CHEM 5361 Biological Chemistry II

Spring 2017

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Bioelectrochemistry Section

March 7-April 4

Student assignment – rapid presentations

1. Choose a recent (2014-2017) research paper in a high impact journal and present its essence and novel features to the class in a 7 min presentation, examples: any Nature or Science journal, JACS, Chemical Sciences, ACSNano. Anal. Chem., ACS sensors, Langmuir, Lab-on-a-chip, Biosensors and Bioelectronics. No papers from UConn. please.
2. Have the topic and paper approved by me at least 3 days before you present; you can email me the paper
3. Topics must be related to bioelectrochemistry, e.g. bioelectrocatalysis, biosensors, sensor arrays, toxicity screening, medical diagnostics, protein or DNA/RNA detection, etc. Try to choose something really new and cool!
4. Your presentation will be limited to 5 power point slides and 7 min. **I will stop you at the 7 min. mark, no exceptions**
5. We will allow a maximum 3 min for questions
6. Schedule will be in reverse alphabetic order - handout
7. Grading will be judged on clarity of the talk, completion, quality and clarity of slides, interpretation of concepts, and degree of interest raised in class
8. Dates will be March 30 and April 4.

**Here’s what you should cover in your short talk, remember 5 slides only:**

1. Briefly describe the main concept – minimize details, present the big picture first
2. Why is the paper important?
3. What are the details of the concept and how does it work or how do the experimental data support the author’s hypothesis
4. What is the impact of this paper on future science and technology