#### Announcements

- Pre-lab Lecture
  - About the robot
  - Mechanism of the CTG assay
  - Visualizing CTG data
  - Potential comparisons
  - Today in Lab: M2D7

after SKH

#### **Announcements**

- M2D6 FNT due Monday, Nov 4<sup>th</sup> at 5 pm
  - to be returned M2D8 in class
- Quiz next time!
- Journal club: 16-336, starting 1:30 sharp
- OH plan next week
  - Monday by appt (journal club folks)
  - Tuesday 4:15-4:30, M2D5 FNT pick-up only
  - Friday lab open 1:30-4:30 pm (no official class)
  - Sunday in lunchroom w/Shannon, time TBD→ + よっつう
- Report due Monday, 11/11 at 5 pm

### Robot(s)!

#### Ambistore: "home base"



B-191 incubation



LidValet



**EVO: liquid handling** 



BioTek plate washer/shaker





Tecan plate reader

A collect light Isec

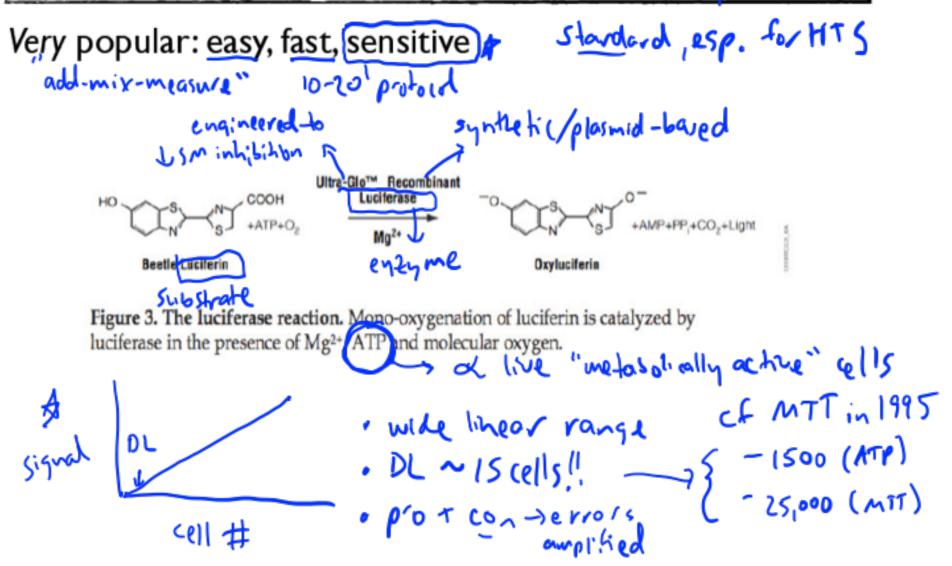
A in black walled,

while-well plates

A transfer local for

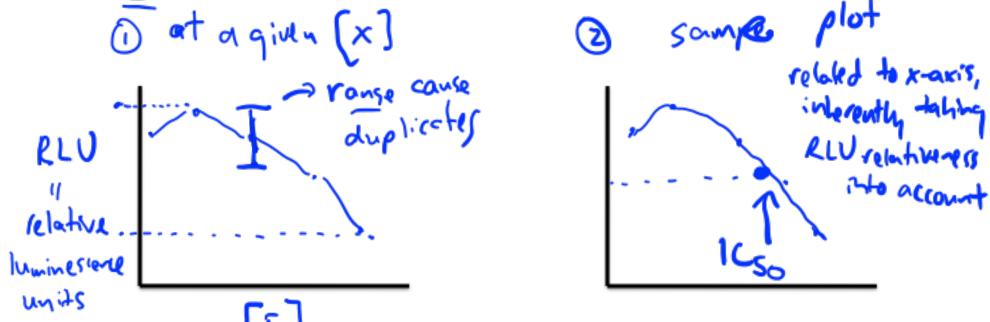
consistency

# CellTiter-Glo Assay ( by Promosa



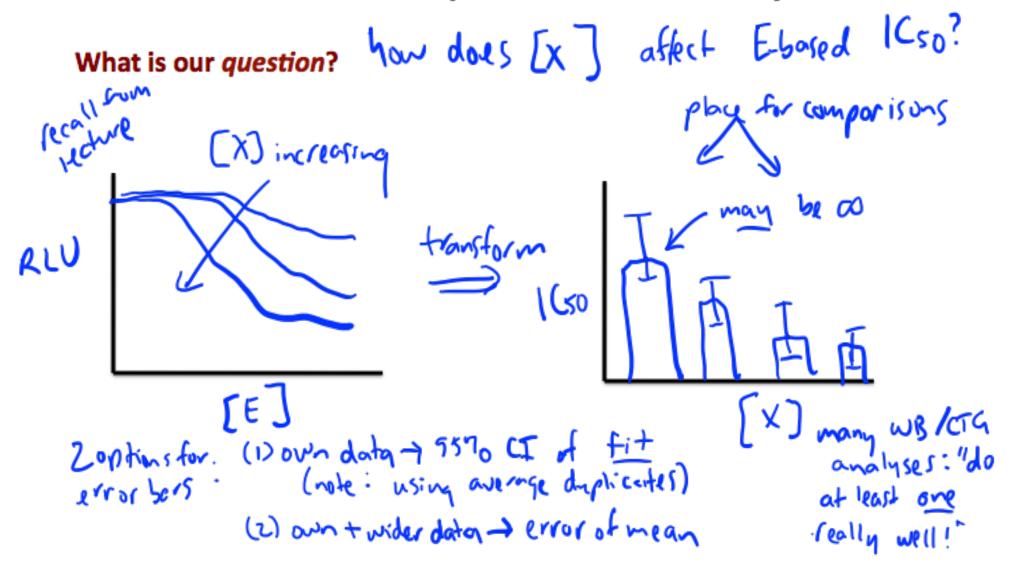
# Visualizing CTG data and error

RLU vs ALU; error bars; cross-plate comparisons



- · across plates, to compare (1) directly, normalize MAX-
- · pool for every addor fit

## Potential comparisons/analyses



#### Today in Lab: M2D7

- Reminder for future (non-109) work: Pasteur pipets must be treated as sharps! 
   — in May jars
- Two shifts for CTG assay
  - Group 1: Red, White, Green, Blue
  - Group 2: Orange, Yellow, Pink, Purple
- CTG assay
  - plates to room temp 30-45 min
  - 4 plates take up to 1 hr stay to watch one full one
  - Chat w/lan Tay! S13 109 TA; HTS Comet assay in BPE lab
- When not assaying, work on analysis: WB and/or CTG

### And... your toddler inspiration!

Day 1 Who Knows the 5 senses?

Senses is dentist-Feliks Senses is senses- X 1est Light tantology

Day 2

Discussion:

What are your 5 senses?

See, hear, mouth, fingers- X

Eyes to see- Y

close-

See, talk with my mouth, I put food in my mouth- Z

Throw up with my mouth, hear with my ears, see Spiderman with my eyes- Feliks

Day 3

Discussion:

What are your 5 senses?

Eyes, ears, nose, fingers, mouth- A

Eyes, fingers- B

Eyes, ears, nose, mouth, hands- C

Eyes, ears, mouth, legs, shoes- D

Ears-listen, nose-smell, hands-clap and touch, eyes-see, mouth-talk and eat- Feliks

Mouth, ears, shoes, feet, toes, socks- E

ory close 1