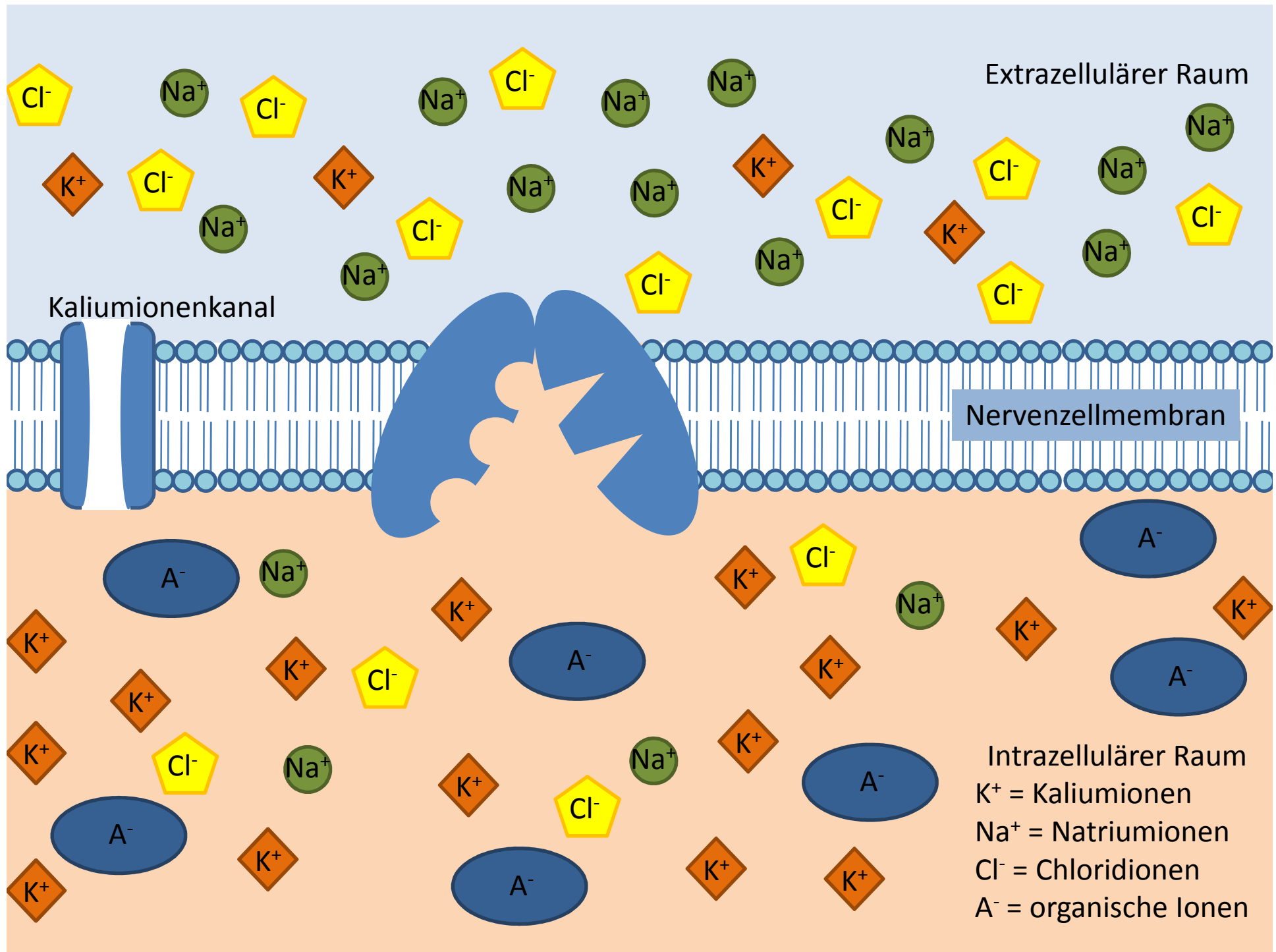
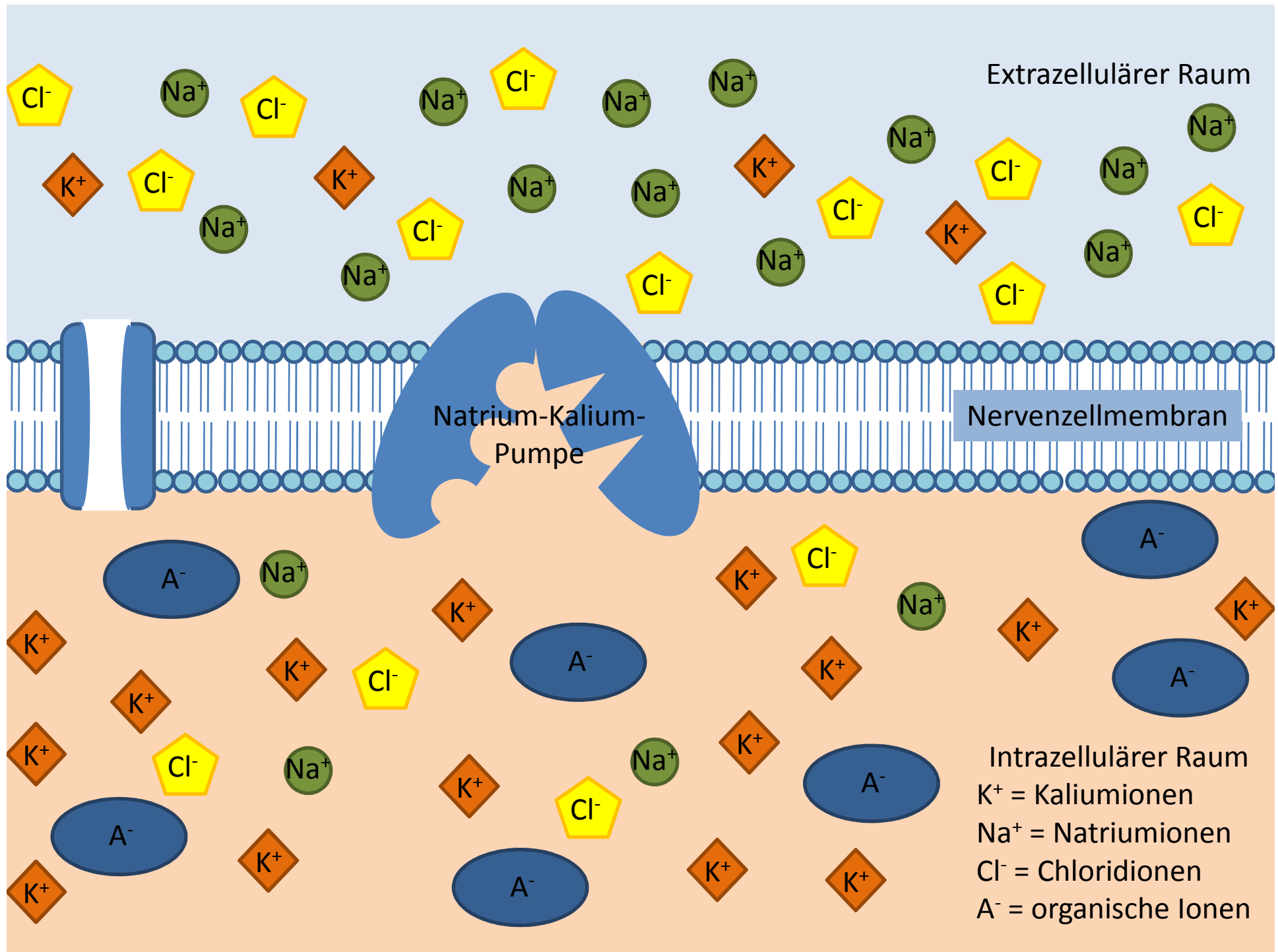
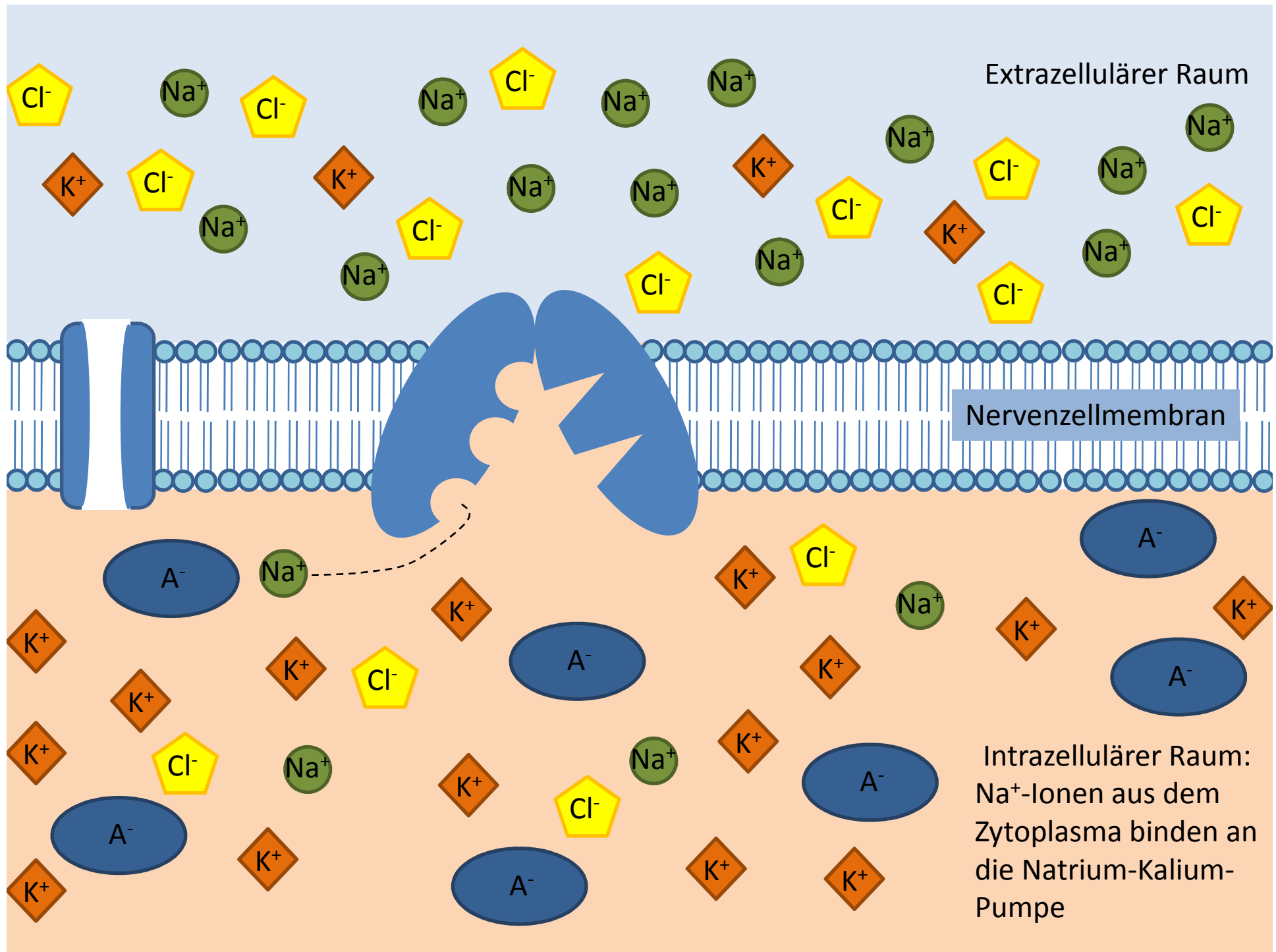


