

As described in the course syllabus, we will discuss several seminars of bioanalytical relevance throughout the semester. The goals of this activity are: (1) Practice scientific criticism; (2) learn more about the use and development of bioanalytical techniques. Please post your comments in the course blog. This counts towards class participation. It is expected that everybody will post comments at least 1.5 times. If you cannot attend a seminar, please look at the website below and use it as link to find more information about the speaker and her/his publications.

Seminars that will be discussed include those on Feb 19, 21, and 28. Please see <http://www.chem.umn.edu/seminar/>

Suggestions of seminars relevant to the course, given elsewhere on campus, are welcome.

During the seminar gather enough information to help you discuss in the blog:

1. Who is the speaker? Affiliation?
2. What is the seminar topic?
3. What is the significance or importance of the research described in the seminar?
4. What bioanalytical techniques were used to carry out the reported research?
5. Are they established techniques or new techniques?
6. How do these techniques work?
7. How were the techniques validated?
8. How do the new techniques advance the field?
9. What were the main conclusions of the seminar?
10. Provide one piece of constructive criticism either on the seminar material, the delivery, or the relevance of the topic.