

**Guidelines for Third Paper Review on
“Assessing drug delivery responses at the single cell level”
Assigned: 10-23-2007 Due: 11-8-2007**

1. Start by summarizing in approximately 0.5 page what the article is about.
2. Does the paper make a convincing case for simultaneous study of multiple pathways?
3. State clearly the take-home messages/conclusions the authors make about the method.
4. In terms of the course describe the advantages and disadvantages of the choice of method for high-throughput assessments of cellular responses to drug delivery at the single cell level.
5. In terms of the course, what concerns, if any, do you have about their approach? What assumptions are being made in the method?

Choose the following paper to review:

Krutzik, P.O., Nolan, G.P. Fluorescent cell barcoding in flow cytometry allows high-throughput drug screening and signaling profiling. *Nature Methods* 3(5): 361-368, 2006.