**Homeostasis**

* Your body is constantly trying to maintain homeostasis - maintaining cell populations and rebuilding what is wounded. The natural function of your tissues/organ keeps the body balanced on this point. You've hatched a scheme with some grad school peers to design an artificial tissue/organ which will function in a superior or augmented way. Perhaps you design a skeletal muscle that never fatigues, a skin graft that resists abrasion, or an eye that doesn't need to blink. What do you need to consider when integrating this super-tissue with the host? Do you think the body will automatically re-adjust to accommodate this new capacity?
* Respond to at least two of your classmates.