted - that will be at the discretion of each lecturer whether they would like their ppt posted.

Text:

There is no required text for this course

SAMPLE TOPICS AND READINGS:

- Melmed S. (2011). Pathogenesis of pituitary tumors. *Nat Rev Endocrinol.* **7**(5):257-66.
- Asa SL and Ezzat S. (2009). Pathogenesis of pituitary tumors. *Annu Rev Pathol.* **4**:97-126.
- Mulatero P, Monticone S, Rainey WE, Veglio F, Williams TA. (2013). Role of KCNJ5 in familial and sporadic primary aldosteronism. *Nat Rev Endocrinol.* **9**:104-12.
- Tomaschitz A, Pilz S, Ritz E, Obermayer-Pietsch B, Pieber TR. (2010). Aldosterone and arterial hypertension. *Nat Rev Endocrinol.* **6**:83-93.
- Muñoz-Pinedo C, El Mjiyad N, Ricci JE. (2012). Cancer metabolism: current perspectives and future directions. *Cell Death Dis.* **3**:e248.
- Thakker RV. (2010) Multiple endocrine neoplasia type 1 (MEN1). *Best Practice & Research Clinical Endocrinology & Metabolism* **24** :355–370.
- Wohllk N, Schweizer H, Erlic Z, et al. (2010). Multiple endocrine neoplasia type 2. *Best Practice & Research Clinical Endocrinology & Metabolism* **24**:371–387
- Mohan M, Lin C, Guest E and Shilatifard A. (2010). Licensed to elongate: a molecular mechanism for MLL-based leukaemogenesis. *Nat Rev Cancer* **10**: 721-28.

4. EVALUATION:

Component	Date	% of Final Mark
Midterm Test	Please see lecture schedule Test information will also be posted to OWL (2 hours)	45%
Final Examination	December exam period Exam information will also be posted to OWL (2.5 hours)	55%

- For a breakdown of which topics are examined on each exam please refer to the course schedule.
- The test/exam consist of a combination of Multiple Choice Questions (MCQ) and Short Answer Questions (SAQ). Each MCQ is worth 1 mark. Each SAQ is **usually** worth 5 marks.

Exam viewing:

Students may request to view their exams **within three weeks** from the date that the grade was released. In order to do this you must make an appointment with the TA (if there is no TA then with the Course Administrator) to go over the exam.

15% Assessment Rule: (1000- and 2000-level courses)

At least three days prior to the deadline for withdrawal from a course without academic penalty, students will receive assessment of work accounting for at least 15% of their final grade. For more details, refer to the link below:

http://www.uwo.ca/univsec/pdf/academic_policies/exam/evaluation_undergrad.pdf

POLICY ON ROUNDING AND BUMPING OF GRADES

Across the Basic Medical Sciences Undergraduate Education programs and within the Department of Pathology and Laboratory Medicine we strive to maintain high standards that reflect the effort that both students and faculty put into the teaching and learning experience during this course. All students will be treated equally and evaluated based only on their actual achievement. **Final grades** on this course, irrespective of the number of decimal places used in marking individual assignments and tests, will be calculated to one decimal place and rounded to the nearest integer, e.g., 74.4 becomes 74, and 74.5 becomes 75. Marks **WILL NOT be bumped** to the next grade or GPA, e.g. a 79 will NOT be bumped up to an 80, an 84 WILL NOT be

bumped up to an 85, etc. The mark attained is the mark you achieved and the mark assigned; requests for mark “bumping” will be denied.

5. ADDITIONAL INFORMATION/STATEMENTS

The website for the Office of the Registrar is <http://www.registrar.uwo.ca>

Statement on Official Email Addresses

In accordance with policy, <http://www.uwo.ca/its/identity/activatenonstudent.html> the centrally administered e-mail account provided to students will be considered the individual's official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at his/her official university address is attended to in a timely manner.

Statement on Academic Offences

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 website: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Statement on Use of Cell Phone and Electronic Devices

The Schulich School of Medicine & Dentistry is committed to ensuring that testing and evaluation are undertaken fairly across all our departments and programs. For all tests and exams, it is the policy of the School and the Department of Pathology and Laboratory Medicine that any electronic devices, i.e., cell phones, tablets, cameras, or iPod are strictly prohibited. These devices **MUST** be left either at home or with the student's bag/jacket at the front of the room and **MUST NOT** be at the test/exam desk or in the individual's pocket. Any student found with one of these prohibited devices will receive a grade of zero on the test or exam. Non-programmable calculators are only allowed when indicated by the instructor. The Department of Pathology and Laboratory Medicine is not responsible for stolen/lost or broken devices.

6. ABSENCE FROM COURSE COMMITMENTS

Academic Consideration for Student Absences

If you are unable to meet a course requirement due to illness or other serious circumstances, you must seek approval for the absence as soon as possible. Approval can be granted either through a **self-reporting of absence** or via the Academic Counselling Office of the Faculty of Science located in NCB 280, and can be contacted at scibmsac@uwo.ca.