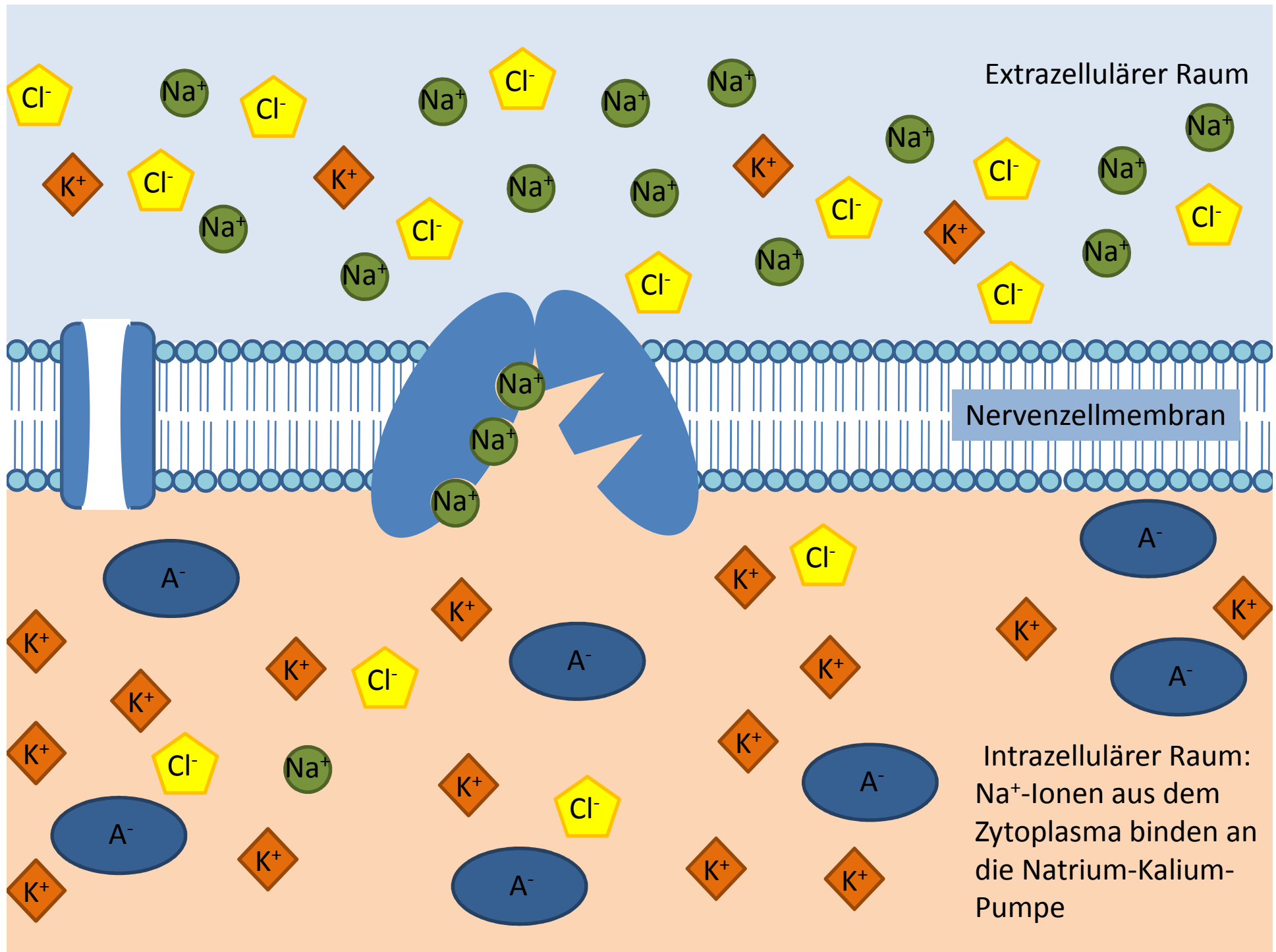
# Die Natrium-Kalium-Pumpe

