

Course Syllabus

BIMM 194/BGGN 283: Advanced Topics in Molecular Biology

Genetics and Chemical Biology of Cancer

Wednesdays, 11:00 am - 12:20 pm

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: <https://canvas.ucsd.edu/courses/48679>

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. Papers: Papers that are used for lecture slides will be posted on the web for you to get some background on the lectures.

Assignment

News and Views. Select a paper from the literature and then write a review as if you were trying to highlight

the work in a journal or a newspaper. Part of this will include reading background literature so you can put

the paper you select into context. The write up should be 500-1000 words, with one figure, and 5-10 references. Your grade will reflect the effort you put into to giving a fair evaluation through a broad analysis of the field. Your paper cannot have a News and Views already published. The News and Views will be due December 6th for credit by emailing it to Dr. Saghatelian (asaghatelian@ucsd.edu) with email title "News and Views for BIMM 194 or News and Views for BGGN 283.

Grading

Course grades will be determined as follows:

Attendance - 75%

News and Views - 25%

Lecture Schedule

10/4 Jan Karlseder

10/11 Alan Saghatelian

10/18 Jan Karlseder

10/25 Victor Pai, PhD

11/1| Alan Saghatelian

11/8 Victor Pai, PhD

11/15 Alan Saghatelian

11/22 Jan Karlseder

11/29 Alan Saghatelian

12/6 Jan Karlseder