

BIMM 194: Transcriptional and Epigenetic Deregulation in Cancer

Class	Date	Topic	Presenter
1	Jan 8	Class organization Intro to transcriptional and epigenetic deregulation in cancer	B. Emerson
2	Jan 15	Intro to c-Myc and P-TEFb transcription elongation	K. Jones
3	Jan 22	Histone H3 mutations in Pediatric Glioblastoma Lewis	Student team 1
4	Jan 29	c-Myc in colon cancer Kaur Sur	Student team 2
5	Feb 5	Epigenetic silencing of tumor suppressor genes in cancer Witcher	Student team 3
6	Feb 12	Epigenetic reprogramming in cancer by non-coding RNAs Gupta	Student team 4
7	Feb 19	Transcription elongation in leukemia Shilatifard	Student team 5
8	Feb 26	Inhibition of c-Myc by small molecules Bradner	Student team 6
9	Mar 5	Drug-resistance in cancer Settleman	Student team 7
10	Mar 12	Finals week: Specific Aims Presentations	

Oral group **presentation and discussion** weekly

Written **critiques** of presentations are due each week from each student who is not presenting

Midterm due Feb 12: Each student to choose a paper from PubMed, summarize its central hypothesis and experimental proof and describe how it is relevant to the theme of this course (1 page)

Final due Mar 12: Each student to choose one paper that was presented to the class, different from the one your team presented, and propose how you would extend this work if you were writing an NIH grant proposal. In the style of an NIH grant, write an abstract of the proposal and list of specific aims (1 page).

On March 12th, each student will briefly present their **proposed specific aims (1 slide)** to the rest of the class.