

SECTION OVERVIEW

6: Dynamics and Kinetics

20: Protein Folding

20.1: Models for Simulating Folding

20.2: Perspectives on Protein Folding Dynamics

21: Binding and Association

21.1: Thermodynamics and Biomolecular Reactions

21.2: Statistical Thermodynamics of Biomolecular Reactions

21.3: DNA Hybridization

21.4: Biomolecular Kinetics

21.5: Diffusion-Limited Reactions

21.6: Protein Recognition and Binding

21.7: Forces Guiding Binding

21.8: Specificity in Recognition and Binding

22: Biophysical Reaction Dynamics

22.1: Concepts and Definitions

22.2: Computing Dynamics

22.3: Representations of Dynamics

22.4: Analyzing Trajectories

22.5: Time-Correlation Functions

23: Barrier Crossing and Activated Processes

23.1: Transition State Theory

23.2: Kramers' Theory

This page titled [6: Dynamics and Kinetics](#) is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by [Andrei Tokmakoff](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.