

Comprehensive Biochemistry I: Structural Biochemistry

Honors Recitation

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Grading: Traditional

Course Description:

- The goal of this class is to conceptualize a new Jsmol tutorial in an area of structural biochemistry that is interesting to you.
- The first step will be to pick a research paper that uses x-ray crystallography, NMR, or cryo-EM to solve the 3-D structure of a protein, nucleic acid, or a protein-protein or protein-nucleic acid complex.
- The second step is to write a short analysis of the major findings of the paper.
- The final step will be to conceptualize a Jsmol tutorial based on your analysis of the paper and present it to your peers.

Schedule of Deadlines

Date	Deadline
8/25	Course overview and introduction
9/29	Submit choice of research paper to Dr. Hansen
11/3	Submit written analysis of paper*
12/1	Submit Jsmol tutorials (in PPT or WORD) Oral tutorial presentations
12/8	Oral tutorial presentations

*No more than 4 double spaced pages