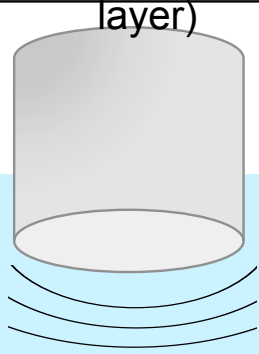
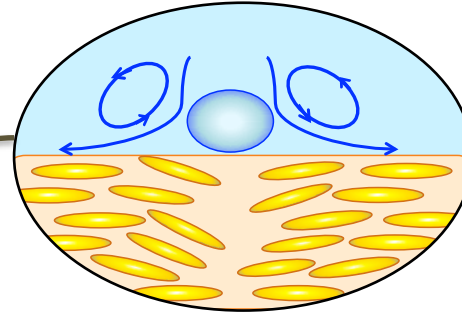


Ultrasound applied to the skin
(stratum corneum, the top skin
layer)

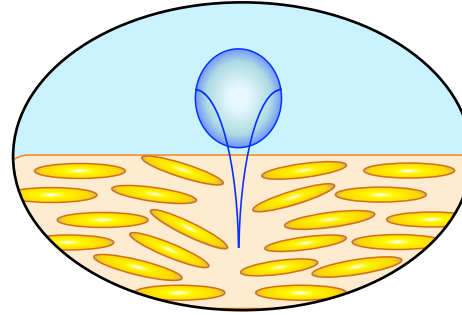


lipid bilayers (□), keratinocyte (●),
medium (■), cavitation bubble (⊙)



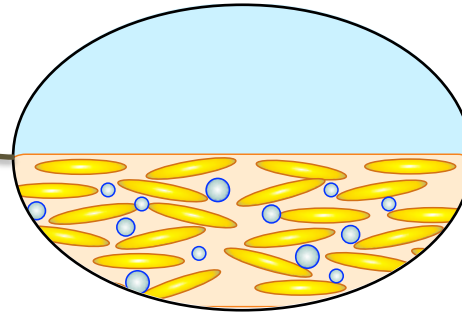
Stable cavitation:

- Sustained, low-amplitude bubble oscillations
- Microstreaming



Inertial cavitation:

- Rapid bubble growth and collapse
- Microjet formations



Cavitation inside skin:

- More likely at higher frequency
- HFS bubbles $< 3\ \mu\text{m}$
- LFS bubbles $> 30\ \mu\text{m}$