

BISP 194: Genetics and Metabolism of Cancer

Mondays, 10:00 am - 11:20 am
York Hall 3010

Instructors

Professor Jan Karlseder: karlseder@salk.edu
Professor Alan Saghatelian: asaghatelian@salk.edu

Prerequisites

Genetics (BICD 100); upper division standing

Literature

Journal articles from the primary literature will form the majority of the course material. Assigned articles for section meetings will be posted on the course website one week in advance.

No textbooks will be required for the course.

Course Website

The course website can be found at:
<http://biology.ucsd.edu/education/undergrad/course/194/194FA14.html>

The following information can be found on the website:

1. Lecture Slides: PDF versions of each lecture and reference list will be posted on the website shortly after each lecture.
2. Assigned Papers: Papers that are assigned for section meetings will be posted on the web at the beginning of the week prior to the week in which they will be due. In other words, you will have at least a week to read the papers.

Problem Sets

No problem sets

Exam

There will be one in-class exams on the last day of the course December 4, 2017. Exam questions will focus on experimental design and data analysis.

Original Research Proposal

You will be expected to submit a 1-2 page document with references describing a hypothesis you'd like to test and an experiment to test that idea. (an example will be given for you). This will be due on Saturday, December 16 in Dr. Saghatelian's mailbox.

Grading

Course grades will be determined as follows:

Proposal – 50%

Exam – 50%

Lecture Schedule

Date	Lecture	Lecturer
Oct 2	1	Jan Karlseder
Oct 9	2	Alan Saghatelian
Oct 16	3	Alan Saghatelian
Oct 23	4	Jan Karlseder
Oct 30	5	Alan Saghatelian
Nov 6	6	Jan Karlseder
Nov 13	7	Jan Karlseder
Nov 20	8	No class
Nov 27	9	Review, Alan Saghatelian
Dec 4	10	Exam