

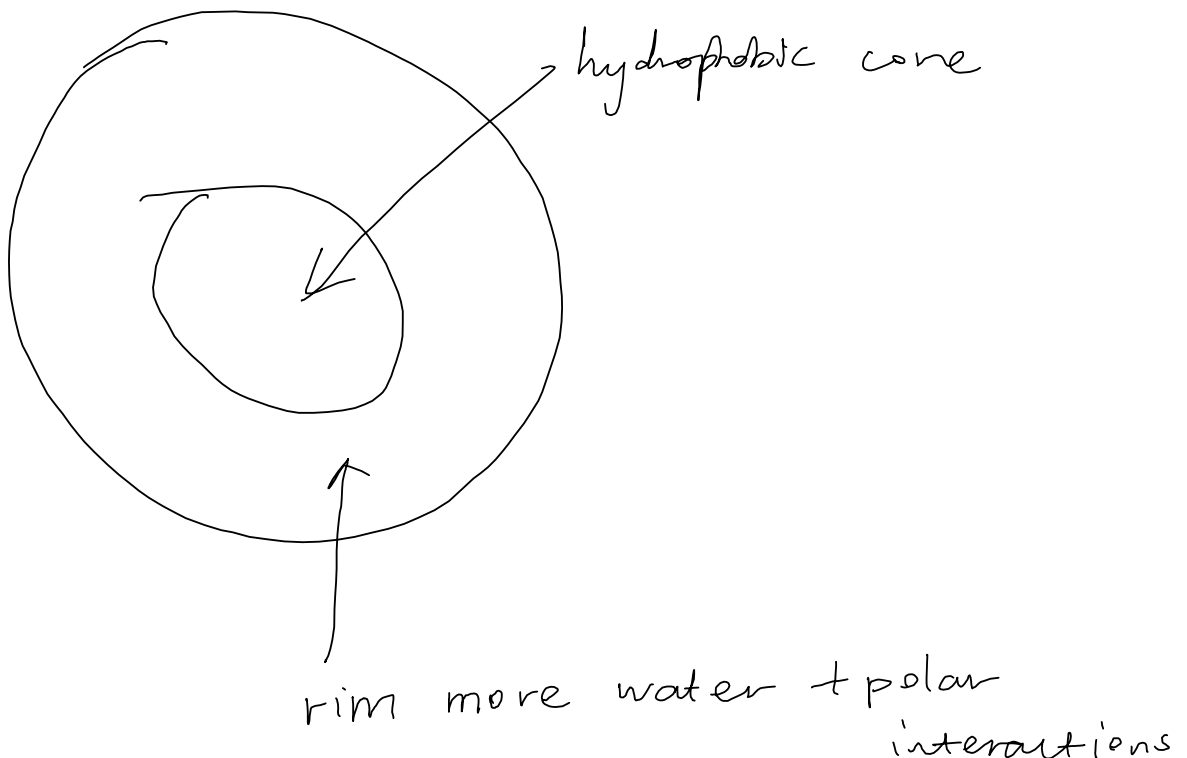
Examples with case studies *Link

permanent interfaces : very very hydrophobic

transient interfaces : less hydrophobic

(otherwise cannot exist
as monomers)

a little bit more than half hydrophobic



complementarity index

water improve complementarity

in low CI

eg. antibody-
antigen

Assess area of interface

buried surface area

Affinity { low: signalling
high: antibody

intrinsically disordered protein

Modes of binding {
- rigid body
- induced fit (intrinsically disordered
protein)
- change conformation then
bind (pre-equilibrium;
one conformation
higher affinity than
other conformation(s))

inherent
equilibrium

Conformational
selection

Ca^{2+}
calmodulin

FRET

Compare bound structure to apo form
→