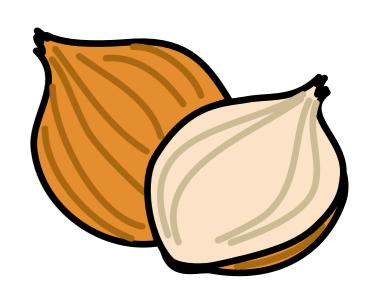
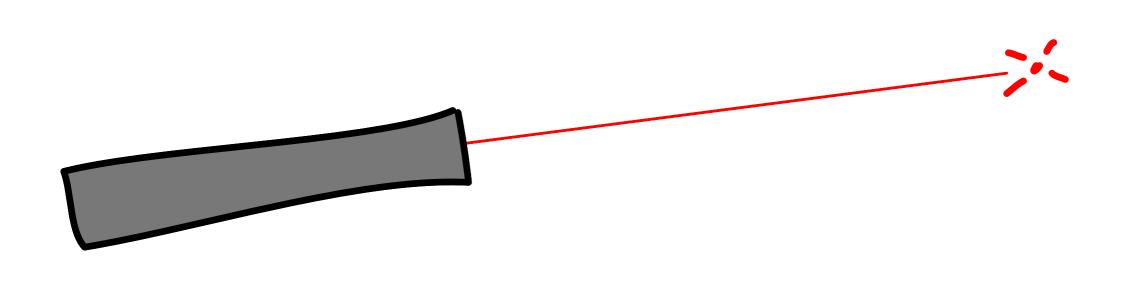


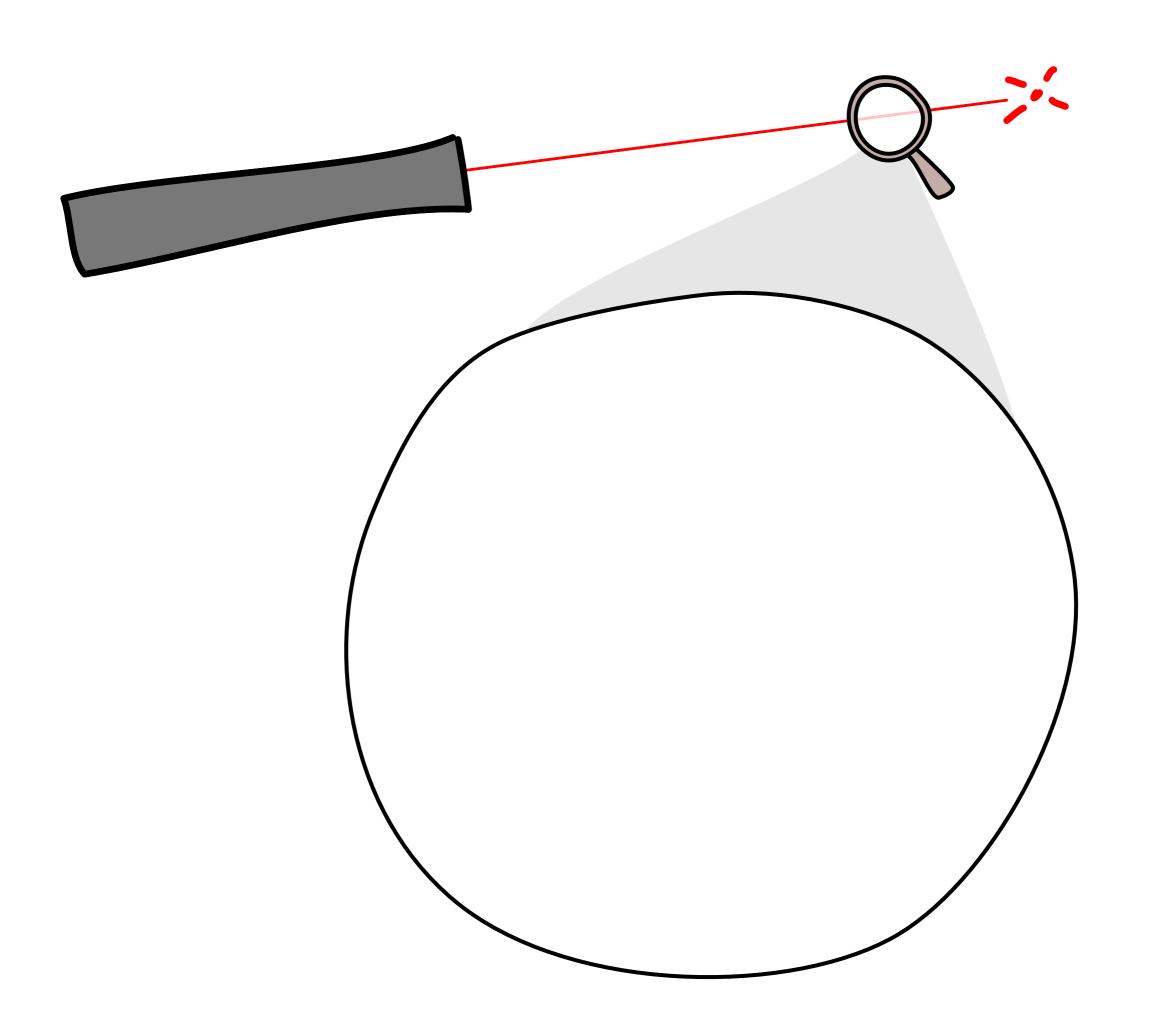
## Biophysics: Studying Onions with LASERs

