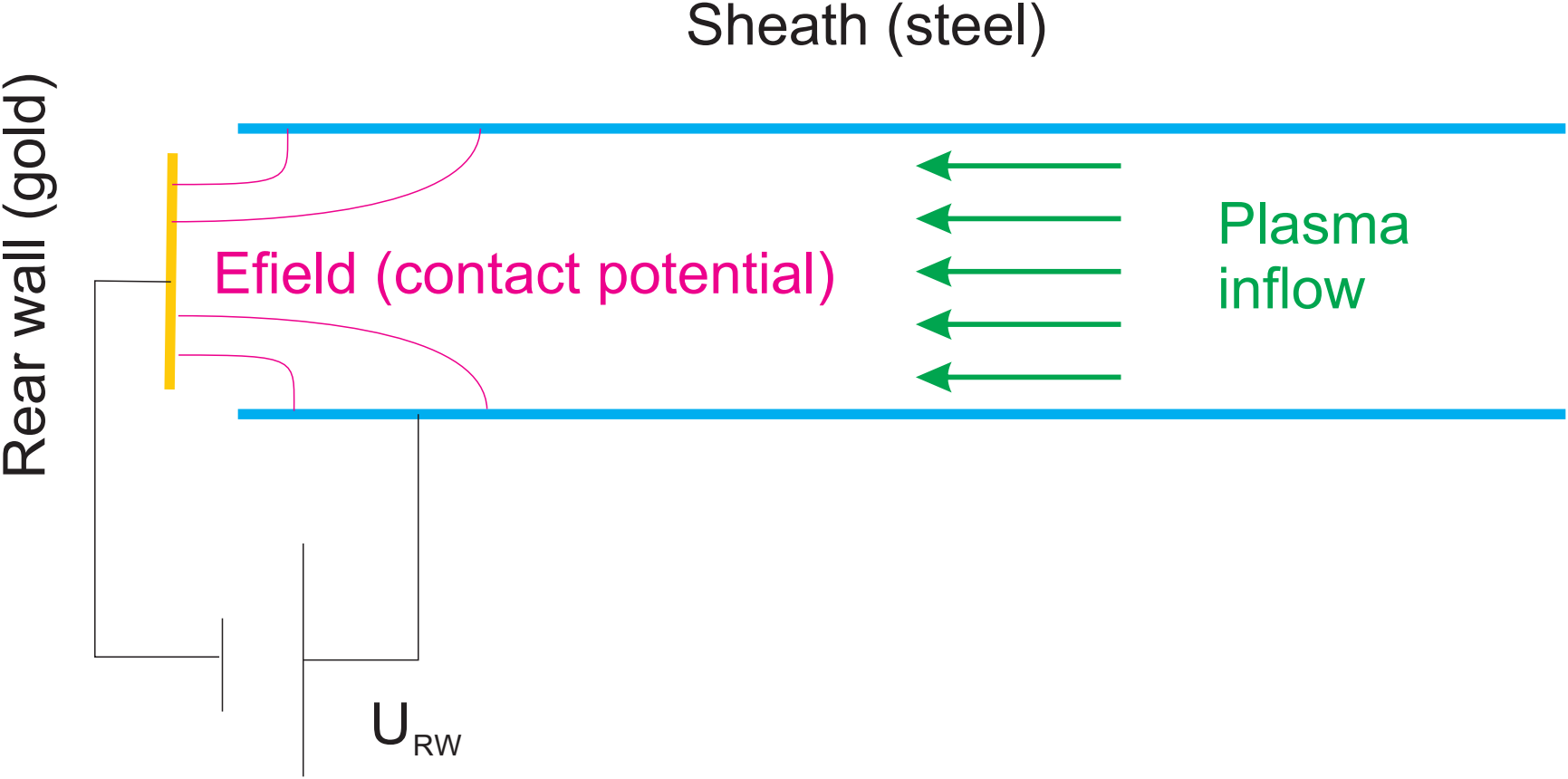

Sheath (steel)
Rear wall (gold)
Efield (contact potential)
Plasma
inflow
U RW