

## LS 193H –Journal Club -Fall 2007

### **Instructors**

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We will meet every Monday from 3-5PM in LaKretz 100. Each week we will read and discuss a paper, chosen and led by the team presenting. You may choose any biology paper published in the last four years in one of the journals from your week. The paper should be interesting and substantial (i.e. no 3-4 page papers). You may not choose a paper from your lab. Please submit your selection to us for approval no later than 10 days before your presentation (i.e. two Fridays before). Each paper will be posted on the course website at least one week before we discuss it.

If you are presenting, you should give a short introduction with some background information and a clear statement of the central question(s) of the paper. You should then be able to lead us through the important figures and data reported in the paper. It is not necessary to go through every panel of every figure!

You should also follow up with an experiment that you would do next if you were working on this problem. This can be what you feel was an important experiment the authors missed, what you think is the next logical step, or maybe a parallel analysis in another system. Be creative!

Finally, everyone is required to read the paper. This is meant to be a discussion, not just a lecture by the presenters. And don't be afraid to be critical. As you read each paper, consider whether you are satisfied by the experiments the authors did, the controls they used, how they interpreted their data, etc. This may be difficult at first, but it will get easier as the quarter progresses. By the end of the course, you should be comfortable reading research literature. And we'll all learn a lot of science in the process.

## **Schedule**

<b><u>Date</u></b>	<b><u>Team</u></b>	<b><u>Journal(s)</u></b>
Oct. 8		Cell
Oct. 15	Daniel & Peter	Nature Nature Cell Biology Nature Neuroscience
Oct. 22	Kris & Joseph	Traffic EMBO Molecular Cell Biology Molecular Biology of the Cell
Oct. 29	Hung & James	Science
Nov. 5	Tanya & Tuan	PLoS Biology PLoS Genetics PLoS Pathogens
Nov. 19	Noemi & Jenny	Current Biology Cancer Cell Cell Stem Cell
Nov. 26	Kathy & Hannah	J. Bacteriology J. Biological Chemistry Development J. Cell Biology J. Neuroscience
Dec. 3	Ben & Chris	Genes & Development Nature Genetics Nature Structural & Molecular Biology