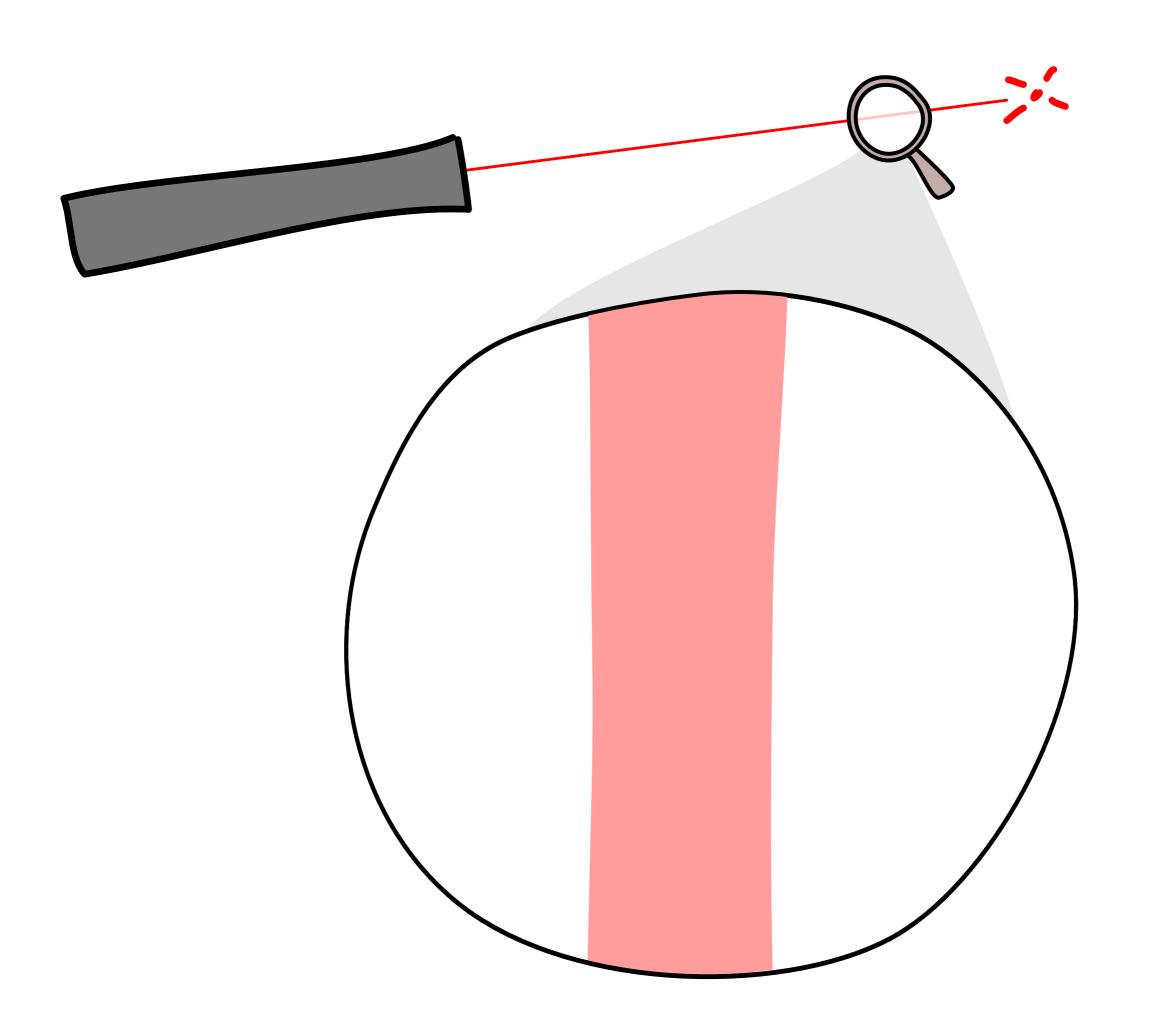
#### Tal Scully

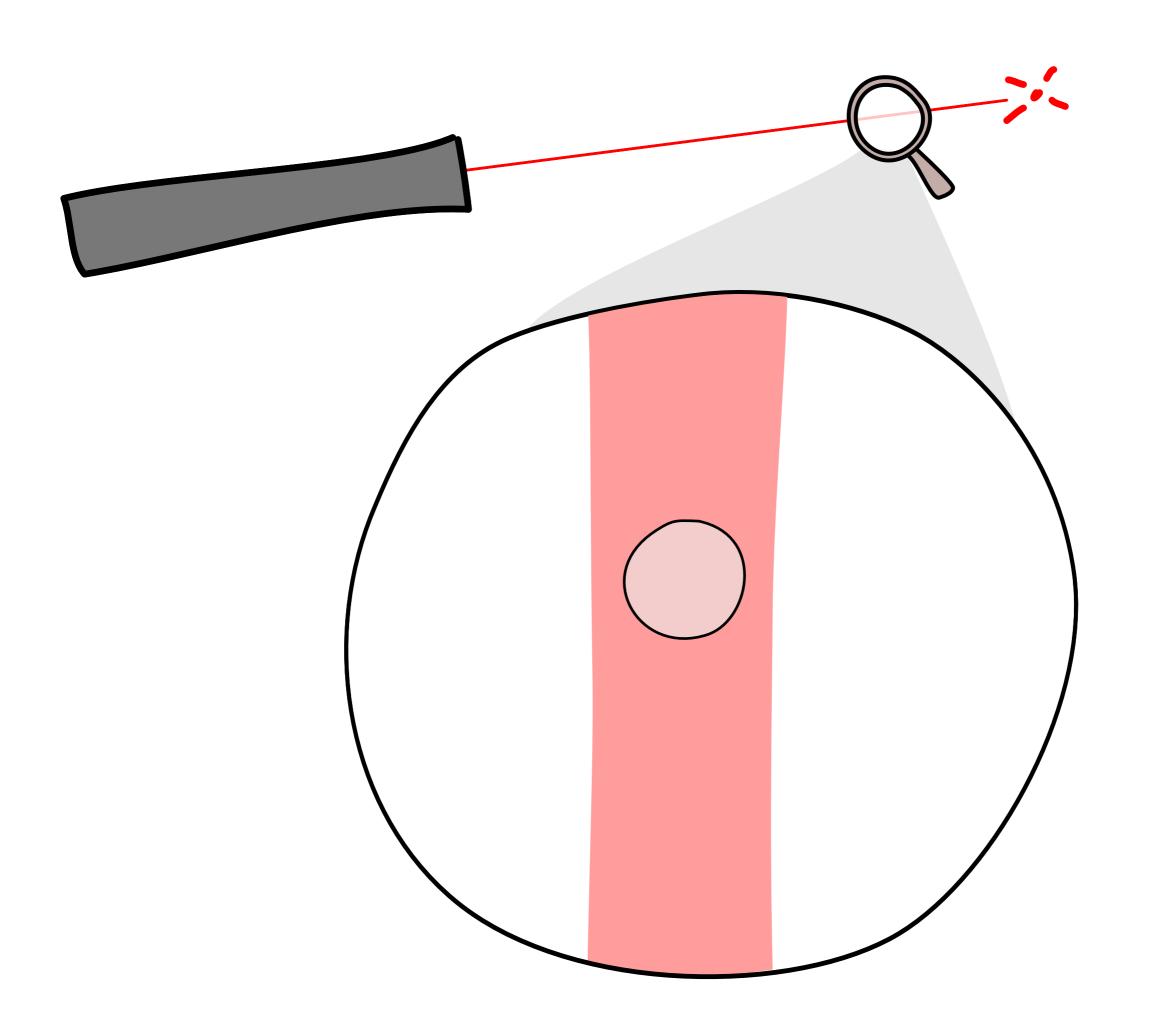
Undergraduate Senior at MIT
Double Major in Physics and Theater Arts

