

Papers for oral presentation

1) Fre et al, Nature, 2005. Notch signals control the fate of immature progenitor cells in the intestine.

Group: (Kristin and Steven) 15min talk + 5 min questions

2) van Es, et al. Nature, 2005. Notch/gamma-secretase inhibition turns proliferative cells in intestinal crypts and adenomas into goblet cells.

Group: (Justus and Tim) 15 min talk + 5 min questions

3) Duncan et al. Nature Immunology, 2005. Integration of Notch and Wnt signaling in hematopoietic stem cell maintenance

Group: (Karishma, Amudha, Hannah) 22 min talk + 8 min questions

Instructions:

1) Prepare an introduction to the topic (1-2 slides):

*What does the audience need to know about the pathway and tissue involved?
What is the important background work that leads to the author's particular question?*

2) Ask the question addressed by the authors and present their important findings (2-3 slides). Include 4 figures; you can choose supplemental figures if you think those are important.

What did the authors do (what was their approach) and what did they find?

3) Discuss the important conclusions and future directions or questions as a result of this work. (2 slides)

What would you do next? What questions arise from this work?

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7.343 When Development Goes Awry: How Cancer Co-opts Mechanisms of Embryogenesis
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