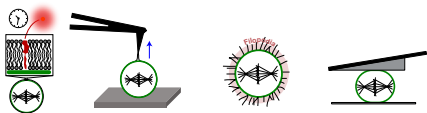


a)



Perturbation	Experiments					Theory	
	Fluorimetry τ	Tether force F_{th}	Filopodia intensity	Cortical tension γ_{cor}	Blebbing	Cortex attachment ρ_{att}	Filopodia density ρ_{fil} , polymerization rate k_{on}
Hypo-osm. shock	↑↑		↓↓			—	—
Hyper-osm. shock	↓↓		↑↑			—	—
P.N.Bleb. (myosin inh.)	↓↓	↓↓	—	↓↓	—	—	—
Y27632 (ROCK inh.)	—	—	↑↑	↓↓	—	—	↑↑
CK666 (Arp2/3 inh.)	↓↓	↓↓	↓↓	—	↑↑	↓↓	↓↓
SMIFH2 (formin inh.)	↓↓	↓↓	↓↓	↓↓	↑↑	↓↓	↓↓
NSC668394 (ERM inh.)	↓↓	—	—	↓↓	—	↑↑, —	—
Nocod. (microt. inh.)	↓↓	↑↑	↓↓	↑↑	↑↑	↑↑	↓↓

b)