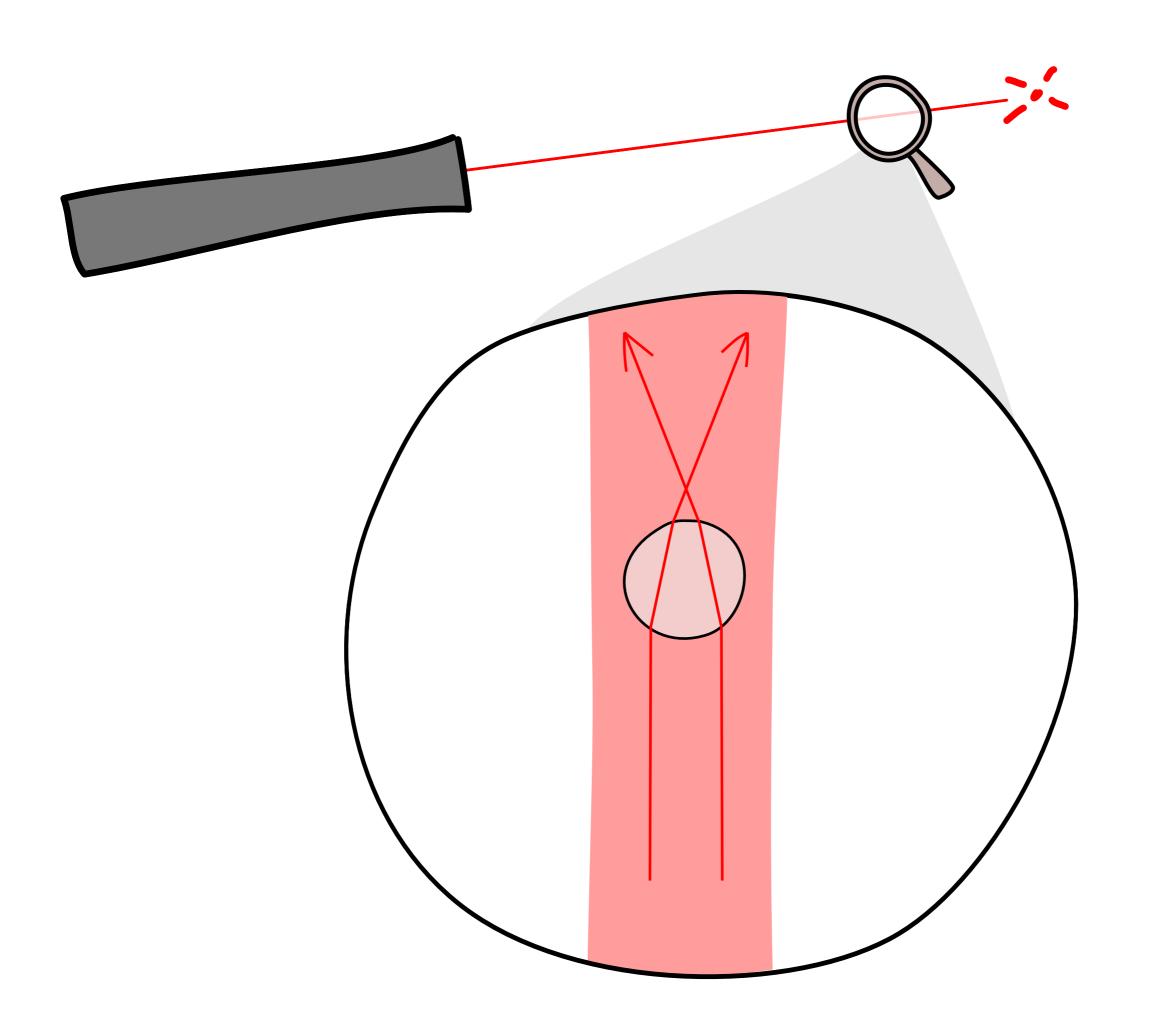


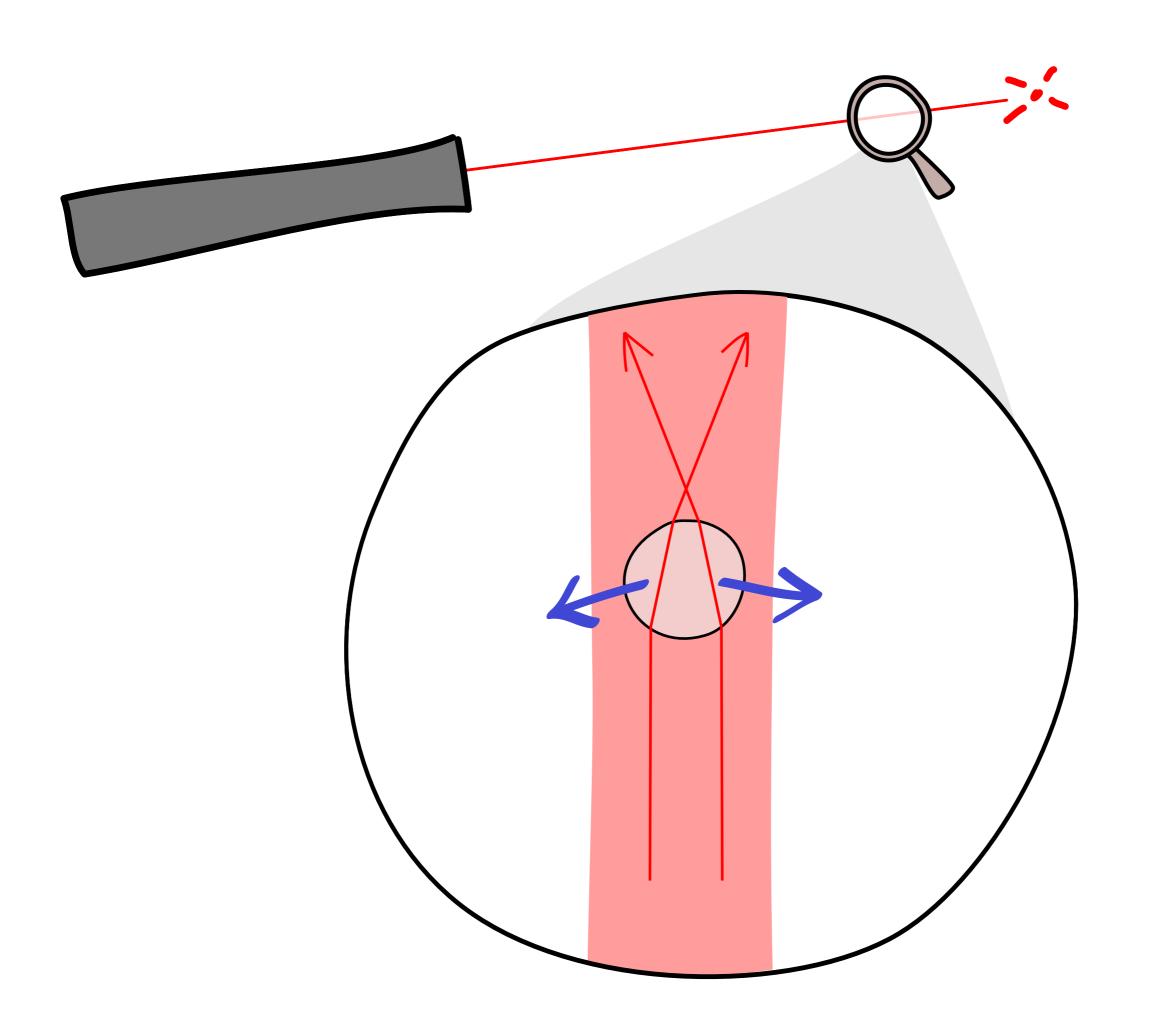


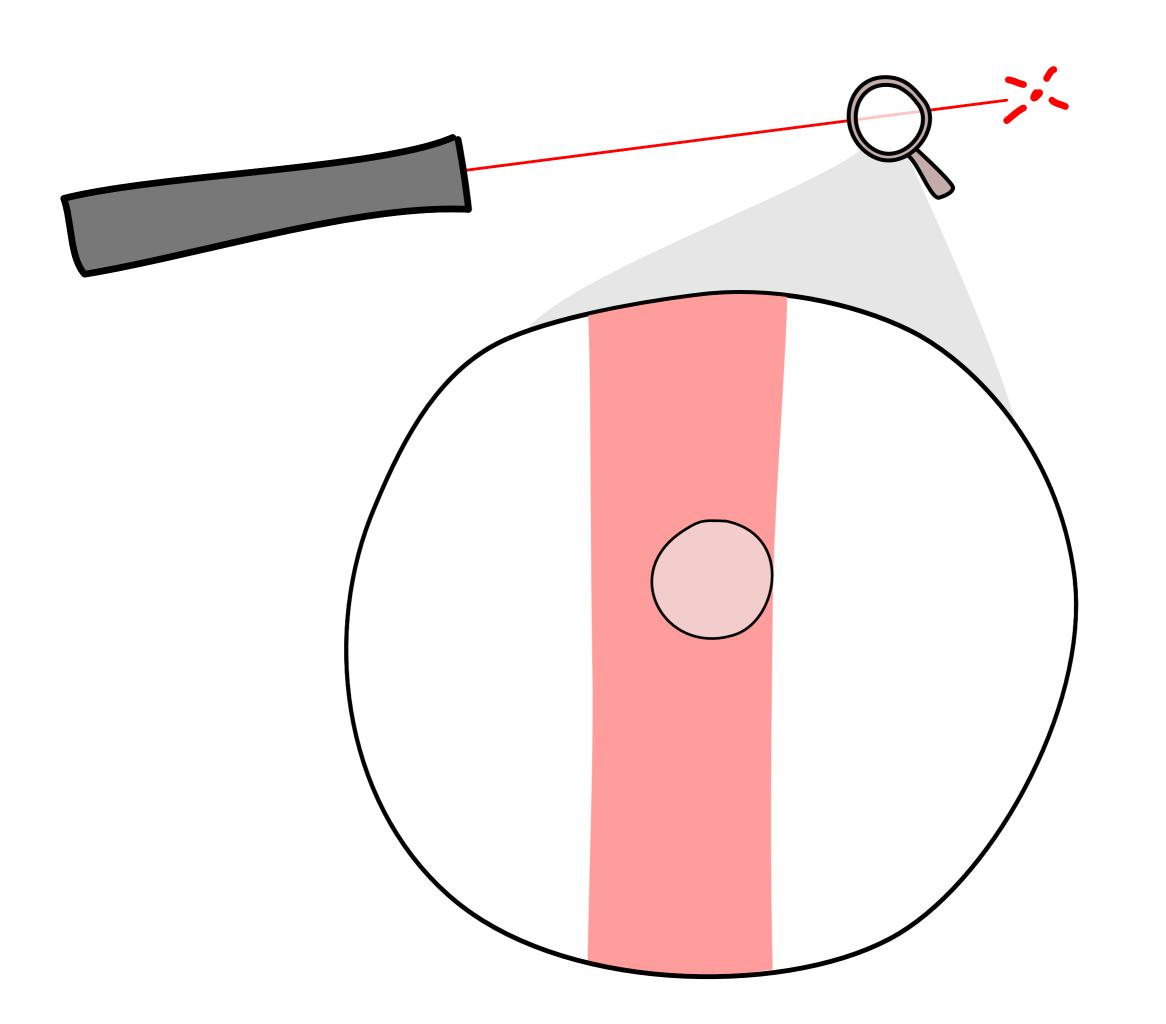


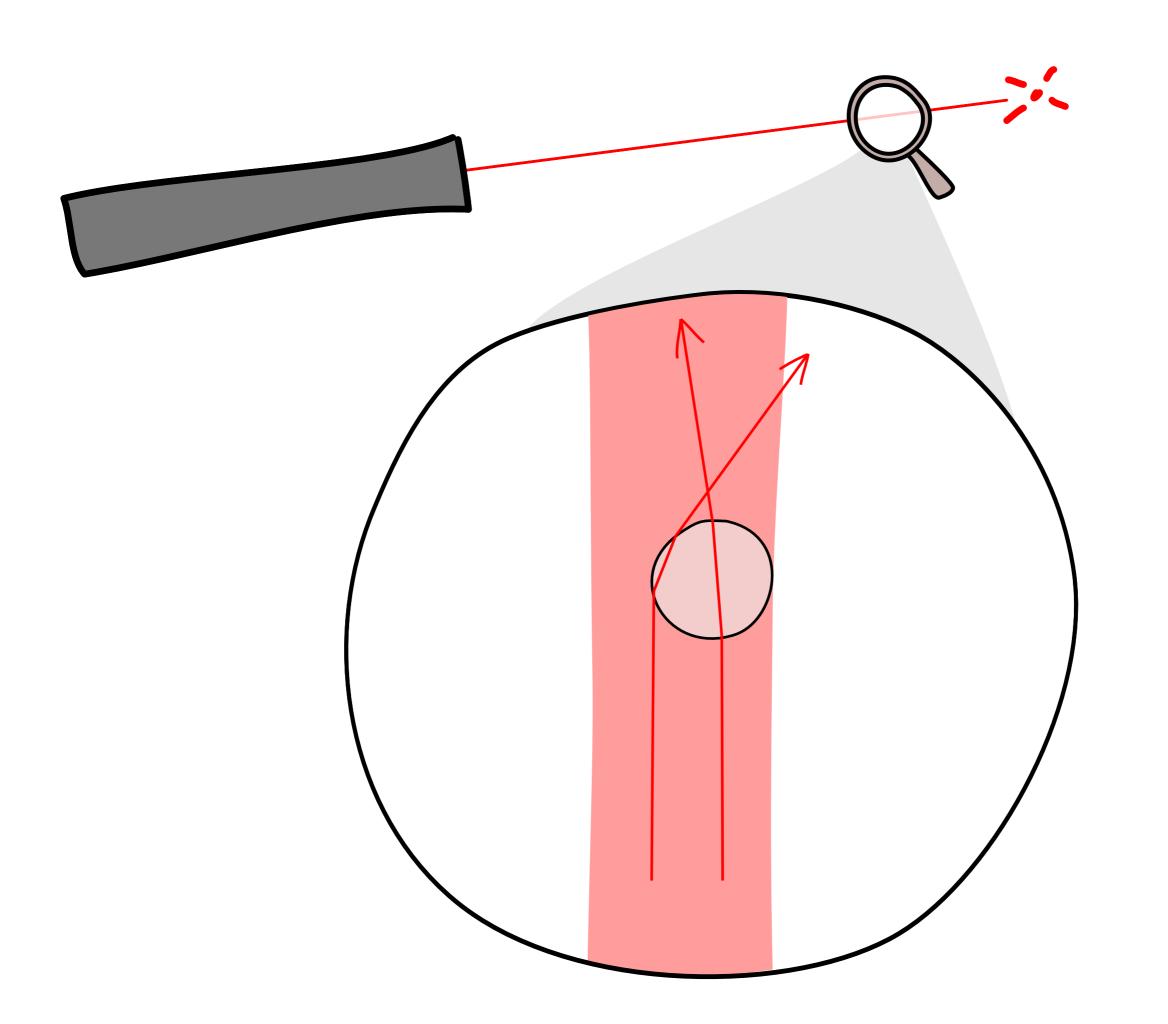


