

PATH822 – Experimental Cancer Therapeutics (Fall 2009)

COURSE OUTLINE

Co-ordinator: Christopher J. Nicol (e-mail: nicolc@queensu.ca)

Days/Time: **Fridays - 9:30 am - 12:30 pm**

Location: Cancer Research Institute conference rooms 100/101 (ground floor)

Date	Session Leader(s)	Session Title	Student Presentations
Sept. 18	C. Nicol & R. Meyer	Overview and Introduction to New Drug Development (<i>no presentations</i>)	None
Sept. 25	S. Davey	Molecular basis of oncogenic transformation & signalling pathways (<i>no presentations</i>)	None
Oct. 2 *	S. Cole	Challenges with Current Cancer Therapeutics	<i>Crystal D'Silva</i>
Oct. 9 *	H. Feilotter	Molecular Evaluation of Tumours	<i>Chrystele Chaize</i>
Oct. 16 *	G. Jones	Drug Discovery I - (small molecules)	<i>Michael Wu Meagan Perry</i>
Oct. 23 *	V. Tron	Drug Discovery II - (non-small molecules, ie RNAi, DNA vaccines, gene therapy, viruses, etc)	<i>Jeff Martin</i>
Oct. 30 *	C. Nicol	Experimental Drug Delivery (nanoparticles)	<i>Carmeline D'Abreo</i>
Nov. 6 *	J. Schreiner	Novel Imaging (increasing sensitivity for: preclinical testing; selecting responsive patients; molecular imaging agents for ultrasound, PET, CT, fMRI)	<i>Lexi Haslehurst Rahima Jamal</i>
Nov. 13 *	P. Greer	Preclinical (in vitro and animal) Models for Validating Experimental Targets	<i>Anthony Apostoli Brindusa Mocanu</i>
Nov. 20 *	L. Shepherd & W. Parulekar	Cancer Chemotherapy & Clinical Drug Development	<i>Graham Skelhorne-Gross Rachel Goodwin</i>
Nov. 27 *	E. Eisenhauer	Clinical Results of Targeted Therapy	<i>Mohsen Alhejaily</i>
Dec. 4 *	J. Squire	Molecular Basis of Variability in Tumour Responses	<i>Rob Myette Fahad Miah</i>

* student presentations **will** be made on this day; **TBA**, Students to be announced.

EVALUATION: Oral Presentation: 30%; Written Grant Proposal 40%; Student Participation 10%; Oral Grant Defense 20% (20 min per student)

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STUDENT RESEARCH GRANT PROPOSAL TOPICS

Please write your name in a session you would like to choose for a grant topic (max. 2 per session). NOTE: Please do not choose a grant topic in your own research area or in a session in which you presented. I will send out emails to the session leaders indicating students' choices. Prior to writing, students should arrange a meeting by e-mail or phone (see below) with the Session Leader to confirm the subject of the grant proposal is appropriate.

Session Leader(s)	Session Title	Student Grant Proposals
S. Cole	Challenges with Current Cancer Therapeutics	1. <i>Graham Skelhorne-Gross</i> 2.
H. Feilotter	Molecular Evaluation of Tumours	1. <i>Jeff Martin</i> 2.
G. Jones	Drug Discovery-I (small molecules)	1. <i>Chrystele Chaize</i> 2.
V. Tron	Drug Discovery-II (non small molecules)	1. <i>Rob Myette</i> 2.
C. Nicol	Experimental Drug Delivery	1. <i>Michael Wu</i> 2.
J. Schreiner	Novel Imaging	1. <i>Carmeline D'Abreo</i> 2.
P. Greer	Preclinical (in vitro and animal) Models for Validating Experimental Targets	1. <i>Lexi Haslehurst</i> 2.
L. Shepherd & W. Parulekar	Cancer Chemotherapy & Clinical Drug Development	1. <i>Anthony Apostoli</i> 2.
E. Eisenhauer	Clinical Results of Targeted Therapy	1. <i>Crystal D'Silva</i> 2.
J. Squire	Molecular Basis of Variability in Tumour Responses	1. <i>Mohsen Alhejaily</i> 2.

Session Leader Contact Information:

Name	Email	Queen's Ext.
Cole, Susan P.C.	spc.cole@queensu.ca	32636
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