

M2D8: The Big Day II -- Analysis

4/12/13

1. Lab Treat
2. Notebooks due today: M2D6
3. No lab on Wednesday -- OH discussion (doodle results -- be honest)
4. Module 2 Report: *— gels on M2D7 talk — data on M2D8 talk*
 - ★ Individual reports due **Monday, 4/22 at 5PM**
 - ★ Constructing a complete story: a holistic view of Mod2 data
 - ★ Logical progression does not always = chronological order
 - ★ Use complementary assays/data to tell the whole story
 - ★ Where is it important to provide context?
 - ★ Be bold -- but not foolish
 - ★ **Close the context loops: Intro --> Discussion (give your reader a warm/fuzzy/satisfied feeling at the end).**

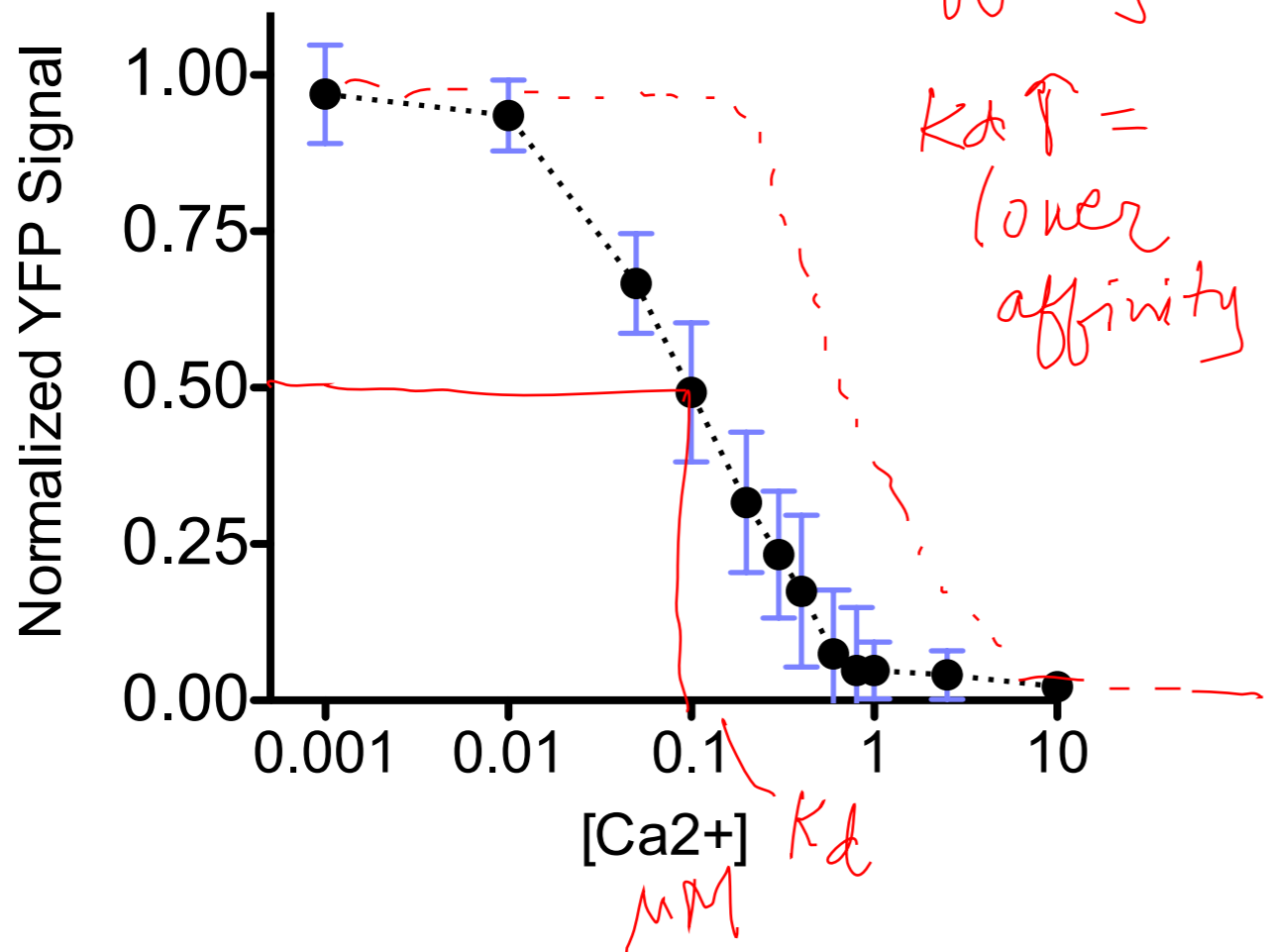
Analysis:

- don't forget the raw data!

