

## QBIO490 Literature Presentations

Due Dates:

1. Submit research paper selection by **Thursday, 1/23 at 11:59 PM**, via email to Mahija([mogalipu@usc.edu](mailto:mogalipu@usc.edu)), Erika([erikali@usc.edu](mailto:erikali@usc.edu)) and Jeanne([jrevilla@usc.edu](mailto:jrevilla@usc.edu))
2. Slides due **Thursday, 1/30 at 5:45 PM**, via Github
3. Presentations in class on **Thursday, 1/30**

With your group, select 1 research paper about genomic, transcriptomic, epigenomic and/or proteomic research regarding your assigned cancer type and prepare a **6 minute** presentation. As a reminder, reliable scientific articles should be peer-reviewed (ie. DO NOT select preprints from biorxiv.org). The paper must be published **within the last 5 years** in reputable journals, such as Nature, Science, Cell, PNAS, etc.

In your literature presentation, you and your group must do the following:

- Identify the -omic type(s) being studied the paper
- Introduce the hypothesis, methodology, and main findings of the research paper (~2-3 slides)
- Explain 2 figures from the research paper: (~2 slides)
  - What data is being used?
  - What does this figure mean?
  - Why did the authors choose this method of displaying the data? Do you agree?
- List 2 questions about paper methodology or future research directions that your group has after analyzing the article (1 slide)

**Only one person per group needs to submit the research paper and slides to Brightspace.** Slides should also be shared with Mahija([mogalipu@usc.edu](mailto:mogalipu@usc.edu))