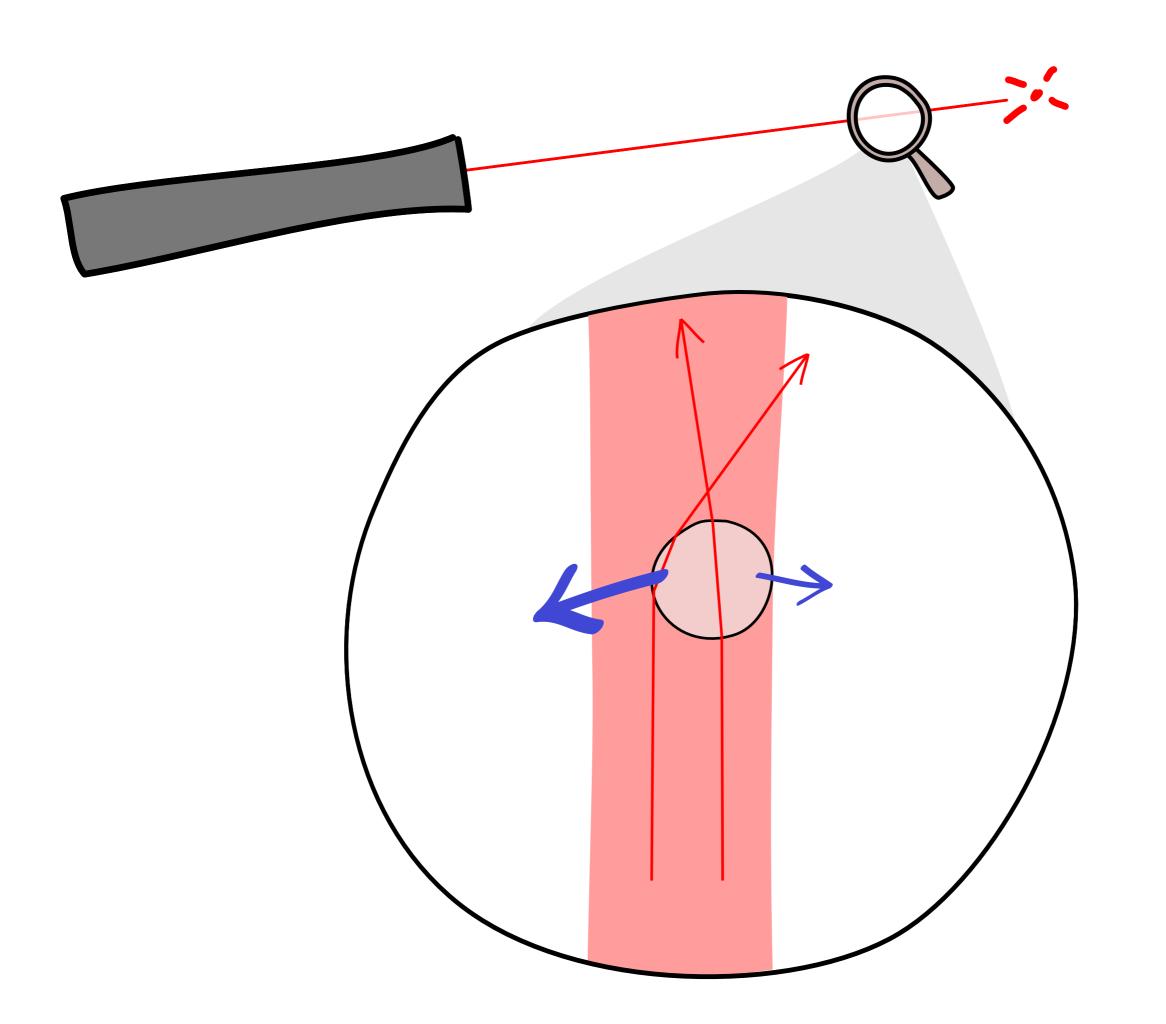




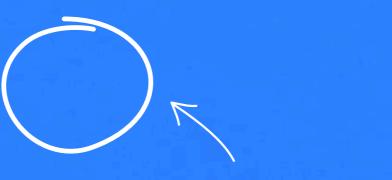




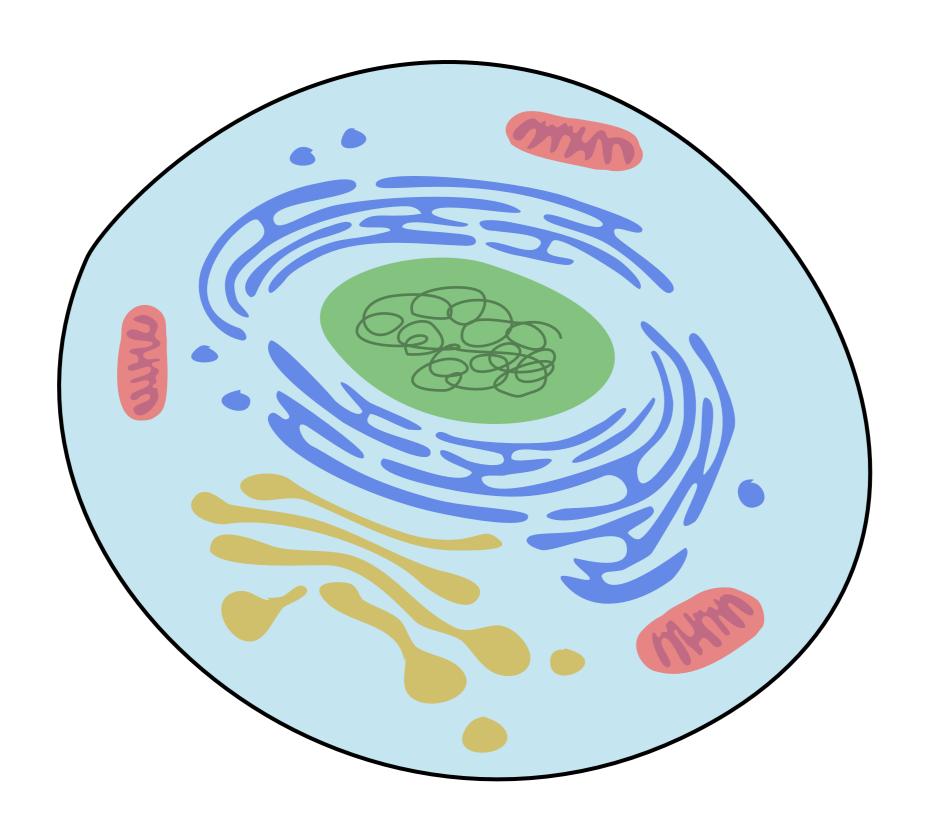


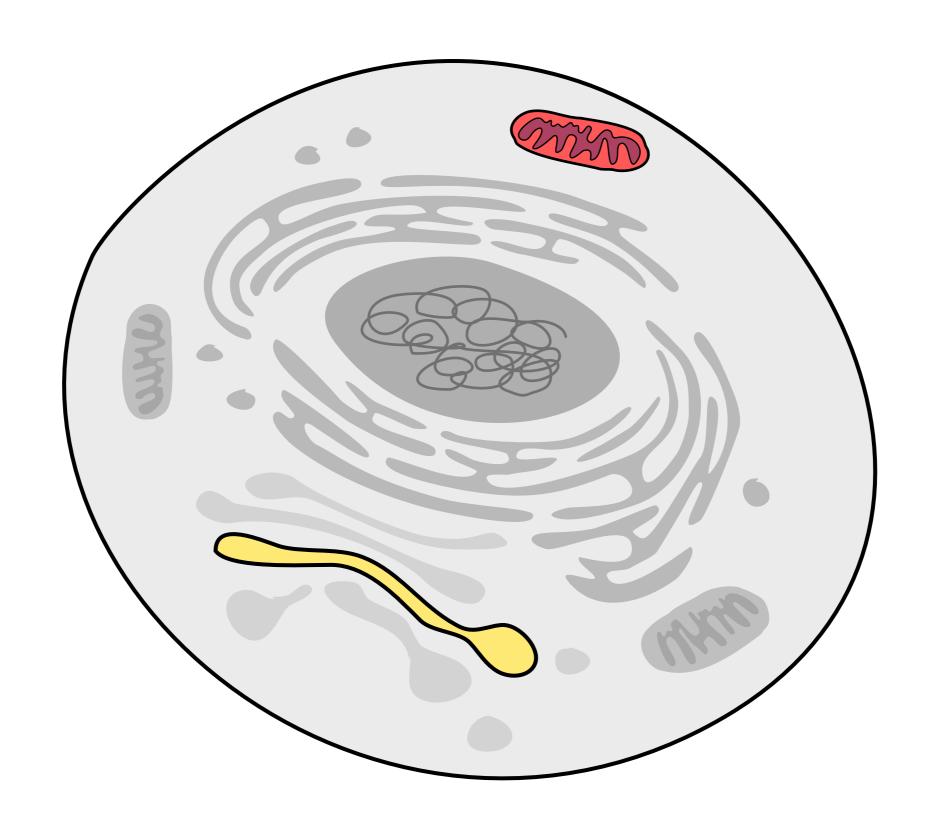


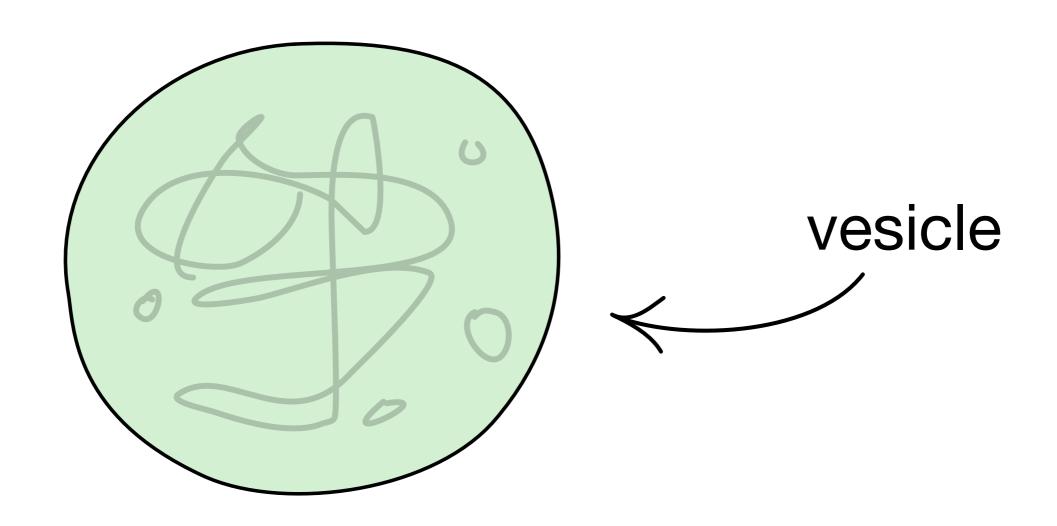