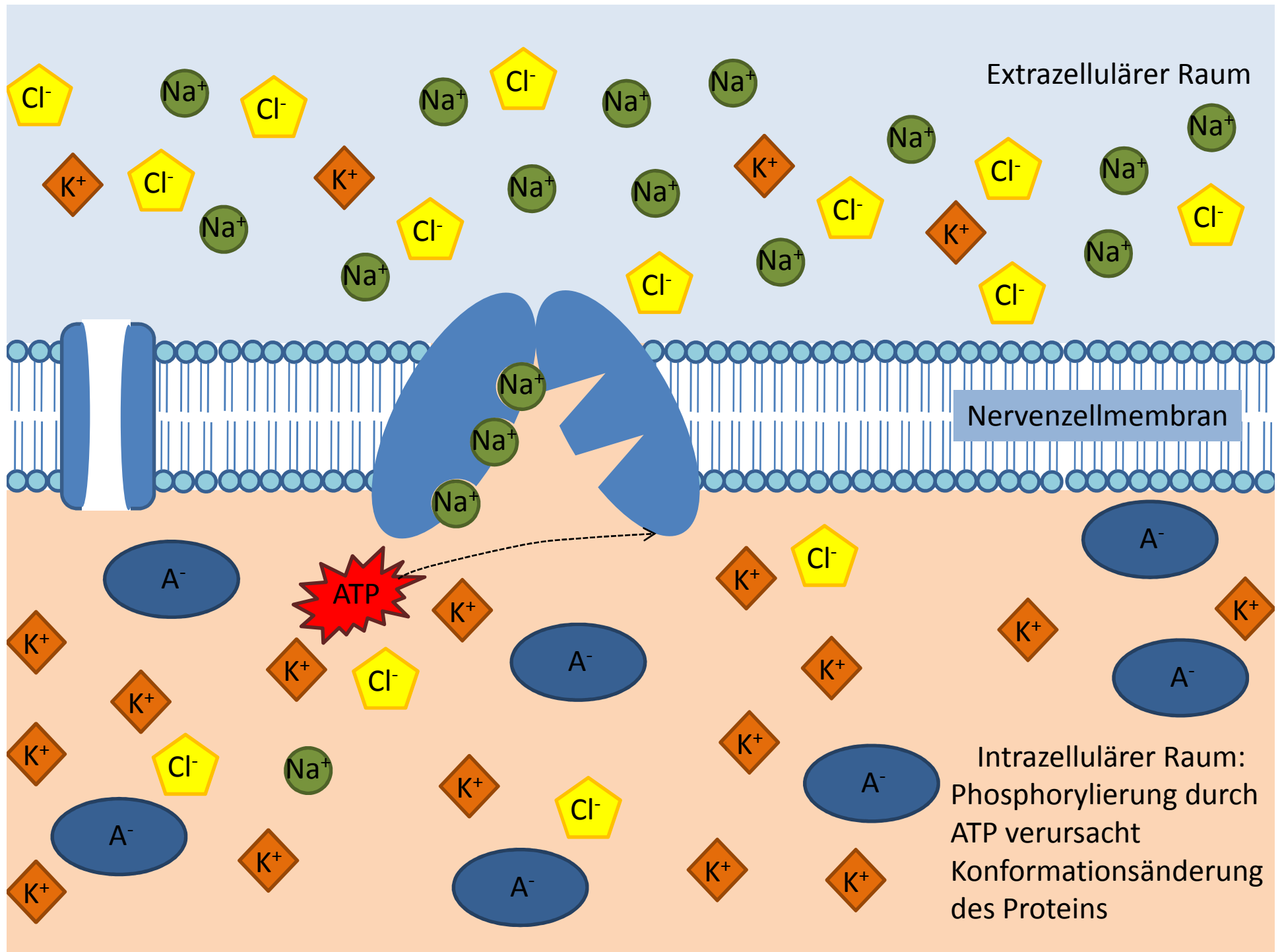
© Jürgen Rojacher

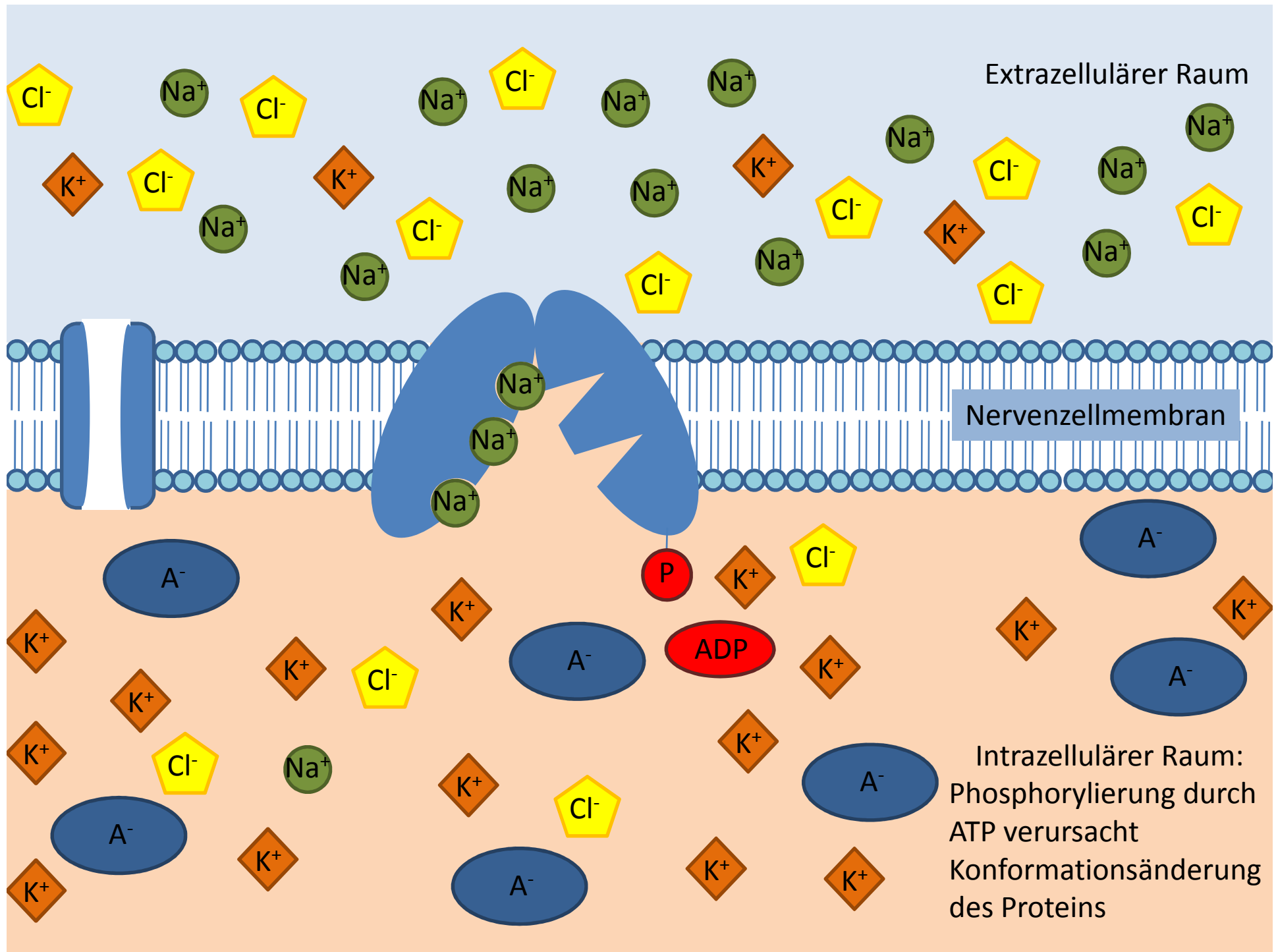








