Cooperative Binding of Metalloid to a Transcription Factor

Cooperativity in Binding of Two Ligands

The Bohr Effect in Hemoglobin
What is the physiological function of the Bohr effect?

Respiring cells

\[ \text{CO}_2 \downarrow \]

\[ \text{H}^+ \uparrow \]

\[ \text{Hb releases O}_2 \]

Cooperative Binding of Multiple Ligands: MWC Model

Unbound

\[ \text{Two conformations, } T \text{ and } R \]

Bound