GMS-BI-793 Final paper instructions, Spring, 2009

The final paper is Due May 8, 2009.

Select a primary paper from the list below. If you have a paper that you wish to use that is not on the list, please send it to one of the instructors. If the instructor approves, you may use that as your primary paper.

Claim this paper by emailing Joe Zaia (jzaia@bu.edu). Each student must select a different primary paper.

Choose two other related papers from the recent literature.

Write a paper using the following format:

Written commentary. Describe each of the three papers, pointing out the major features of the research, important novel results and provide criticism of any flaws you see in either the methods or the conclusions.

Proposed research project. Describe a project that would extend the observations made in these three papers. Include the following:

i. Rationale for the proposed work
ii. Proposed experiments
iii. Expected results and significance
iv. Description of possible pitfalls/difficulties that may be encountered and alternative strategies.

The project should be one that a graduate student could accomplish in about one year.

Total paper length should be 10-12 pages, double-spaced. It should be delivered to 670 Albany St, 5th floor (CEC, PBO or JZ) on or before May 8, 2009.

Include copies of the three papers chosen for discussion.

Reminder: You must write the entire paper in your own words. To copy any text from any source and use it in your paper without making proper bibliographic reference is plagiarism.

http://en.wikipedia.org/wiki/Plagiarism

List of primary papers:

Rinner, O.; Seebacher, J.; Walzthoeni, T.; Mueller, L.; Beck, M.; Schmidt, A.; Mueller, M.; Aebersold, R. "Identification of cross-linked peptides from large sequence databases" *Nature methods* **2008,** *5*, 315-8.

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Ceroni, A.; Maass, K.; Geyer, H.; Geyer, R.; Dell, A.; Haslam, S. M. "GlycoWorkbench: A Tool for the Computer-Assisted Annotation of Mass Spectra of Glycans" *Journal of proteome research* **2008**.

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