small spherical bead

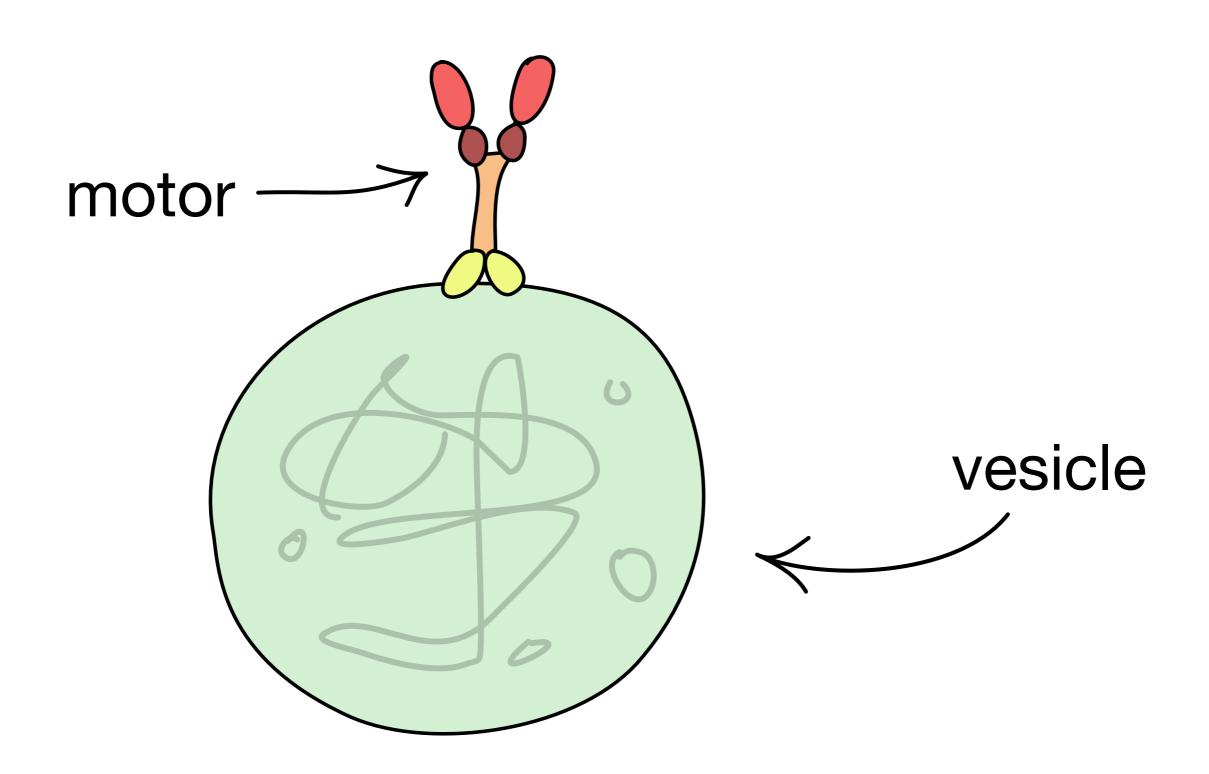


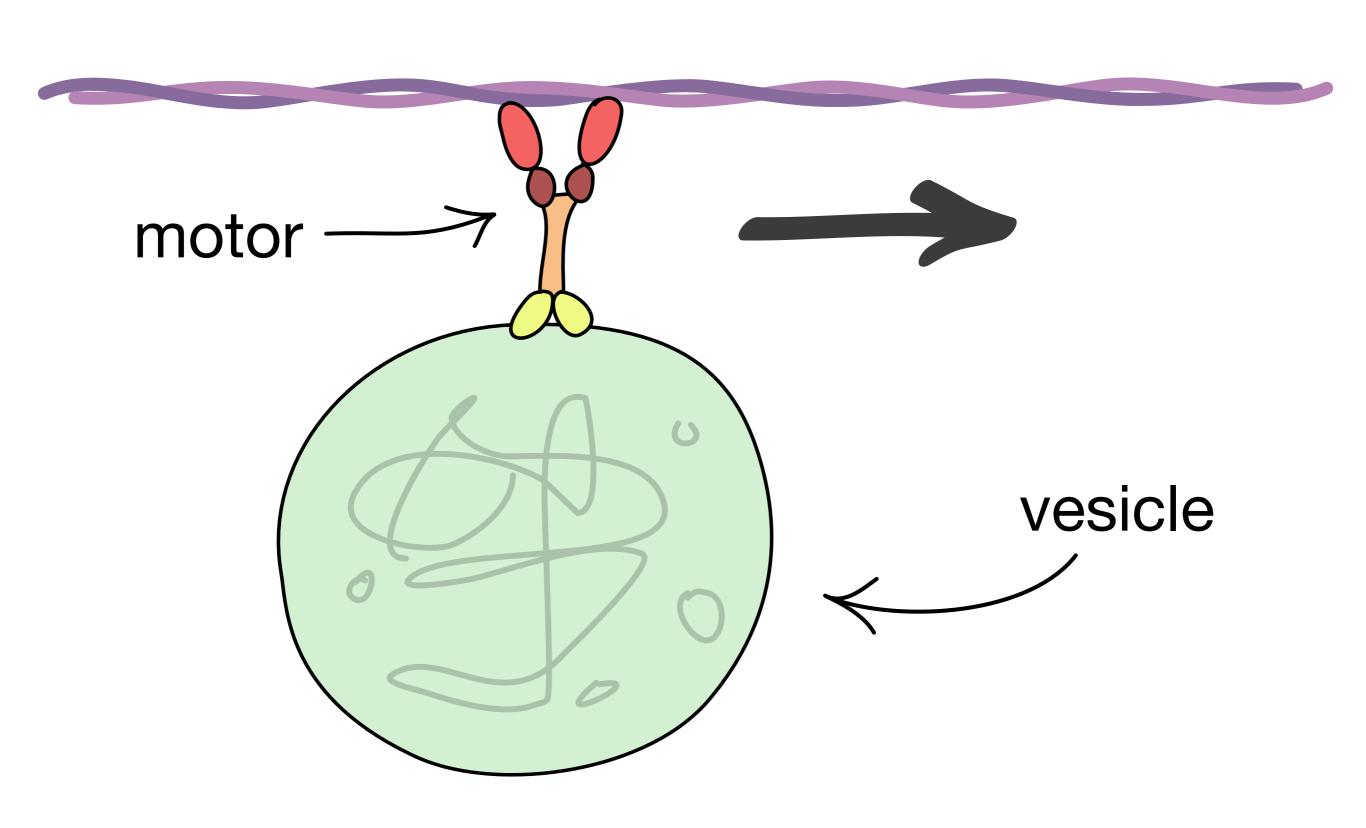
LASER beam

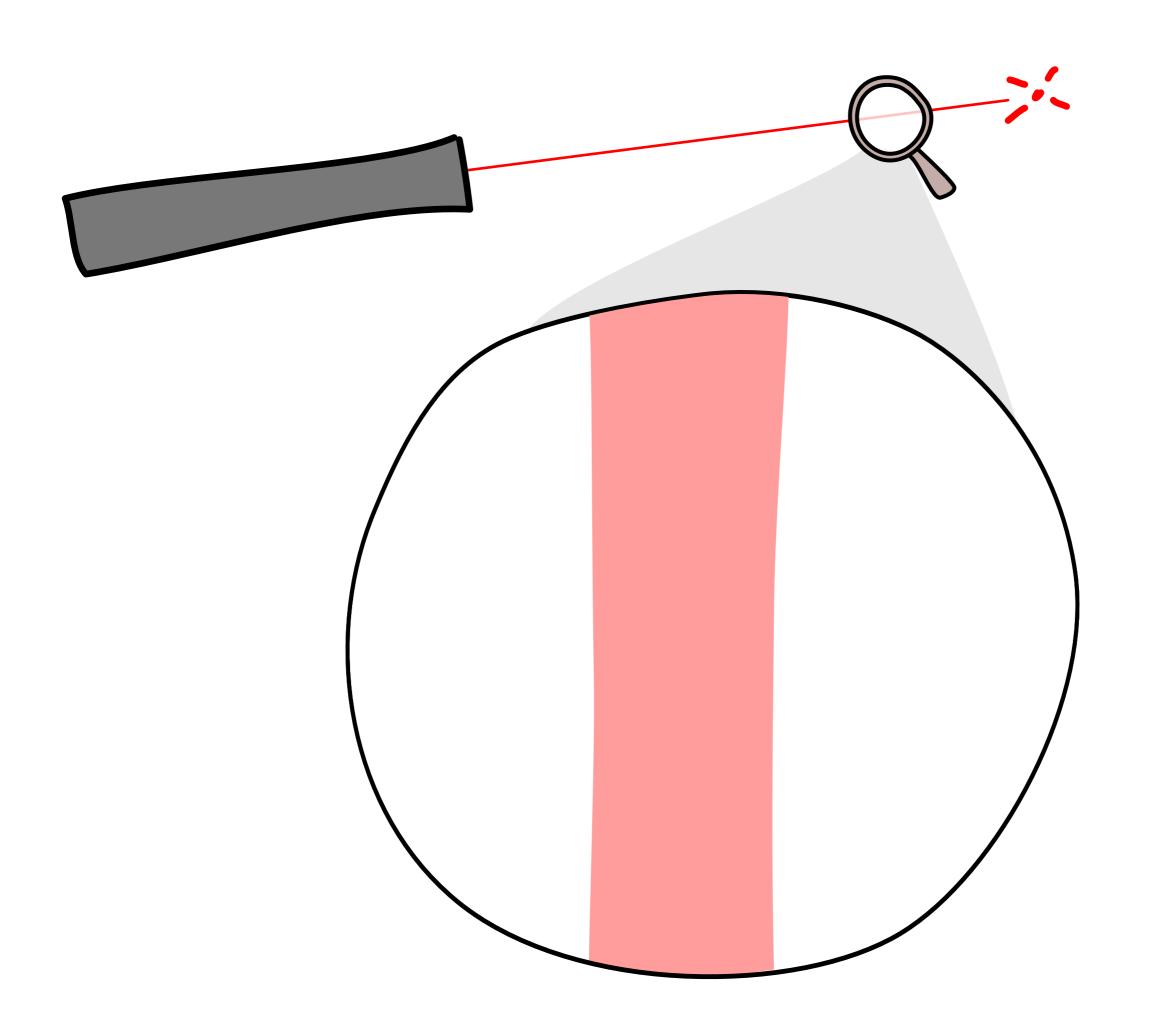


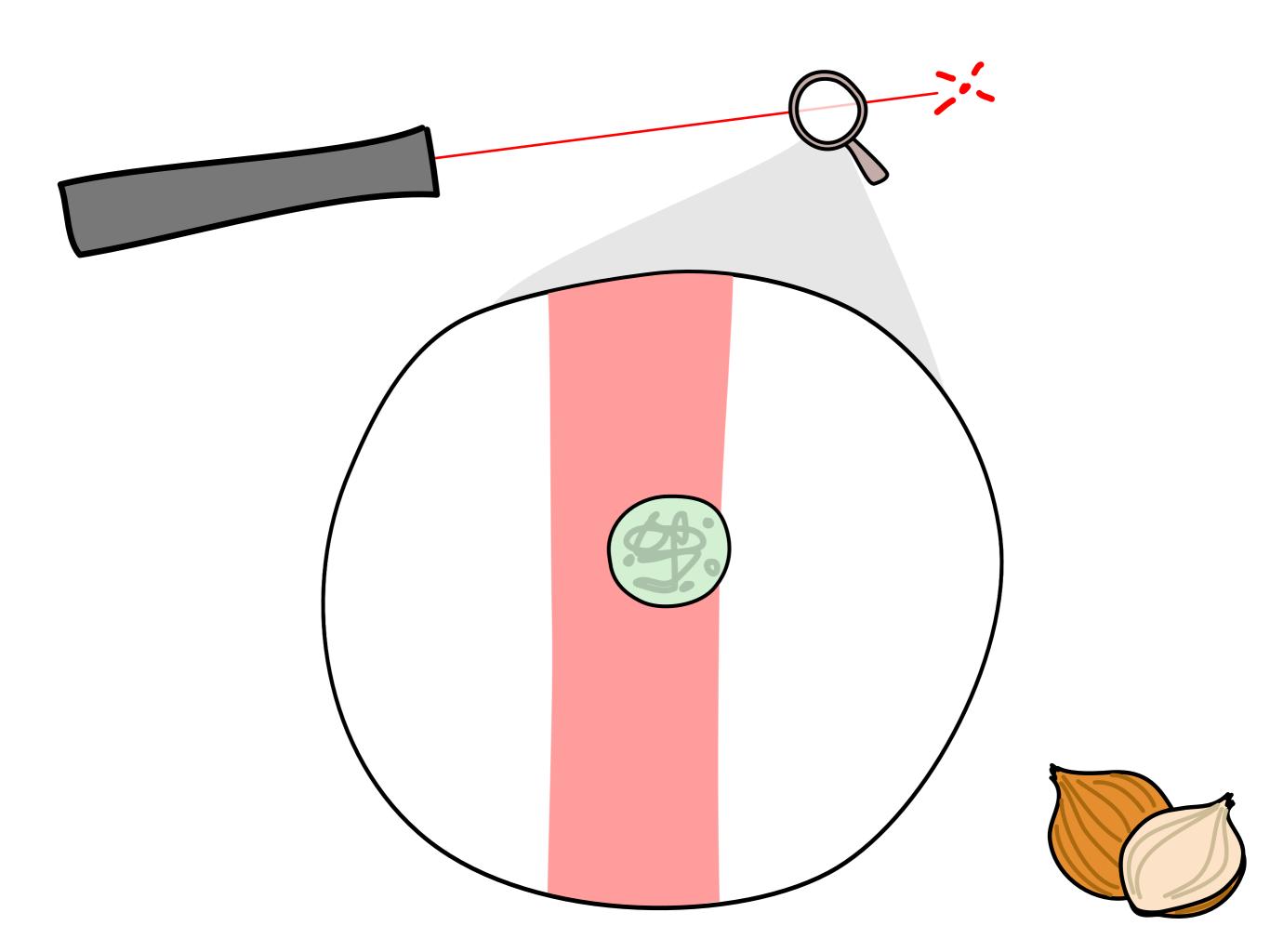


