

PATH 823

COURSE OUTLINE SEPTEMBER TO DECEMBER, 2008

Co-ordinator: Dr. Bruce Elliott
(elliottb@queensu.ca)

DATE AND TIME: Fridays, 9:30-12:30 PM (unless otherwise indicated)

PLACE: Conference Room 100/101, 1st Floor, Cancer Research Institute

WK	DATE	DURATION	TOPIC	SESSION LEADER
1	Sept 19	1h: 9:30-11:30 0.5h 11:30-12:00	Introduction – Initiation of cancer and tumour progression Administrative issues	Elliott
2	Sept 26	2h: 9:30-11:30 AM M	Pathology of Cancer	Boag
3	Oct 3	3h*: 9:30-12:30 AM	Growth factors and signal transduction pathways	Raptis
4	Oct 10	3h*: 9:30-12:30 AM	Nuclear oncogenes and gene transcription	Lebrun
5	Oct 17	3h*: 9:30-12:30 AM	Mechanisms of tumor suppression	Yang
6	Oct 28 <i>(Please note different time)</i>	3h*: 9:30-12:30 AM	Epidemiology of cancer	Groome
7	Oct 31	3h*: 9:30-12:30 AM	Angiogenesis	Greer
8	Nov 7	3h*: 9:30-12:30 AM	Molecular biology of metastasis	Elliott
9	Nov 14	3h*: 9:30-12:30 AM	Treatment response	Squire
10	Nov 21	3h*: 9:30-12:30 AM	Mutator Phenotype	Davey
11	Nov 28	3h*: 9:30-12:30 AM	Overview	All session leaders invited to attend

*1 h lecture plus student presentation and discussion.

Evaluation:

Presentation: 30%
Essay #1: 20%
Essay #2: 20%
Final Exam: 30%

Two Essays:

Choose two essay topics from two different parts of the course:

Part I: Wks. 1-3(Due Oct. 20)
Part II: Wks. 4-7(Due Nov. 17)
Part III: Wks 8-11(Due Dec. 5)