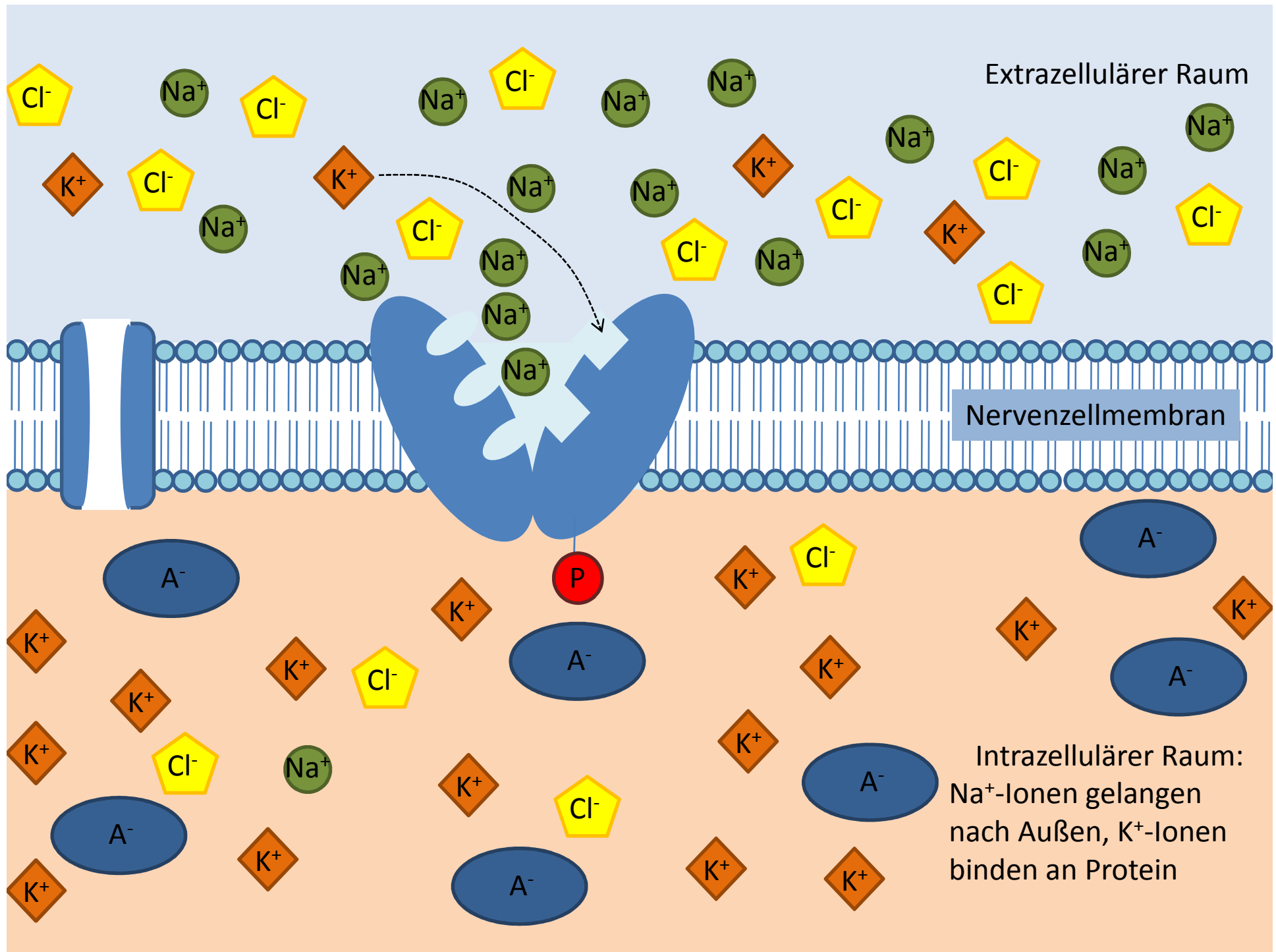




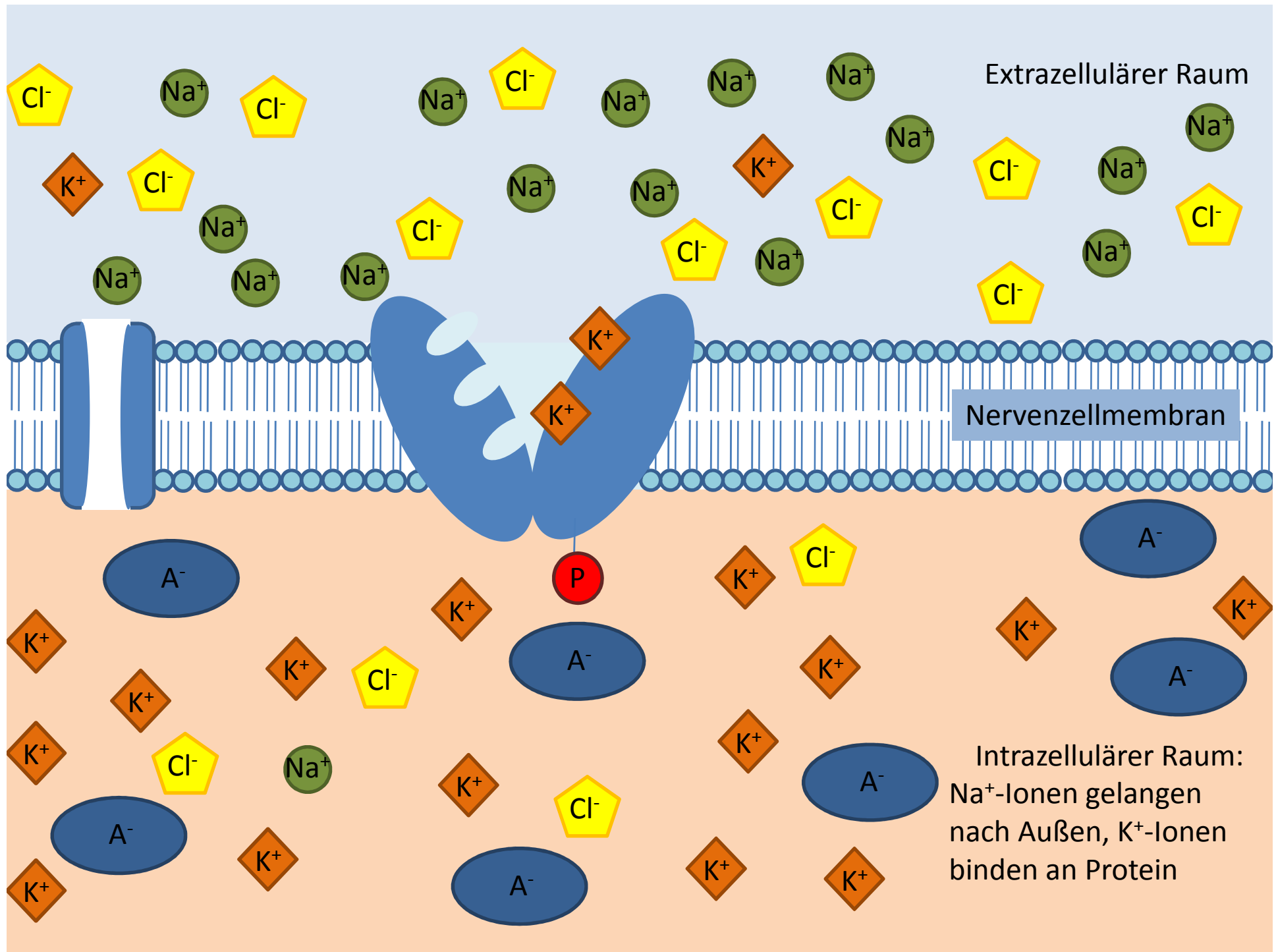
Extrazellulärer Raum

