

Macromolecular ion-solvent interactions in charged droplets

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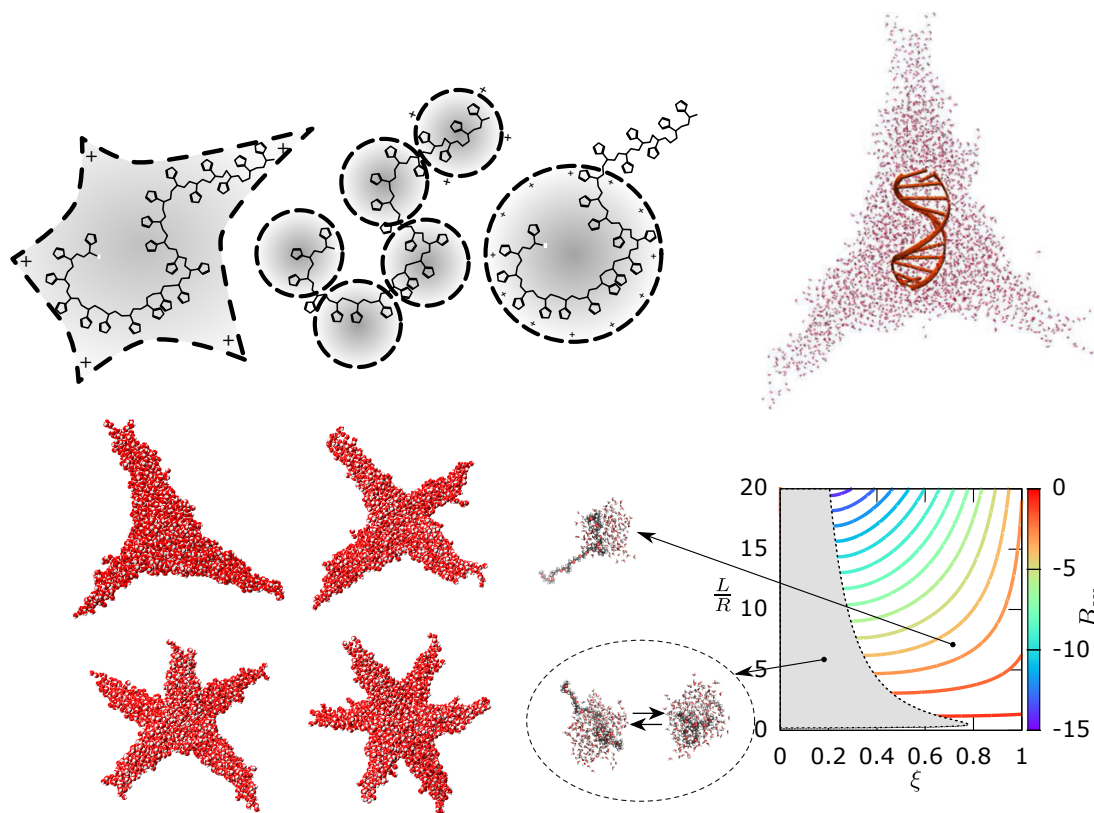


Figure 1: Droplet states in the presence of macromolecular ions (macroions) (top and bottom left panels) and phase diagram (bottom right panel) of the macroion extrusion from a droplet.

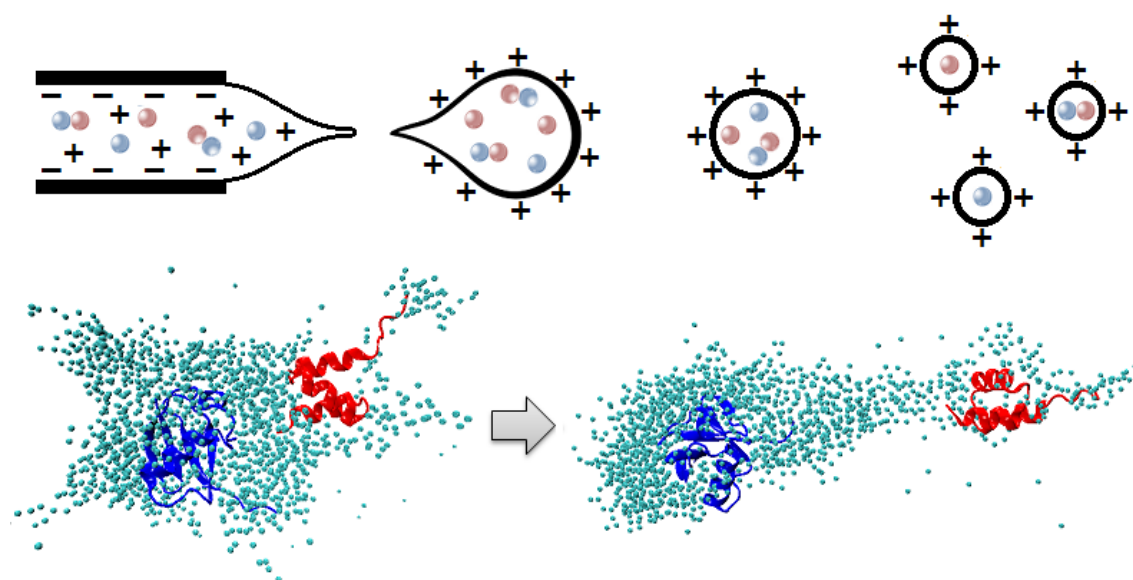


Figure 2: Top: Schematic picture of an electrosprayed plume. Bottom: A protein complex (blue and red chains) in an aqueous droplet (the water molecules are represented by the green spheres) at two states: dissociated (left) and separated by the droplet fission (right).