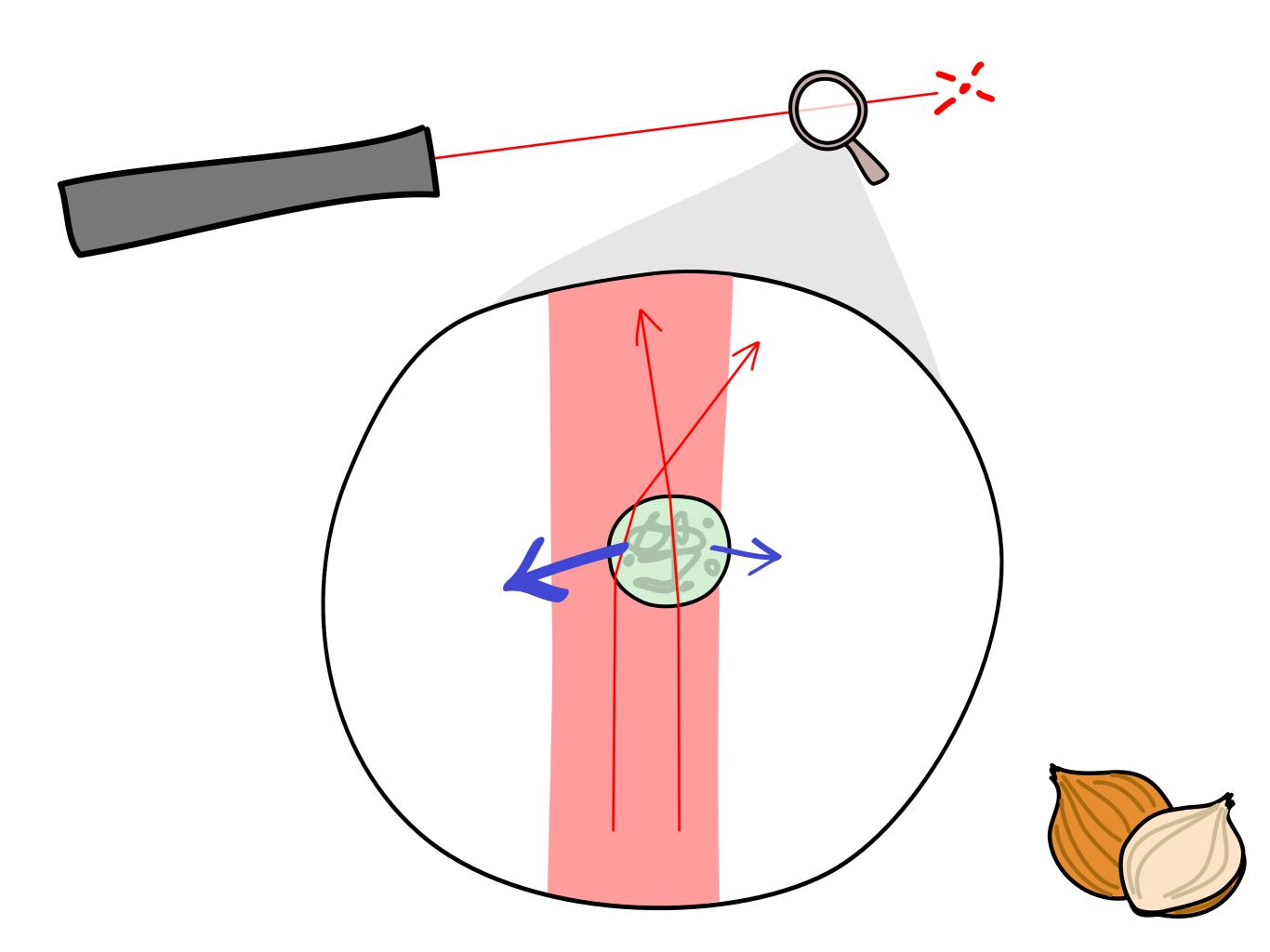


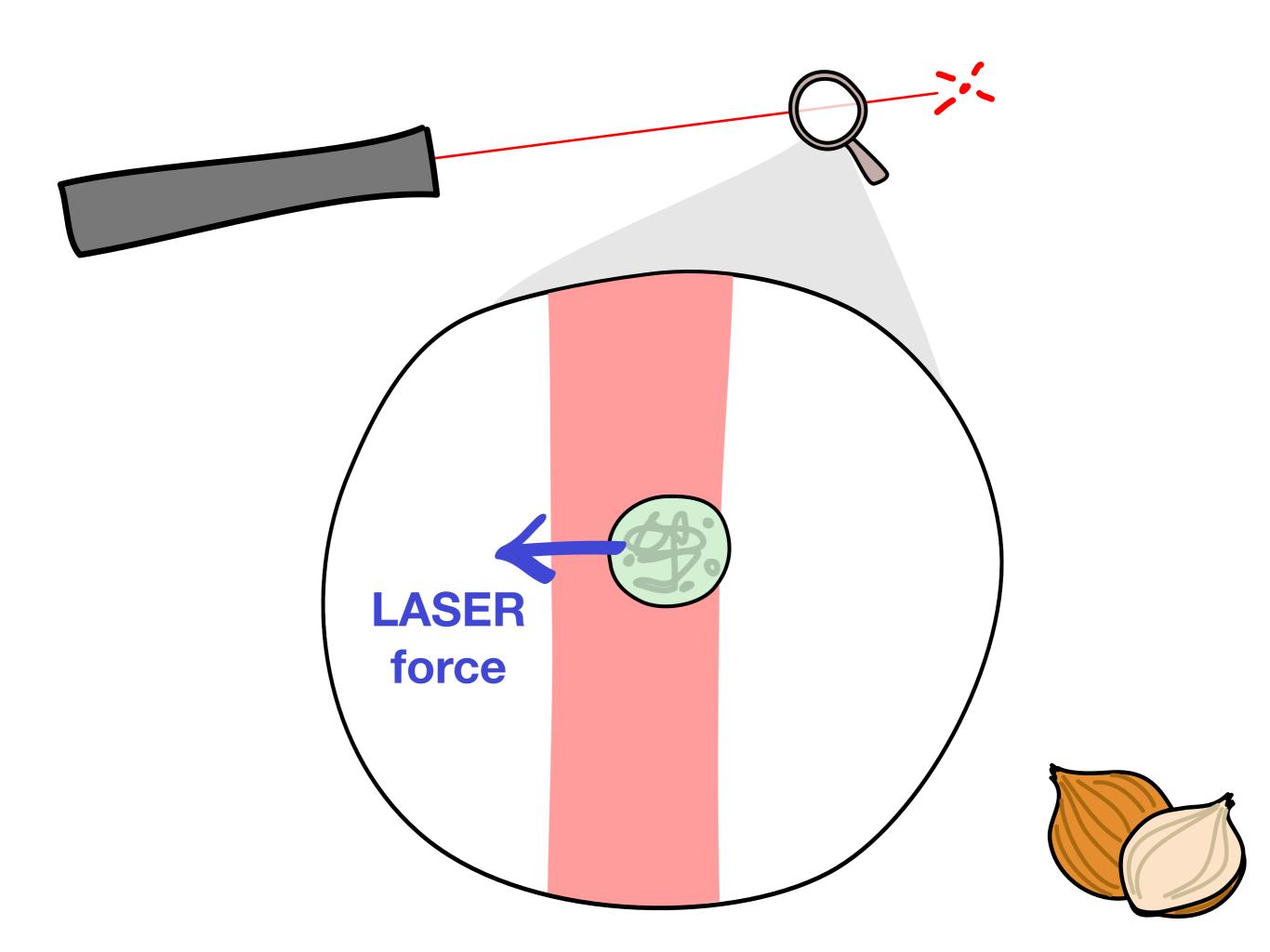


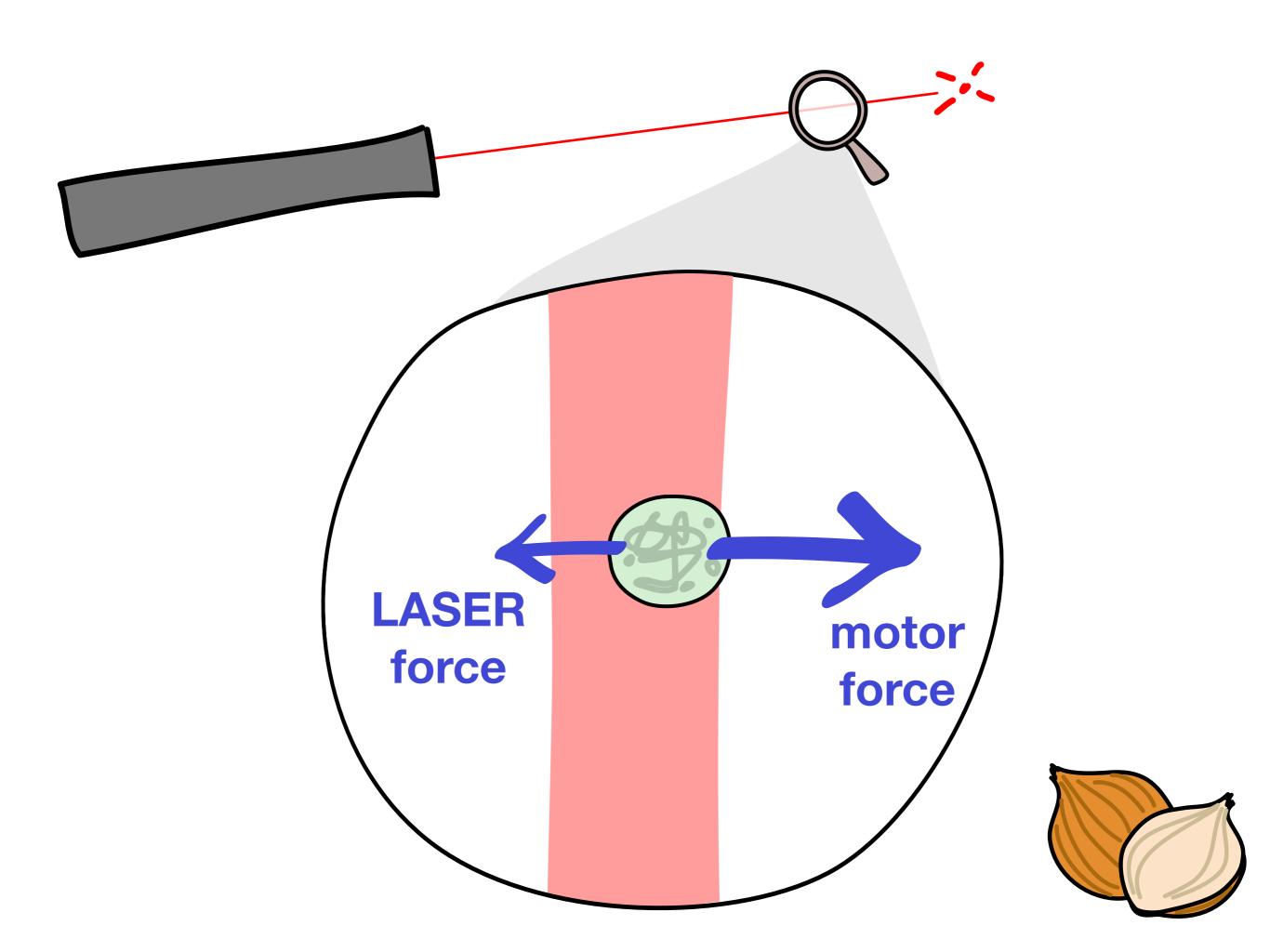


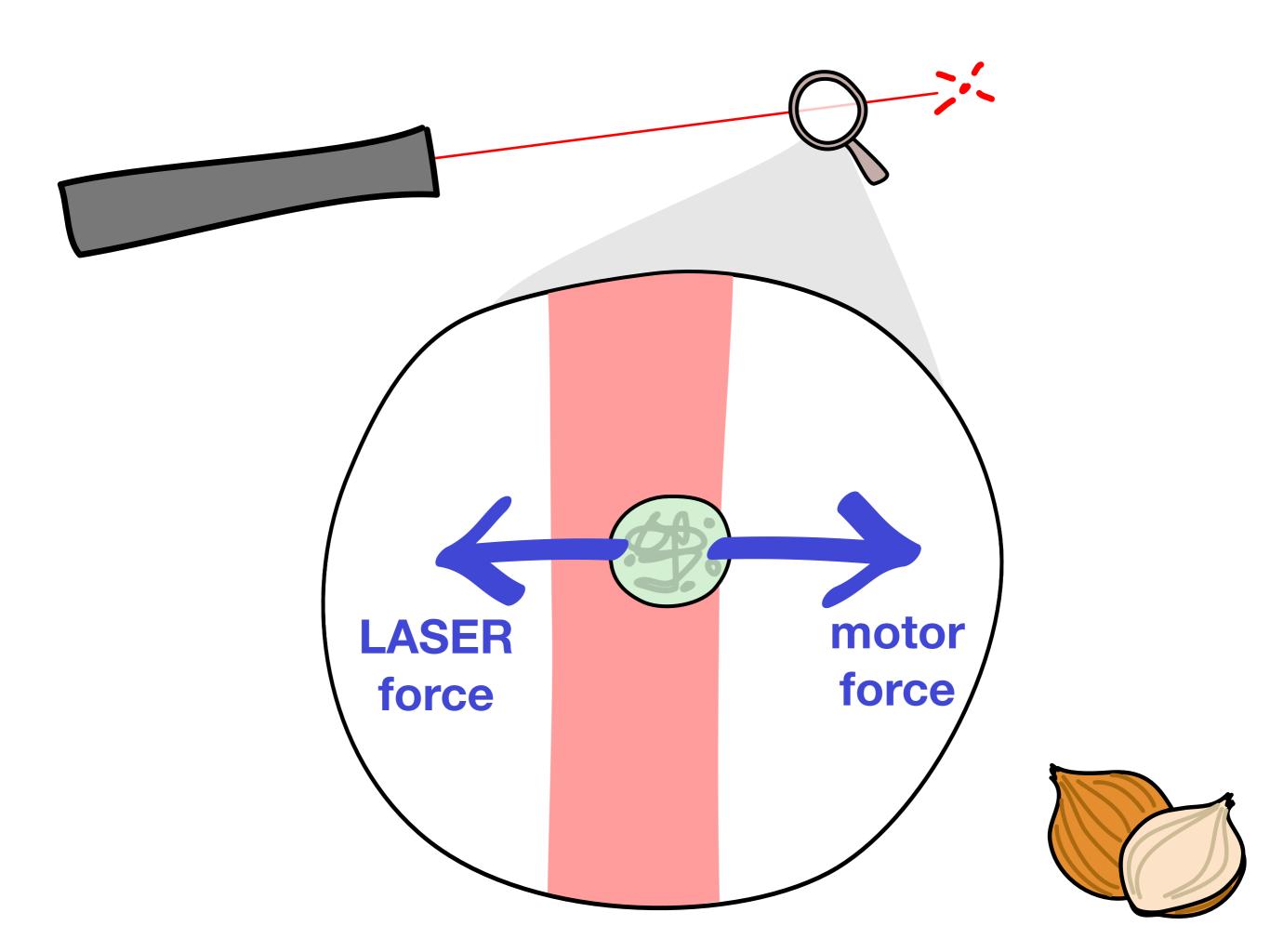


