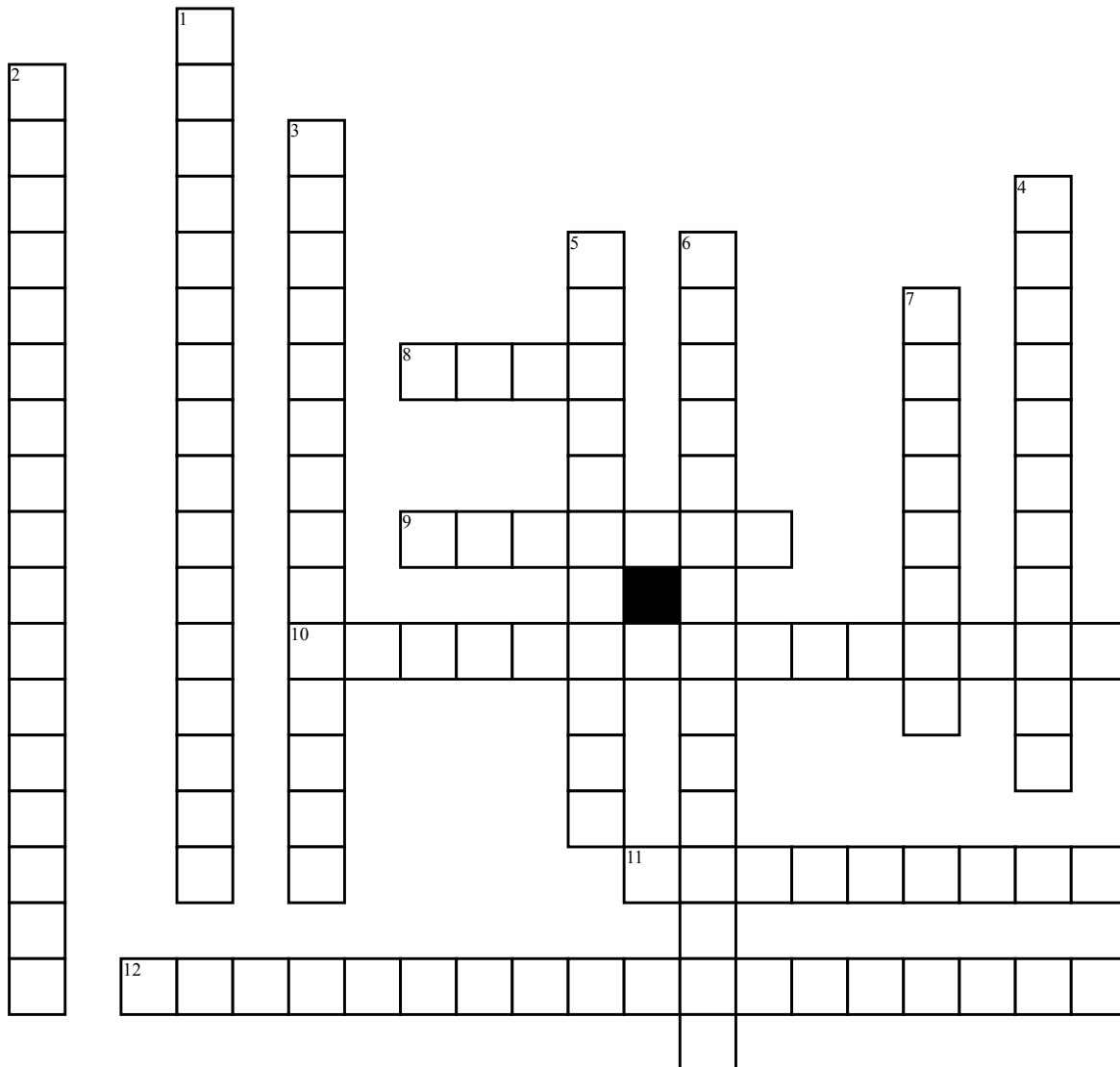


# Neurons and More



## Across

**8.** Neuronal process that carries the action potential

**9.** Specialized apposition between a neuron and its target cell for transmission of information

**10.** Electrical signal that travels along the axon

**11.** Certain level of membrane potential to be surpassed

**12.** Move ions into or out of cells against concentration gradient

## Down

**1.** Constant voltage across neuron membranes

**2.** Membrane potential is more negative

**3.** Membrane potential becomes more positive

**4.** Phase in which sodium permeability increases

**5.** Proteins that allow only certain ions to cross

**6.** Phase in which membrane potential is briefly more negative

**7.** Neuronal process arising from the nerve cell body that receives synaptic input