

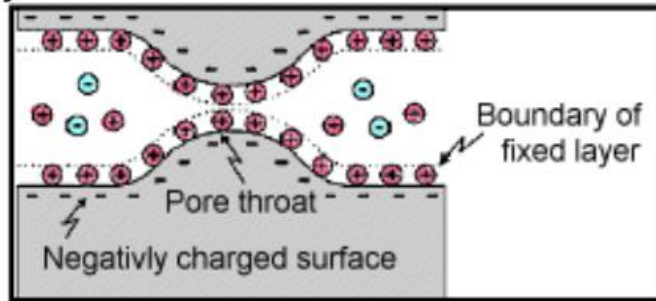
Another view on membrane polarization

Matthias Bucker

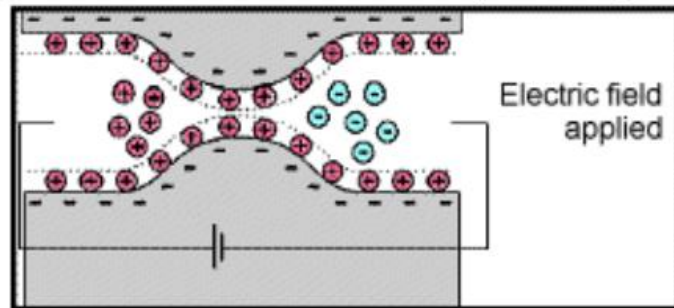
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Membrane polarization = charge polarization

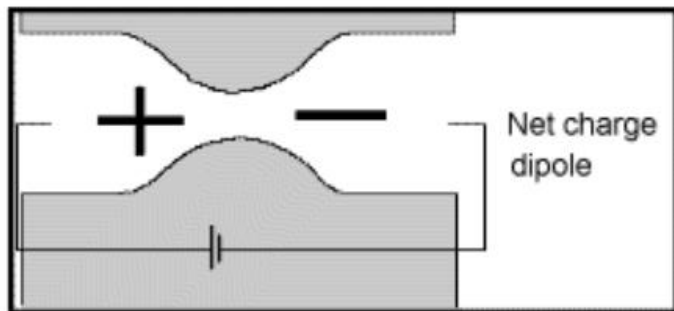
Initially - neutral



Apply electric field, build up charges

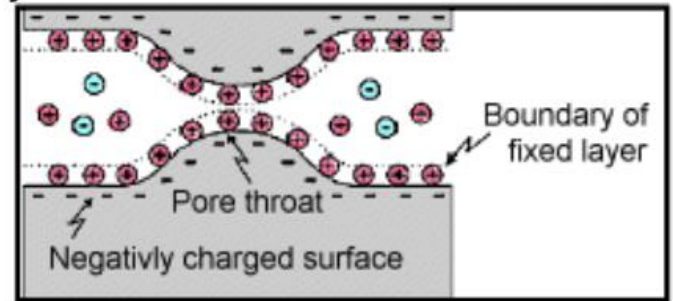


Charge polarization, Electric dipole

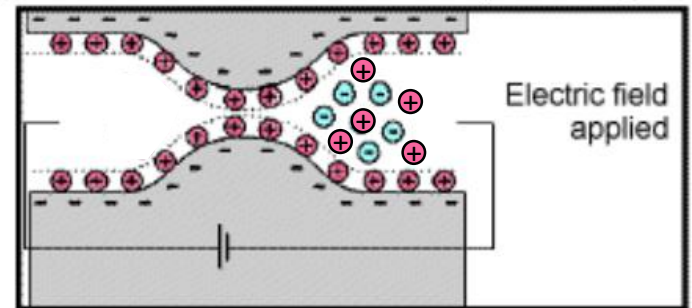


Membrane polarization = concentration polarization

Initially - neutral



Apply electric field, build up concentration gradient



Concentration polarization

