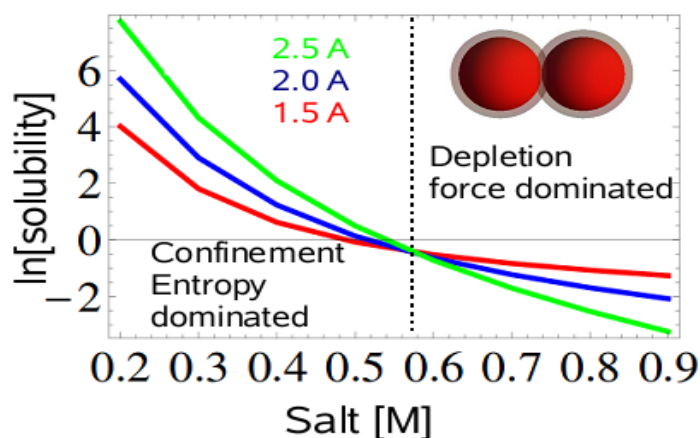
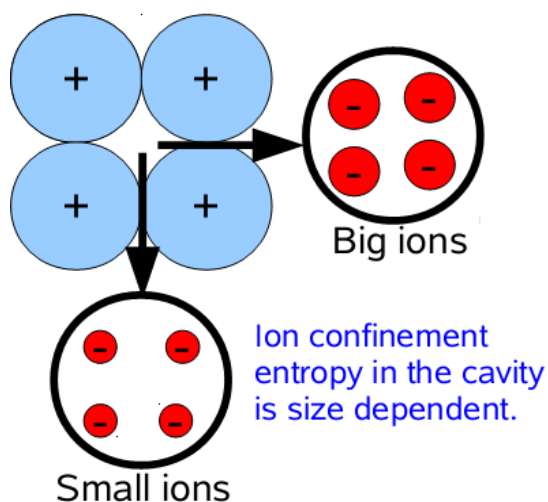


Yuba Raj Dahal, PhD (Kansas State University)

Research Interest: Salt mediated protein-protein interaction, Salt specific effect/Hofmeister effect, Self and directed assembly of biomolecules, Electrostatic effects in dielectrically heterogeneous media.

- Salt entropy affects on protein solubility. Big counter ions are unfavorable for protein aggregation at low salt concentration while they are favorable at high salt.



- Self assembly of molecules having conformational and orientational degrees of freedom: growth rate is non-monotonic due to a kinetic trap called self-poisoning.

