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Challenges in molecular recognition.

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Sommario/riassunto

Innovative and forward-looking, this volume focuses on recent achievements in this rapidly progressing field and looks at future potential for development. The first part provides a basic understanding of the factors governing protein-ligand interaction, followed by a comparison of the four key experimental methods (calorimetry, surface plasmon resonance, NMR and X-ray crystallography) used in generating interaction data. The second half of the book is devoted to in-silico methods of modeling and predicting molecular recognition and binding. Here, as elsewhere in the book, emphasis is place

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