

# **Biology 470 A01 Advanced Topics In Biology: Introduction to Clinical Cancer**

**PLACE** - Lectures will be held at the Deeley Research Centre at Royal Jubilee Hospital 3<sup>rd</sup> Floor conference Rooms BC Cancer Agency 2410 Lee Ave.

**Coordinators:** Dr. Ben F. Koop Petch 041a // Dr. Brad Nelson Deeley Research Centre  
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**Lectures** will be given by community physicians and professors on a variety of issues related to cancer biology, epidemiology, diagnosis and treatment. Classes will be open to students and faculty but credit given only to those with prerequisites (B or higher grade average and 4<sup>th</sup> year standing) and registered / enrolled in Biology 470 Advanced Topics. Prerequisites include Biol 360 or Biol 361 or Bioc 300 or permission of the instructor.

## **Meeting Times**

Every Wednesday at 1:00pm to ~2:05 from September through December, however lectures and times may be modified depending on schedules. We will provide notices of schedules and seminars by email.

## **Evaluation**

- Attendance and Participation is **mandatory** (12%; 1% per lecture)
- One final term paper (35%) Topic – students choice of subject  
20 pages, double spaced, Font - times 12 point 5000-6000 words  
Topic to be agreed upon first week in November and Due the  
Last day of regular classes.
- Summary Reports of each lecture (36% - 12 reports 3% each)  
Topic: based on one of the previous lectures  
1 page, single spaced, Font - Times 12 pt – 500-600 words No more!  
Due by email at the beginning of each new lecture.  
Format:  
**Title: Name of Presenter: Date**  
**Synopsis of material**  
**Critical evaluation**  
**Thoughts and concerns**
- One Expanded Summary Report with additional primary literature paper to supplement lecture summary (17%). 3 page, single spaced, Font - Times 12 pt – 1500-2000 words. Due Friday of the second week of October.

You are expected to attend additional Departmental or Deeley seminars and provide reports on them if needed. Topics should be related to Biochemistry, Microbiology, or Molecular Biology of Cancer.

## **Tentative Schedule**

<b>Date</b>	<b>Lecture Title</b>	<b>Presenter(s)</b>	<b>Room #</b>
<b>06-Sep</b>	Introduction to Cancer Care at BC Cancer - Victoria	Kelly Earnshaw, Charlotte Neville and Cloe Vignola	Conference room #3
<b>13-Sep</b>	Psychosocial Oncology/Oncology Nutrition	Beth Burton-Krahn and Karina Austin	Conference room #3
<b>20-Sep</b>	Introduction to Clinical Trials	Philip Pollock	Conference room #3
<b>27-Sep</b>	Immunometabolism: Feeding your immune system to fight cancer	Julian Lum	Conference room #3
<b>04-Oct</b>	Immunotherapy for Melanoma	Dr. Doran Ksienski	Education room # 3124
<b>11-Oct</b>	Radiation Therapy Principles	Isabelle Gagne - or team member	Education room # 3124
<b>18-Oct</b>	Prostate Cancer: Clinical Perspectives	Dr. Abraham Alexander	Education room # 3124
<b>25-Oct</b>	Myelodysplastic Syndrome	Dr. Jason Hart	Conference room #3
<b>01-Nov</b>	Principles of Pathology of Cancer	Dr. Peter Watson	Conference room #3
<b>08-Nov</b>	Brain Tumour: A Clinician's Perspective	Dr. John Paul McGhie	Conference room #3
<b>15-Nov</b>	<b>Reading Break</b>	<b>Reading Break</b>	
<b>22-Nov</b>	Lymphoma: Cases from the Clinic	Dr. Ashley Freeman	Conference room #3
<b>29-Nov</b>	Biobanks & Biobanking	Dr. Peter Watson	Conference room #3