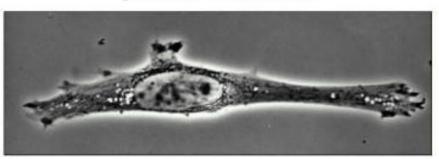


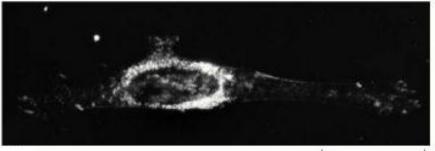
#### brightfield



#### phase contrast





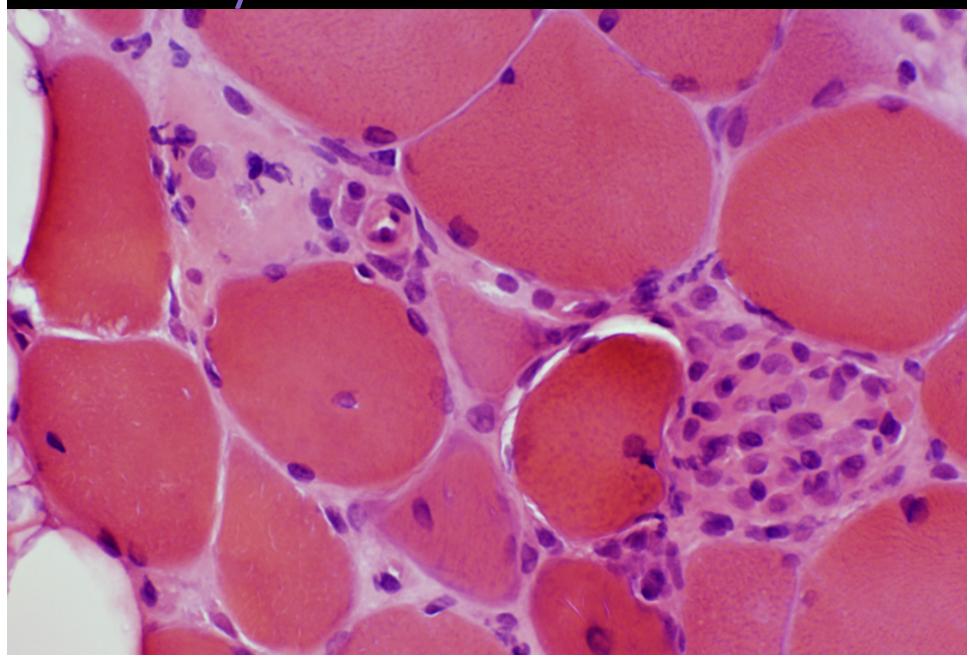


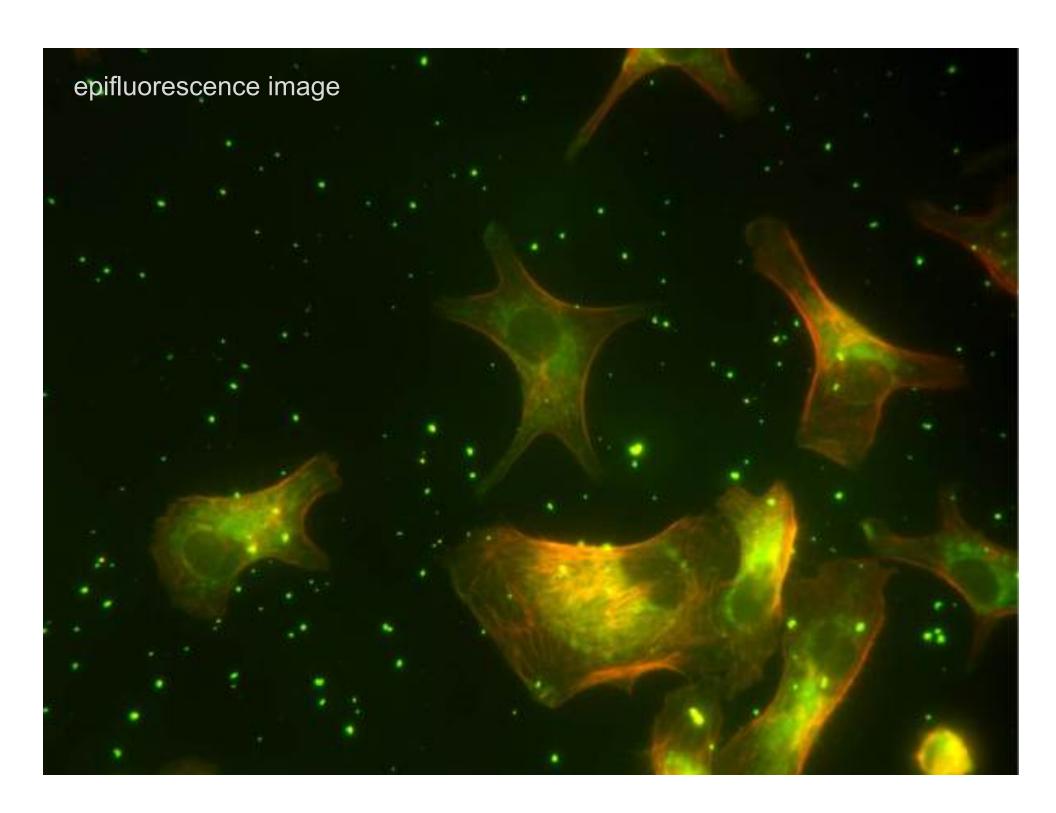
differential interference contrast (Nomarski)

