

**GUIDELINES FOR THE MS SUMMATIVE EVENT**

**THE DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR GENETICS**

**UNIVERSITY OF LOUISVILLE SCHOOL OF MEDICINE**

Requirement: A paper based on literature research. My advice is to write the paper on the topic of your seminar.

Organize your paper with the following sections:

- I. Introduction (1- 2 pages):
  - Summarize the current state of the field
  - Identify major questions within the field
  - Select one paper that addresses 1 question to critique
- II. Paper Critique (1-2 pages)
  - State the purpose of the study
  - Summarize the data (all data)
    - Select 2 key figures to discuss/critique
  - Summarize authors' conclusions
  - Present own critique of the study
    - Comment on the strengths and weaknesses
    - State own conclusions (you can agree or disagree with the authors)
- III. Discussion (1 page)
  - Address how this paper advances the field
  - Propose the next question and experiments (1-2 experiments) for this study.
- IV. References
  - Follow JBC format

- Cited in text by number and not by author, title, and/or date
- Titles should be included in references
- Numbered consecutively in the order of appearance
- References for journals and books should be in the following styles:

1. MacDonald, G.M., Steenhuis, J.J., and Barry, B.A. (1995) A difference Fourier transform infrared spectroscopic study of chlorophyll oxidation in hydroxylamine-treated photosystem II. *J. Biol. Chem.* **270**, 8420–8428

2. Sambrook, J., Fritsch, E.F., and Maniatis, T. (1989) *Molecular Cloning: A Laboratory Manual*, 2nd Ed., Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

3. *References appearing as e-pubs should be in the following style:* Aphasizheva, I., Aphasizheva, R., and Simpson, L. (April 1, 2004) RNA editing terminal uridylyl transferase 1: identification of functional domains by mutational analysis. *J. Biol. Chem.* 10.1074/jbc.M401234200

Format: Arial 11 pt., 0.5 inch margins, include page numbers.