

TIM MITCHISON - ACTIN/ERK - MOVEMENT OF LISTERIA MONO.

CELLULAR MOVEMENT

Microtubule dependent -

some cells need MTS to move  
 - but may be more for transporting things for moving  
 than mount mechanism

Actin dependent

- Actin filaments

How do work?

① active polymerization / depolymerization

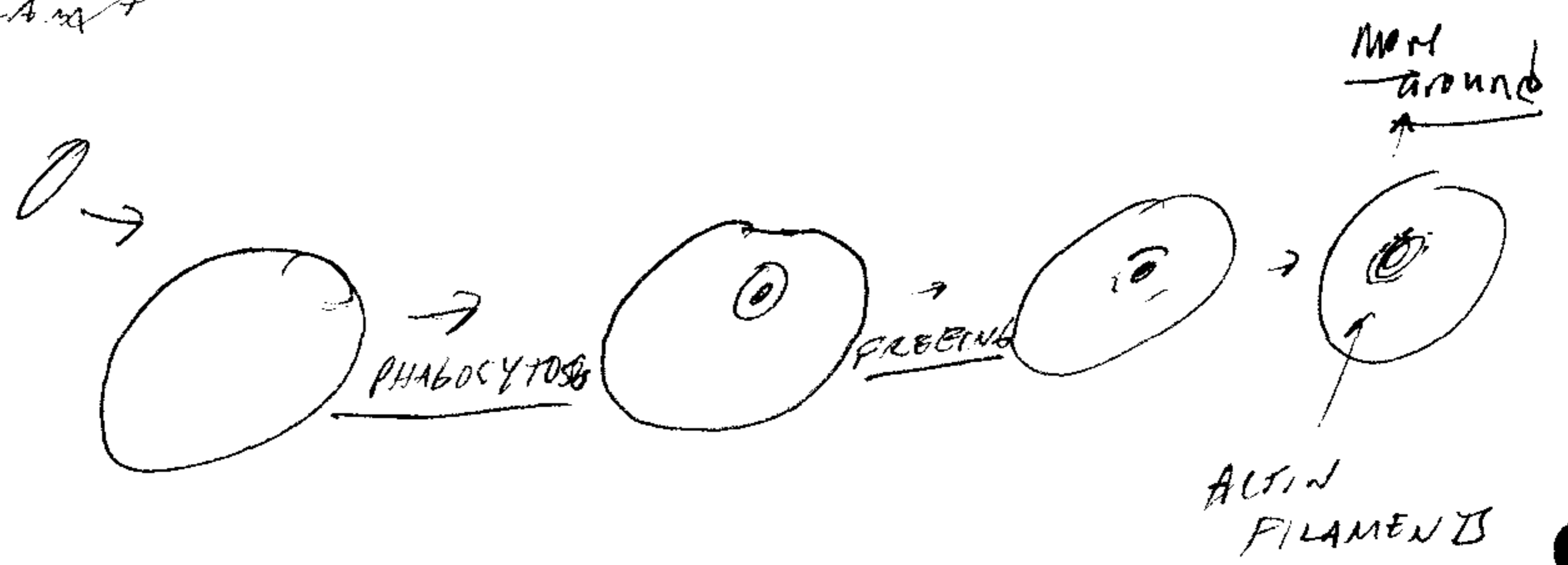
② motor proteins  
 (e.g. - myosin)

- Photobleaching
- Photoactivation of actin analogs
- Marked actin doesn't move though can does.

- Resprouting after mitosis

LISTERIA MONOCYTOGENES

- GRAM+



- WORKS w/ DEAD BACTERIA

ACTA  
 DEFPPTDDEL - MOTIF

PROLINES MAKE BINDS  
 - ~~THE~~ PROFILIN  
 PROLINE