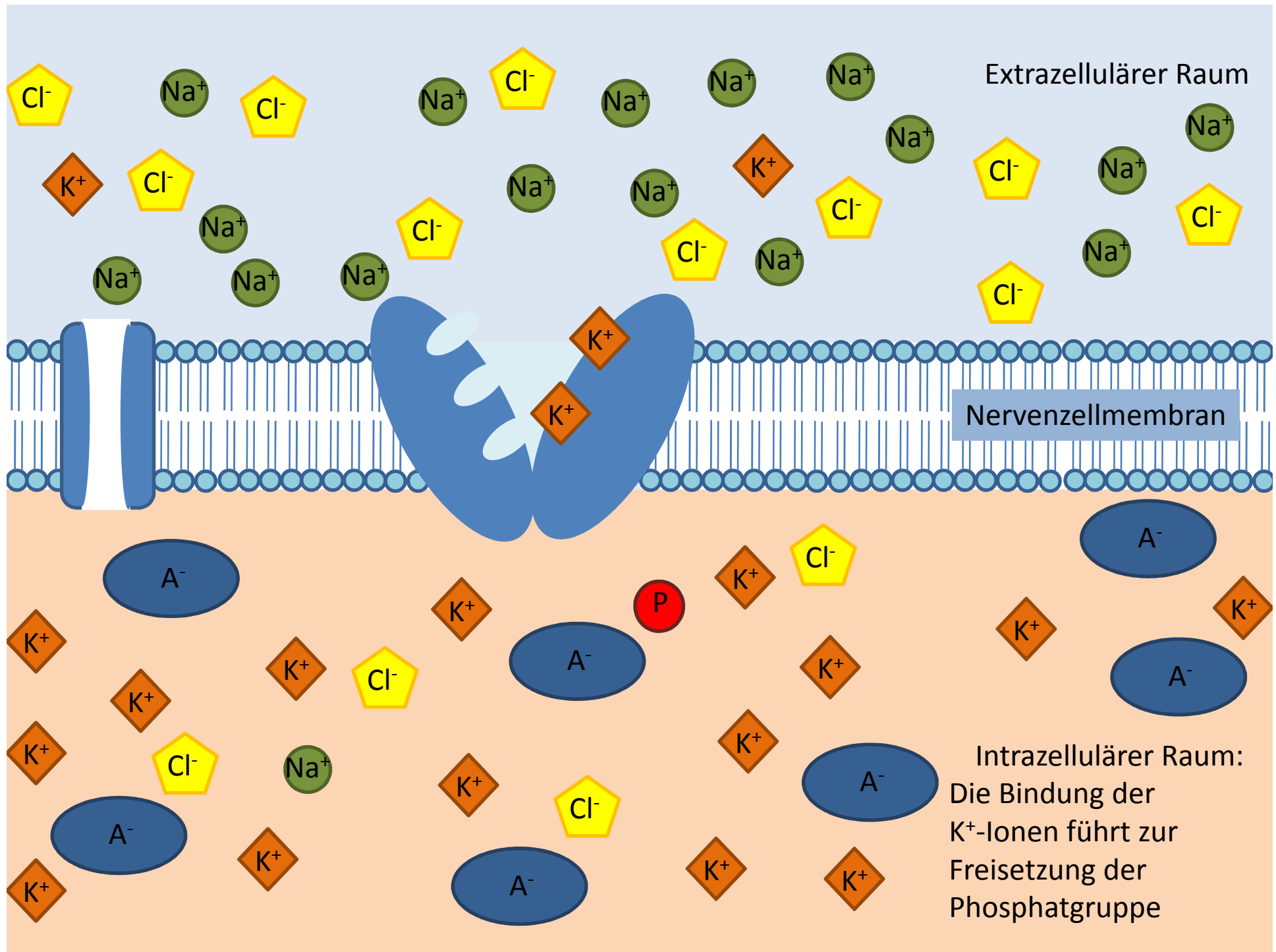
Nervenzellmembran

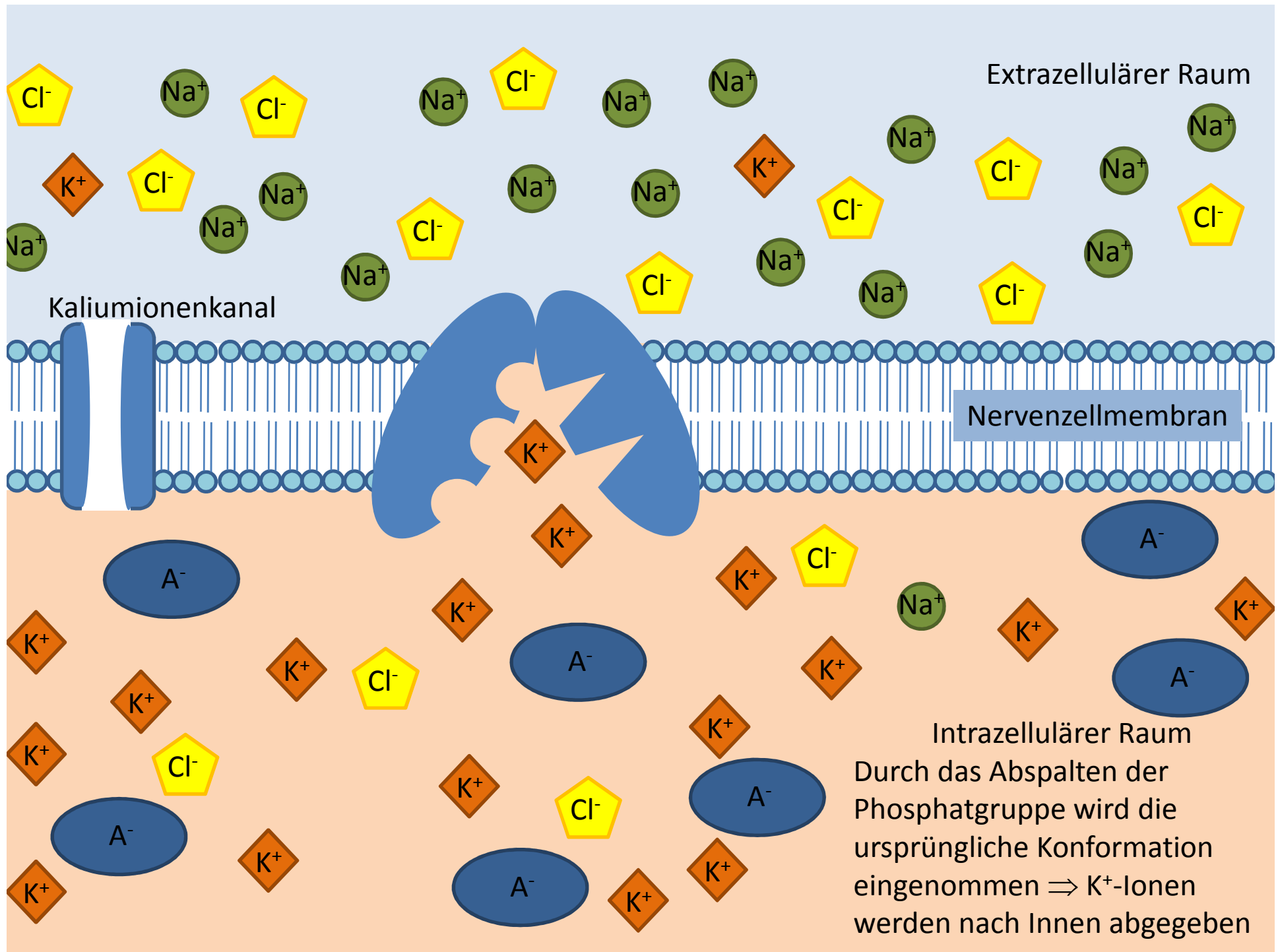
Intrazellulärer Raum:  
Phosphorylierung durch  
ATP verursacht  
Konformationsänderung  
des Proteins











Extrazellulärer Raum

Kaliumionenkanal

Nervenzellmembran

Intrazellulärer Raum  
Durch das Abspalten der Phosphatgruppe wird die ursprüngliche Konformation eingenommen  $\Rightarrow K^+$ -Ionen werden nach Innen abgegeben

