

Extracellular side



$$g_r = g_{\text{Cl}} + g_{\text{Na}} + g_{\text{K}} = 14.5 \times 10^{-6} \text{ S}$$

$$E_r = \frac{g_{\text{K}} E_{\text{K}} + g_{\text{Cl}} E_{\text{Cl}} + g_{\text{Na}} E_{\text{Na}}}{g_{\text{Cl}} + g_{\text{Na}} + g_{\text{K}}} = -70 \text{ mV}$$

Cytoplasmic side