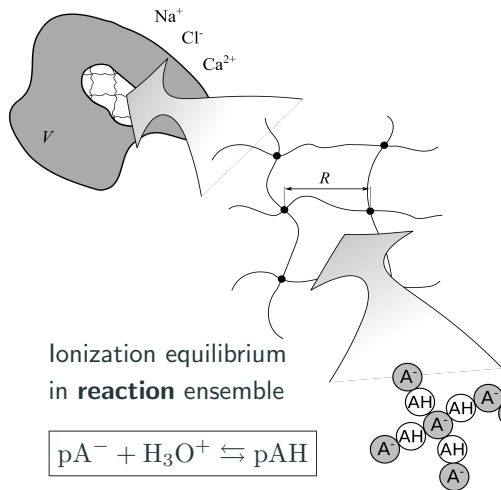


Grand-reaction ensemble.



Constant salinity

$$c_s = c_{Cl}^- = c_{Na}^+$$

The simulation box freely exchanges ions with reservoir as in **grand canonical** ensemble

Landsgesell, J., Hebbeker, P., Rud, O., Lunkad, R., Koovan, P., Holm, C. (2020). **Grand-Reaction Method for Simulations of Ionization**

Equilibria Coupled to Ion Partitioning. *Macromolecules*, 53(8), 30073020.