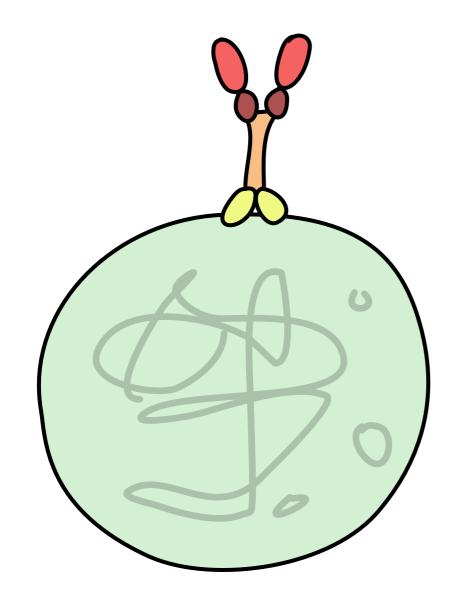




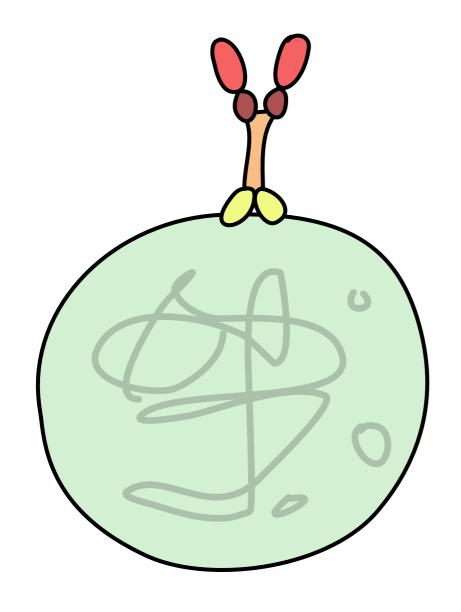


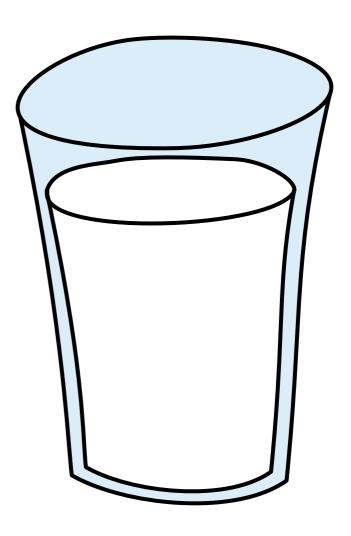






# 0.0000000005 newtons



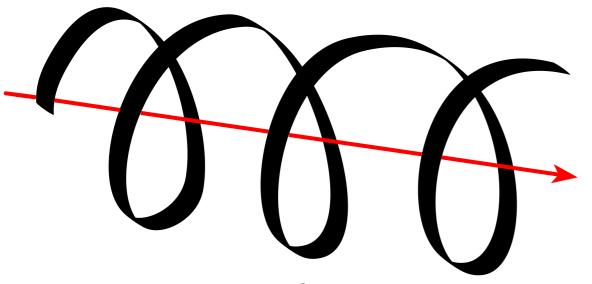