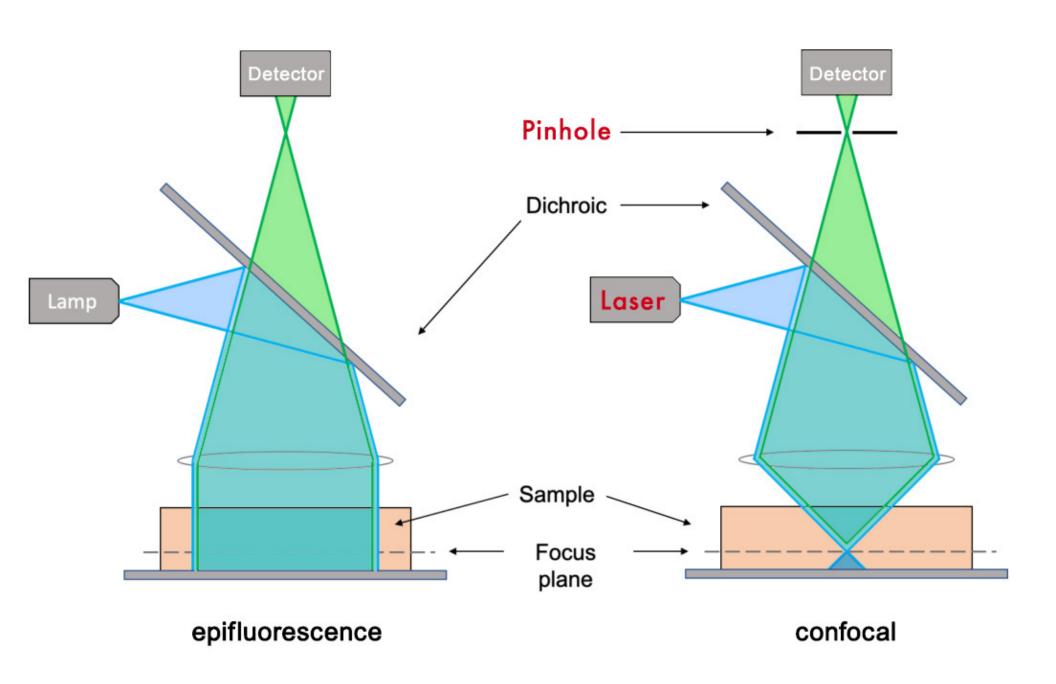
darkfield

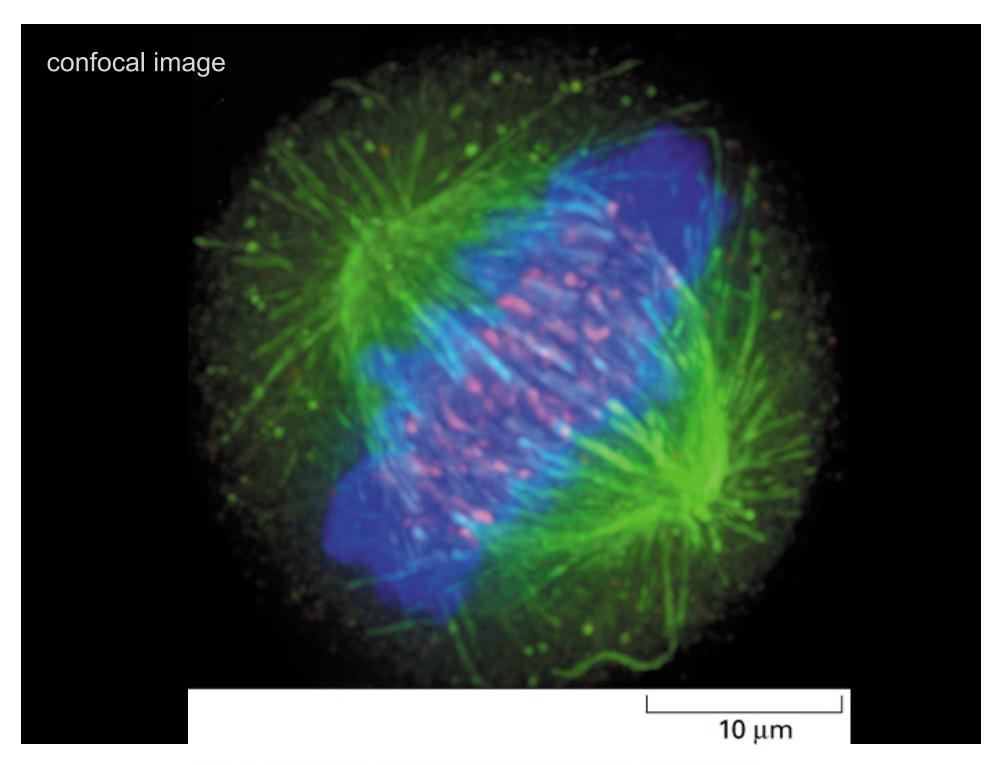
50 μm

hematoxylin & eosin

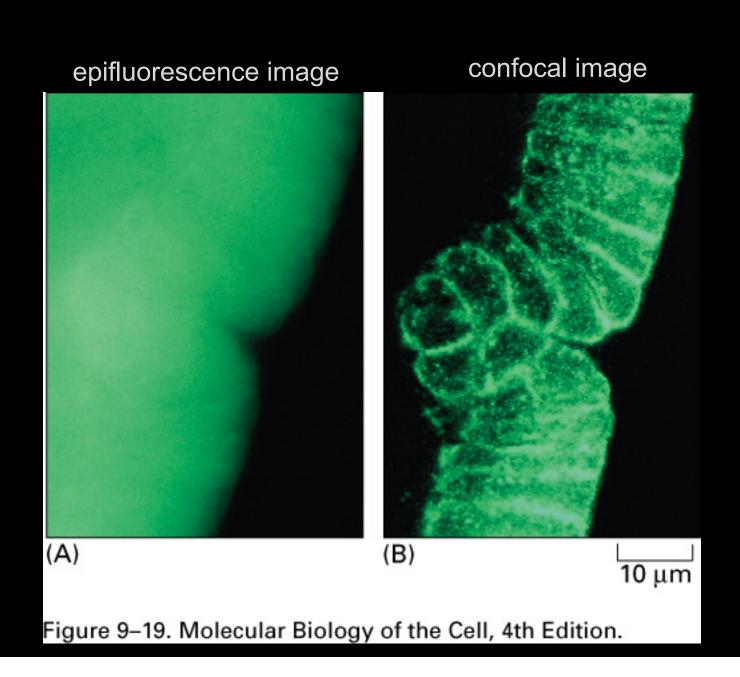




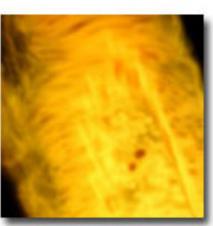


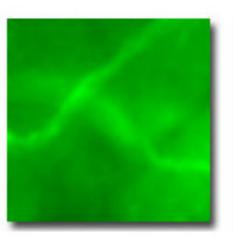


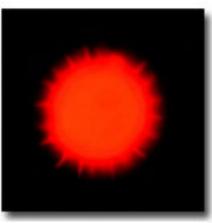
gure 9-14. Molecular Biology of the Cell, 4th Edition.



