

MCDB 4550/5550
Molecular and Cellular Biophysics
Perkins
Assignment #10
Due Thursday, April 18th at the end of class

1. Bring three (3) well thought out questions about the literature paper to class and hand them in.

Additional questions on the paper for you to answer.

- 1.1 What is the method the authors use to measure the growth of the microtubule? How often do they measure that position
- 1.2 What is an axoneme and why do the authors use it?
- 1.3 What is one method by which XMAP215 accelerate microtubule growth?
- 1.4 More general biology question, why do the microtubule shrink?