

**BIMM 194/BGGN 283: Advanced Topics in Molecular Biology  
Genetics and Chemical Biology of Cancer**

**Tuesdays, 9:30 am - 10:50 am  
York Hall 3010**

**Instructors**

Professor Jan Karlseder: [karlseder@salk.edu](mailto:karlseder@salk.edu)  
Professor Alan Saghatelian: [asaghatelian@salk.edu](mailto: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/7617>

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. Pick a paper on a field you are interested and get approval from Dr. Saghatelian by **November 26<sup>th</sup>** (your paper cannot have a News and Views already published). The News and Views will be due **December 6<sup>th</sup>** for credit by emailing it to Dr. Saghatelian ([asaghatelian@ucsd.edu](mailto:asaghatelian@ucsd.edu)).

**Grading**

Course grades will be determined as follows:

Attendance – 75%

News and Views – 25%

**Lecture Schedule**

Sep 26	Alan Saghatelian
Oct 3	Jan Karlseder
Oct 10	Jan Karlseder
Oct 17	Alan Saghatelian
Oct 24	Jan Karlseder
Oct 31	Alan Saghatelian
Nov 7	Alan Saghatelian
Nov 14	Jan Karlseder
Nov 21	Jan Karlseder
Dec 5	Alan Saghatelian