2.5 newtons

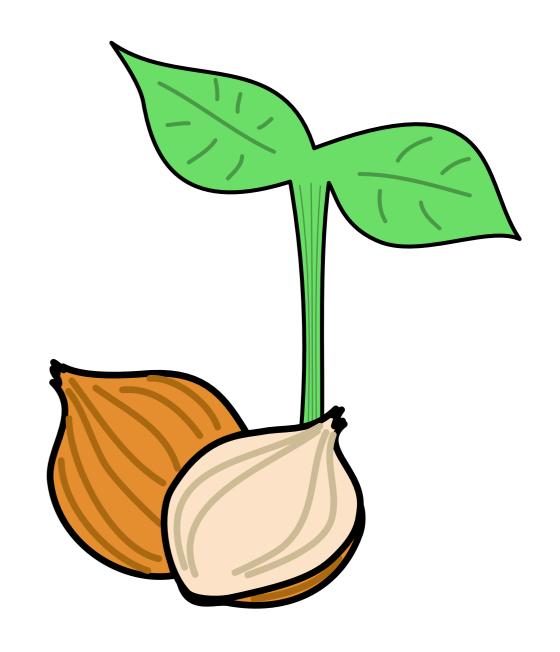
### **Physics**

and

#### Biology



$$\vec{\nabla} \cdot \vec{E} = \frac{\rho}{\epsilon_o}$$



#### Science

and

#### **Art**

