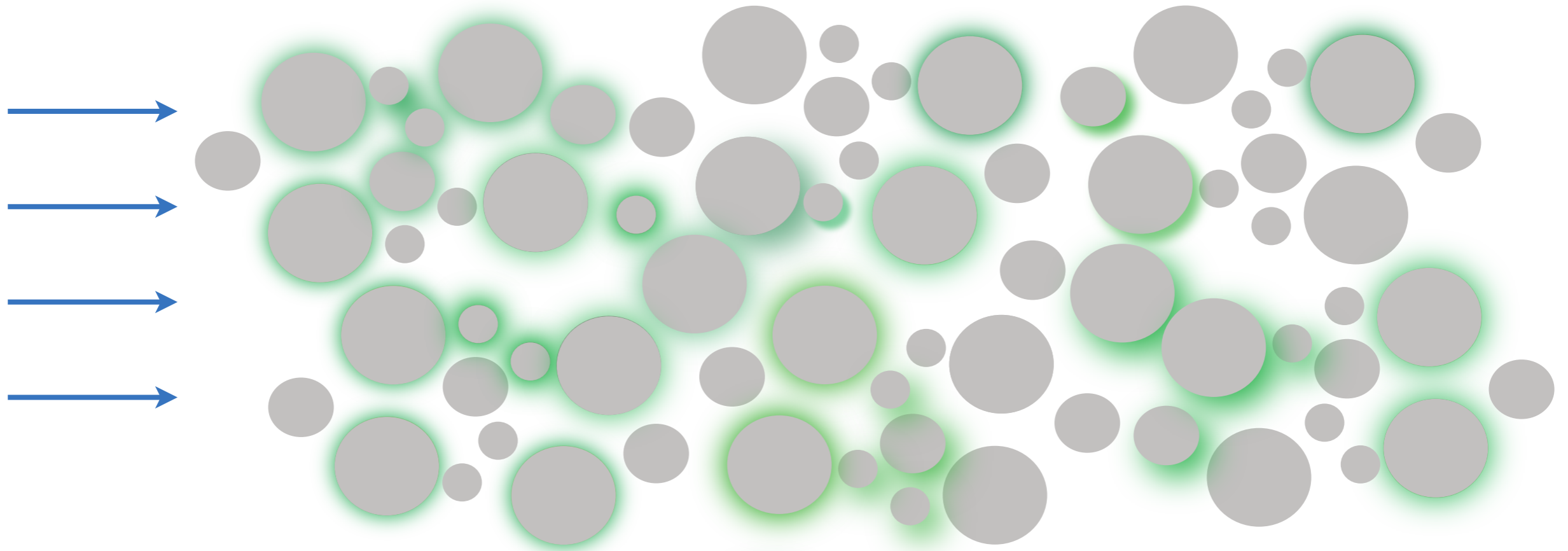


Non-motile bacteria → homogenous biomass → lower permeability



Motile bacteria → heterogenous biomass → higher permeability