NEW!! For further information, please consult the university's policy on academic consideration for student absences as there are updates to the academic consideration procedures. https://www.uwo.ca/univsec/pdf/academic_policies/appeals/Academic_Consideration_for_absences.pdf

The policy on Accommodation for Religious Holidays can be found here: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_religious.pdf

A. Absence for medical and non-medical reasons:

Students must familiarize themselves with the Policy on Accommodation for Medical Illness for Undergraduate Students, located at: http://www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_medical.pdf

A Western Student Medical Certificate (SMC) is required when a student is seeking academic accommodation. This documentation should be obtained at the time of the initial consultation with the physician/nurse practitioner or walk-in clinic. http://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf

Medical/Compassionate Relief Program Policy

*It is current policy that students who are unable to write a test or examination or other form of course evaluation are required to obtain a medical certificate that is taken to the Academic Counseling Office, NCB 280 (for Science and Basic Medical Science students) or to your appropriate Home Faculty Counseling Office. In the case of an unexpected absence on compassionate grounds, documentation is also requested. **Such documentation must be submitted by the student directly to the Academic Counseling office and not to the instructor.** An academic counselor in that office will review and either approve or deny the accommodation request. It will be the Academic Counseling office that will determine if accommodation is warranted. This policy applies to all forms of assessment, including evaluations that are less than 10%.*

Statement from the Academic Counselling Office, Faculty of Science (for Science and BSc students)

If you are unable to meet a course requirement due to illness or other serious circumstances, you must provide valid medical or other supporting documentation to the Academic Counselling Office as soon as possible and contact your instructor immediately. It is the student's responsibility to make alternative arrangements with their instructor once the accommodation has been approved by the Academic Counselling Office and the instructor has been informed.

PATHOLOGY AND LABORATORY MEDICINE POLICY FOR MISSED EXAMS:

- If a student misses an exam for valid reasons (see Absence Policy), they will be granted permission to write the makeup exam.
- If the corresponding make-up exam is also missed, he/she will be expected to write the exam the next time the course is offered (i.e. the following year).

B. Special Examinations

http://www.uwo.ca/univsec/pdf/academic_policies/exam/definitions.pdf

A Special Examination is any examination other than the regular final examination, and it may be offered only with the permission of the Dean/Academic Counselling Office of the Faculty in which the student is registered, in consultation with the instructor and Department Chair. Permission to write a Special Examination may be given on the basis of compassionate or medical grounds with appropriate supporting documents. You may also be eligible to write the Special Examination if you are in a "Multiple Exam Situation". See:

http://www.registrar.uwo.ca/examinations/exam_schedule.html

A Special Examination must be written at the University or an Affiliated University College no later than 30 days after the end of the examination period involved. To accommodate unusual circumstances, a date later than this may be arranged at the time permission is first given by the Dean/Academic Counselling Office of the Faculty. The Dean/Academic Counselling Office will consult with the instructor and Department Chair and, if a later date is arranged, will communicate this to the Office of the Registrar.

If a student fails to write a scheduled Special Examination, permission to write another Special Examination will be granted only with the permission of the Dean/Academic Counselling Office in exceptional circumstances and with appropriate supporting documents. In such a case, the date of this Special Examination normally will be the scheduled date for the final exam the next time the course is offered.

When a grade of Special (SPC) or Incomplete (INC) appears on a student's record, the notations will be removed and replaced by a substantive grade as soon as the grade is available.

7. SUPPORT SERVICES:

Academic Counselling (Science and Basic Medical Sciences): <http://www.uwo.ca/sci/counselling>

Accessibility: Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 661-2111 x 82147 for any specific question regarding an accommodation. The policy on Accommodation for Students with Disabilities can be found here:

https://www.uwo.ca/univsec/pdf/academic_policies/appeals/Academic%20Accommodation_disabilities.pdf

Student Development Centre (SDC): Learning-skills counsellors at SDC are ready to help you improve your learning skills. They 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. <http://www.sdc.uwo.ca>

Mental Health: Students who are in emotional/mental distress should refer to Mental Health@Western for a complete list of options about how to obtain help.

http://www.health.uwo.ca/mental_health

Student Health Services: <https://www.uwo.ca/health/shs/index.html>

Additional student-run support services are offered by the USC, <http://westernusc.ca/services>

Pathology 4200a

"Current Concepts in the Pathogenesis of Human Diseases"

2019-2020 Lecture Schedule

Mondays, 11:30am-1:30pm, Dental Sciences Bldg, Room 2016

Course Coordinator: [Dr. Chandan Chakraborty](#)

4-Sep-19

DATE	TOPIC	LECTURER
Monday, September 9, 2019	Metabolism in Cancer	Dr. C. Chakraborty
Monday, September 16, 2019	Stem Cell and Cancer	Dr. Z. Khan
Monday, September 23, 2019	Molecular Mechanisms of Primary Aldosteronism	Dr. C. Chakraborty
Monday, September 30, 2019	Pathogenesis of Pituitary Tumours	Dr. C. Chakraborty
Monday, October 7, 2019	Molecular Endocrinology of Multiple Endocrine Neoplasia	Dr. C. Howlett
Wednesday, October 16, 2019	MIDTERM EXAM 7:00pm-9:00pm - NCB117 (Exam will cover lectures from beginning of course up to and including Oct 7)	
Monday, October 14, 2019	THANKSGIVING	
Monday, October 21, 2019	Pathogenesis of Diabetes Mellitus and It's Complications	Dr. Z. Khan
Monday, October 28, 2019	Signalling Derangements in Acute and Chronic Leukemia's	Dr. C. Howlett
NOVEMBER 4-10, 2019	READING WEEK	
Monday, November 11, 2019	Immunology of Cancer	Dr. L. Cameron
Monday, November 18, 2019	Autoimmune Diseases	Dr. L. Cameron
Monday, November 25, 2019	Cellular Stress Response in Neurodegenerative Diseases	Dr. M. Duennwald
Monday, December 2, 2019	Cellular Stress Responses in Cancer and Diabetes	Dr. M. Duennwald
DECEMBER 8-19, 2019	FINAL EXAM PERIOD (Exam will cover lectures from Oct 21 to end of course)	