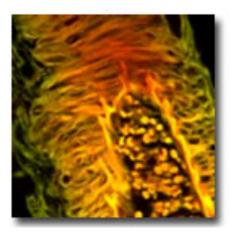


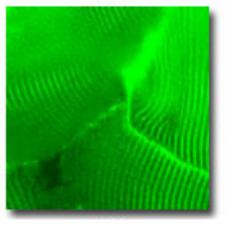


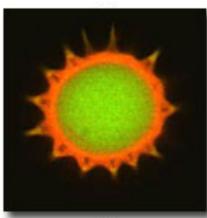






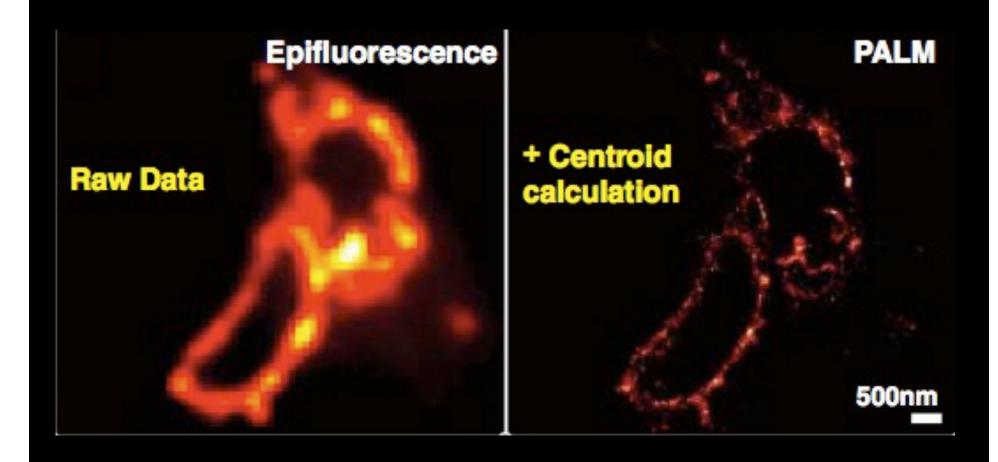








