

MID0: Welcome to 20.109!

1. Introductions & 20.109 Mission
2. Semester Overview & Intro to Wiki
3. Day-to-Day Operations (SOP)
4. Lab Safety
5. Lab Tour (...your first protocol!)

❖ Aim 1: Authentic Investigation

❖ Aim 2: Authentic Communication

❖ Aim 3: Extensive Collaboration (...with limits)

Equal contribution to team assignments.

Fair discussion, but independent completion, of individual assignments.

Semester overview via your new best friend: *the 20.109 wiki*

- Work completed in 2-person teams
- Broader class collaboration
- Assessment Structure: Major vs. Minor
- Office Hours
- **The key to 20.109: *Time Management***

Day-to-Day SOP:

- Turn in FNT, Receive graded assignments

- Lab Treat:



<http://my.clevelandclinic.org/heart/prevention/nutrition/chocolate.aspx>

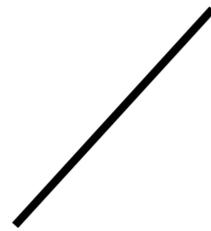
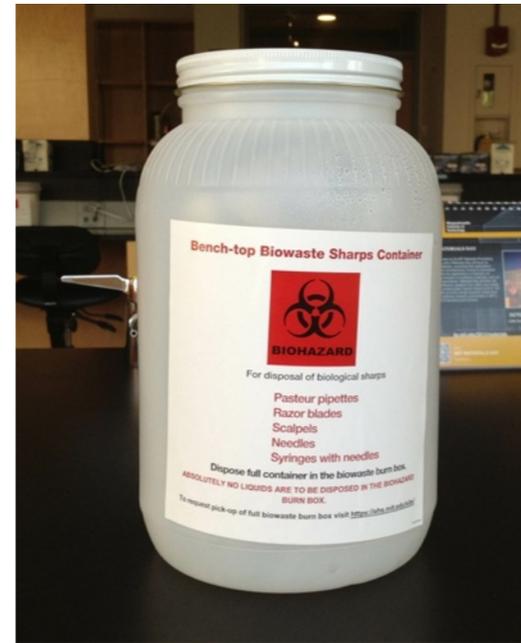
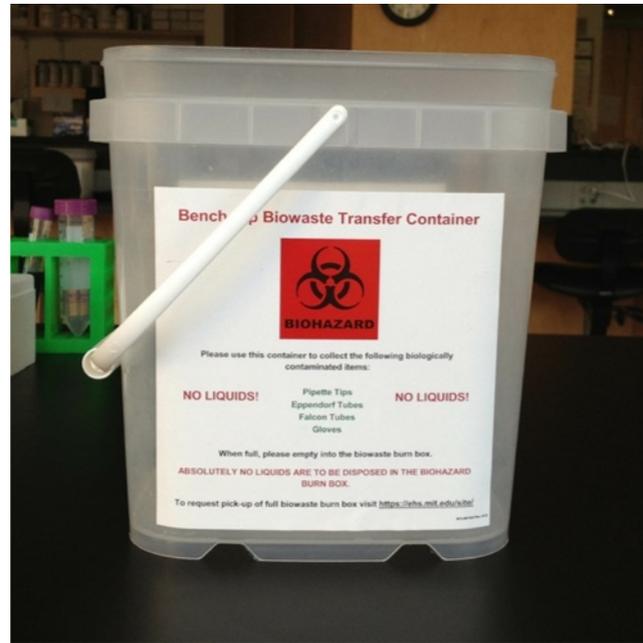
- Pre-lab lecture & discussion
- The fun stuff
- **The key to daily 20.109: *The wiki is your friend***

Lab Safety:

- Rules at the bench:
- Rules at the chemical hood:
- Rules in the TC room:

What happens in the TC room...stays

Biological waste workflow for the 20.109 lab:



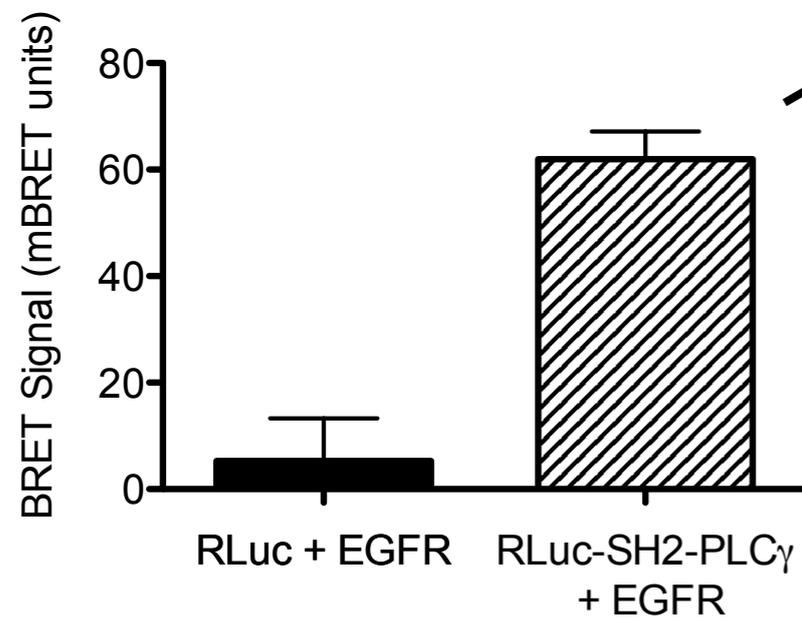
New things we are piloting FI 3:

The screenshot displays the Evernote web interface for user 'shannon_hughes_20109'. The interface is divided into three main sections: a left sidebar, a central note list, and a right-hand note editor.

- Left Sidebar:** Contains navigation options for 'Shortcuts', 'Notebooks', and 'Tags'. Under 'Notebooks', there is a list including 'All Notes (1)', 'shannon_hughes_20109's no... (1)', and 'Trash (1)'. At the bottom, there is a 'Download Now' button for the 'EVERNOTE WEB CLIPPER'.
- Central Note List:** Shows a single note titled 'Wednesday, 9/4/13' with a timestamp of '1 hour ago'. The note content is: 'Orientation lecture -- last four slides Pre-lab lecture -- add EN and 'new stuff' slide Demo of Evernote Better explanation of new safety workflow'.
- Right-Hand Note Editor:** Displays the full content of the selected note. It features a title 'Wednesday, 9/4/13' and a bulleted list of items:
 - Orientation lecture -- last four slides
 - Pre-lab lecture -- add EN and 'new stuff' slide
 - Demo of Evernote
 - Better explanation of new safety workflow

New things we are piloting F13:

Module 2: High throughput analysis of the EGFR network



Today in the lab:

- Find your lab partner, pick your bench, and sign up on the lab map up front!
- Complete lab tour
- Register for an Evernote account and 'share' your 20.109 notebook with Lizzie, Aneesh, and Shannon
 - If you use something other than your mit email address, let me know so that I can share my notebook with you.
 - Lizzie: dollizzy@gmail.com
 - Aneesh: aneeshr@mit.edu
 - Shannon: skhughes50@gmail.com