

# Supplement materials

Mysin I.E.

Pyramidal neurons

$$C \frac{dV_s}{dt} = -I_l - I_{Kdr} - I_{Na} - I_A - I_M - I_H - I_{CaL} - I_{sAHP} - I_{mAHP} - I_{CaR} - I_{buff} - I_{syn} + I_{ext} \quad (1)$$