### **PALM**



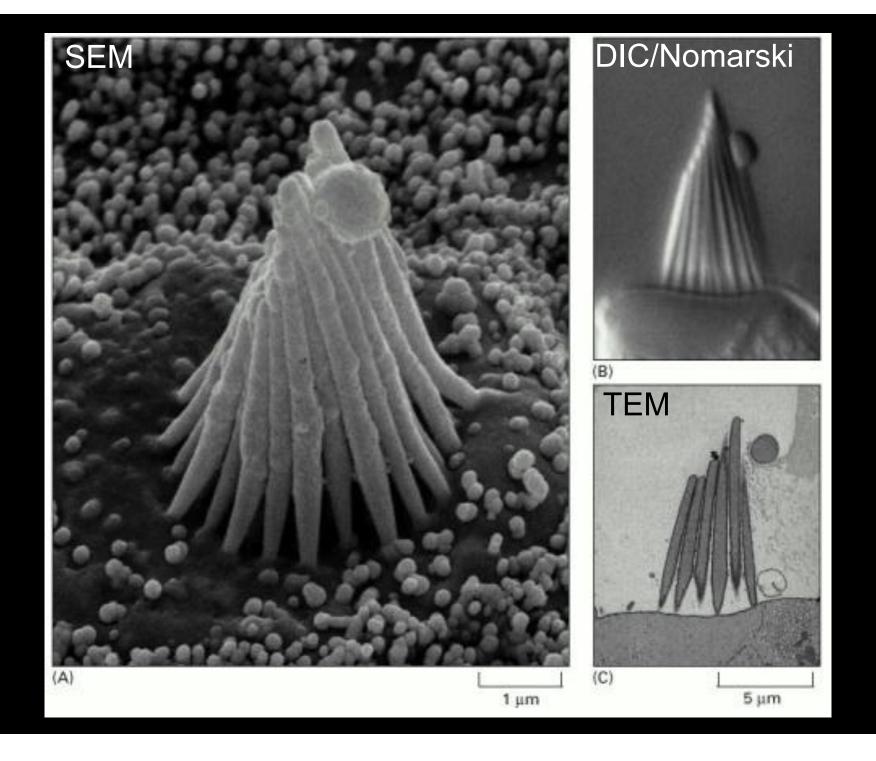
#### **PALM**

collecting image over time building a normal image calculated center of each spot

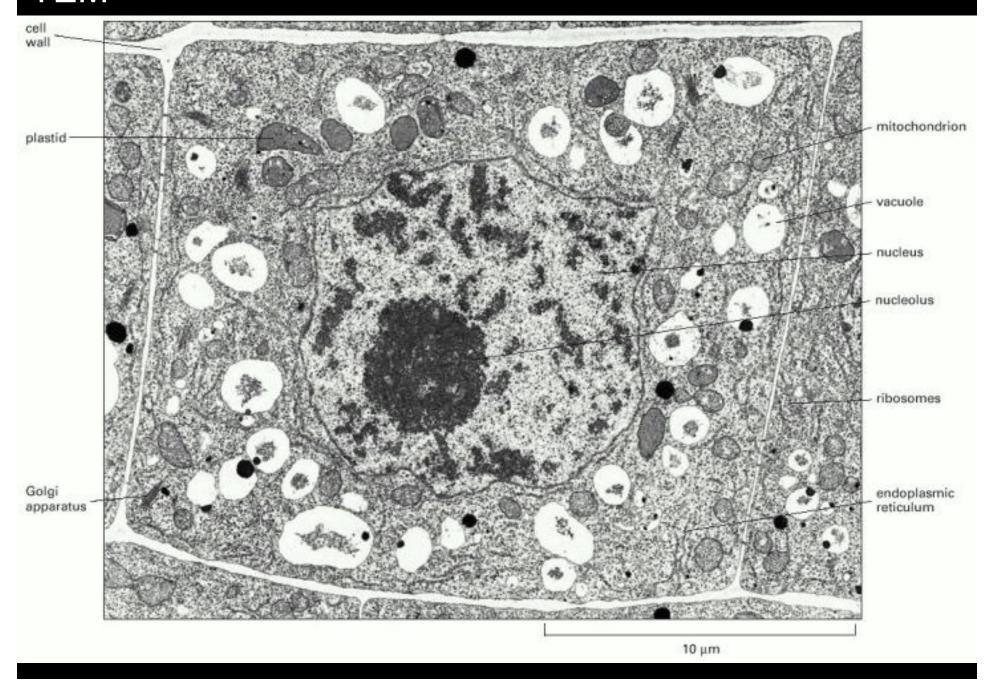
(Harald Hess, Eric Betzig)



