

M2D7: Plot and interpret data from secondary assay

1. Quiz
2. Prelab
3. BLI Analysis
4. Work on Research Article



Final Mod2 Assignments!

- **Research Article** (15%)

- Due 11/22 by 10pm
- Submitted via Stellar
- Format in paragraphs
- **Extra Office hours TBD**

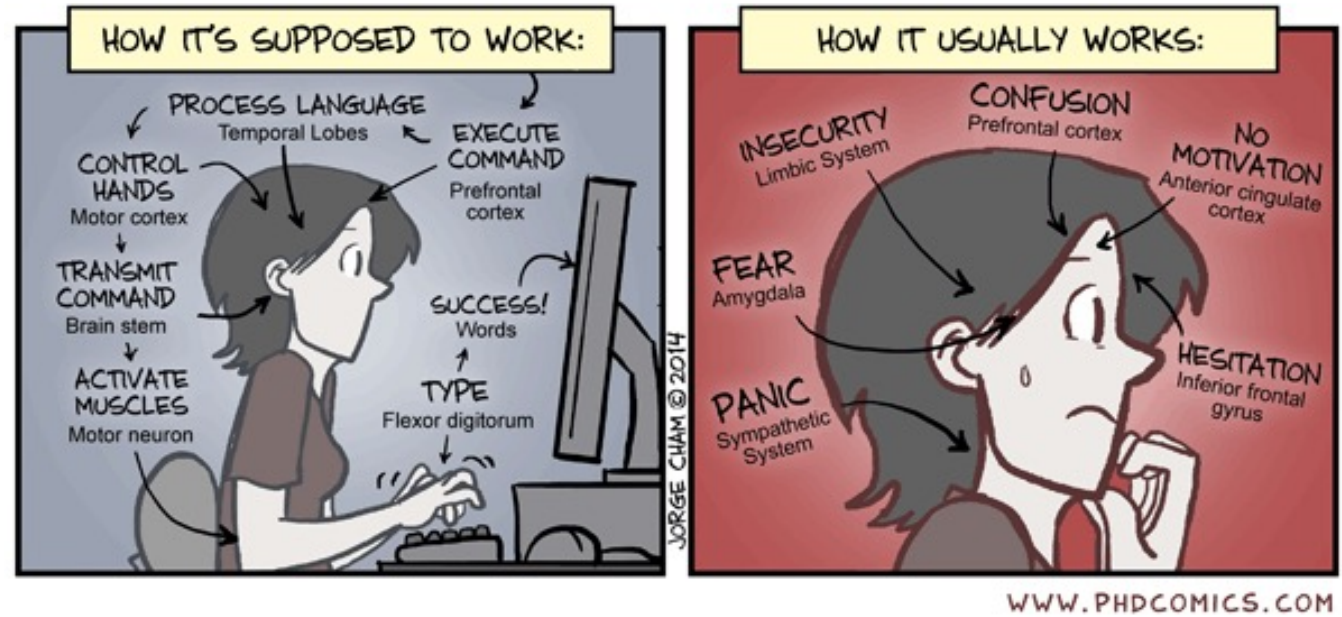
- Notebook (part of 10% Homework and Notebook)

- due 11/10 at 10p via Stellar

- Blog (part of 5% Participation)

- due 11/23 at 10p via Slack

THE NEUROBIOLOGY OF WRITING



M2D2

Module 2 Roadmap

Determine putative PF3D7_20109-F21 binders via high throughput screening (SMM)



Create plasmid of PF3D7_20109-F21 to use in validation assays



Express PF3D7_20109-F21 (from plasmid) in bacteria and purify protein



Assess purity and concentration of purified protein



Use purified protein to validate binding of small molecules identified in SMM

Mod 2 Wrap Up

- What is the research goal of this module?
- What experiments did we use to address this goal?

For today...

- Finish BLI Analysis
 - Create binding curves and make quantitative and qualitative assessments of data and controls following guidelines on the wiki
- Finish lab notebook for Mod2

For next class (11/16)

- Create Overview Schematic/Graphical Abstract figure
- Outline overall discussion

Overview Schematic example