1. Excel -- process the raw data, no black box here
2. Matlab -- curve fitting with method to evaluate goodness-of-fit

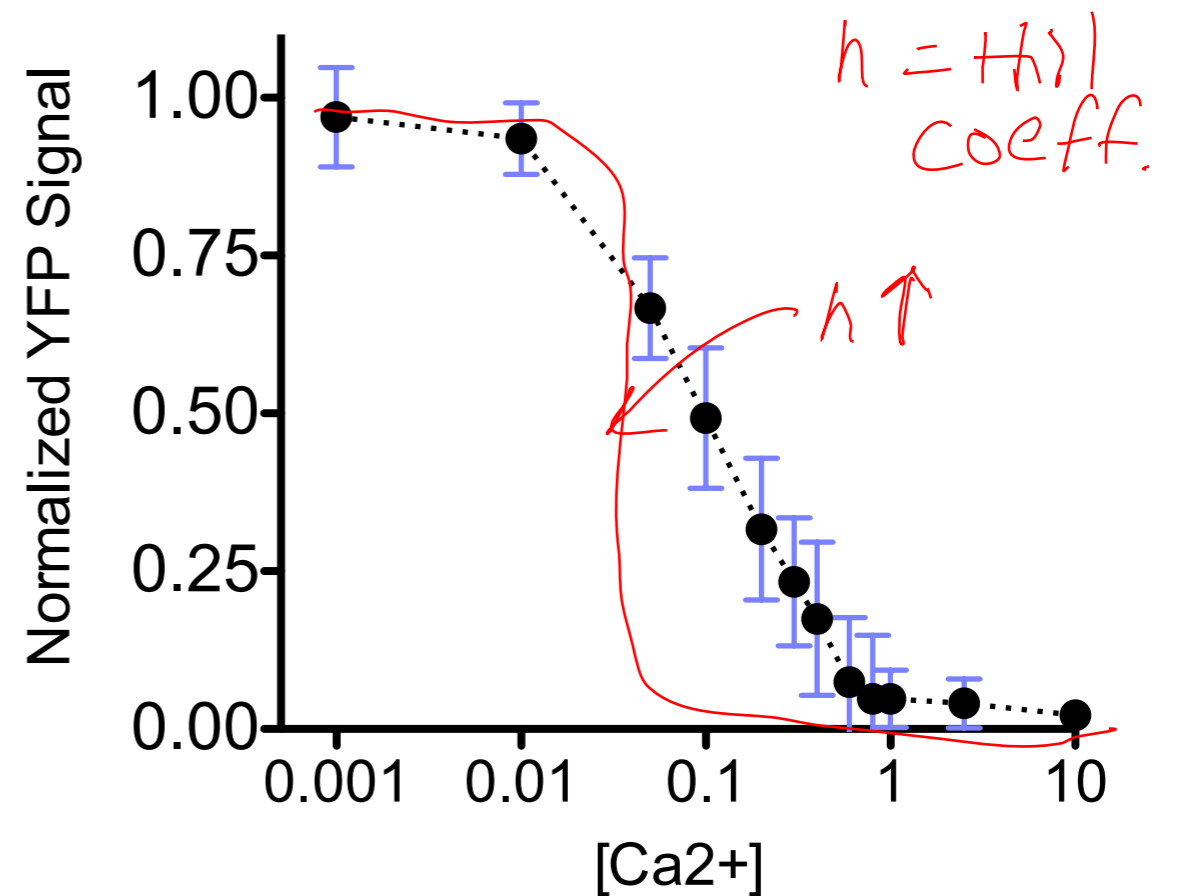
20.109 W/F WT Combined Data

K_d Ca²⁺ binding affinity



20.109 W/F WT Combined Data

Cooperativity



Review:

1. OH next week: 7:30-8:30 R pm ?
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2. End of Mod2! On to tissue engineering and biomaterials!