original PALM set-up in Harald Hess' living room



### TEM

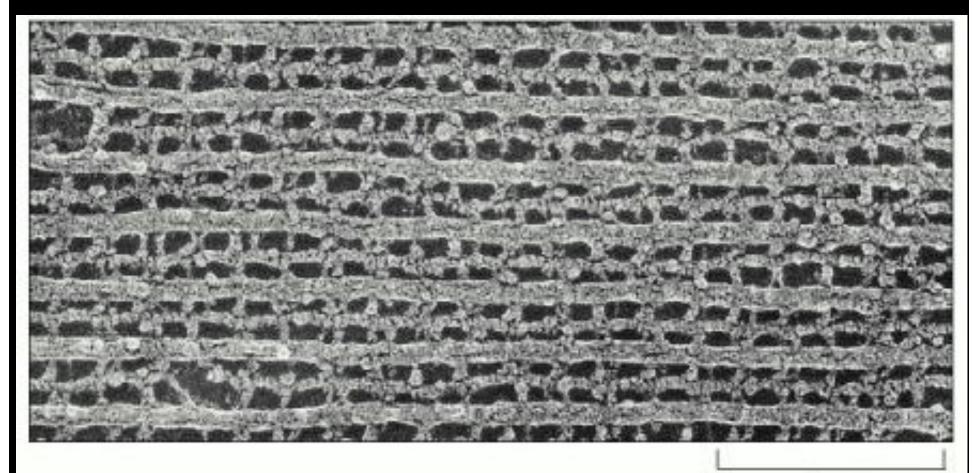


## freeze fracture



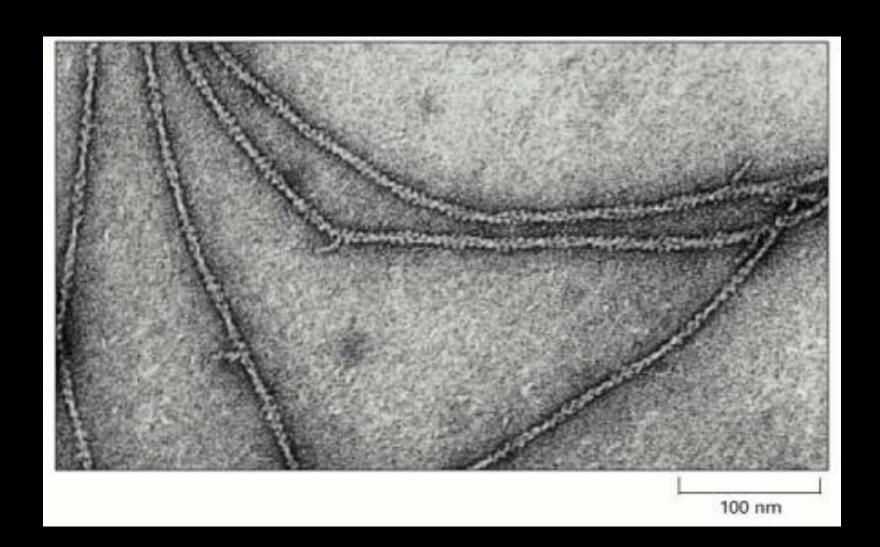
0.1 µm

### freeze etch



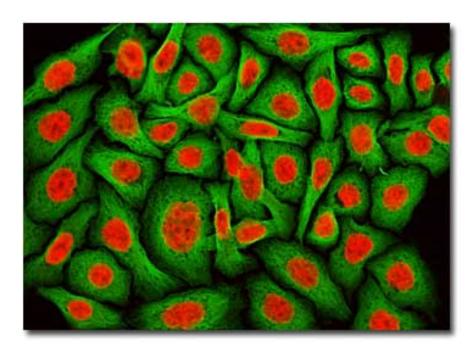
0.1 µm

# negative stain





**Henrietta Lacks** 



HeLa cells

