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Imaging Soft Surfaces by SFM; Chapter 13. High-Speed Atomic Force Microscopy of Biomolecules in Motion; Chapter 14. Atomic Force Microscopy in Cytogenetics
Chapter 15. Atomic Force Microscopy in the Study of Macromolecular Interactions in Hemostasis and Thrombosis: Utility for Investigation of the Antiphospholipid SyndromeIndex

Sommario/riassunto

A complete examination of the uses of the atomic force microscope in biology and medicineThis cutting-edge text, written by a team of leading experts, is the first detailed examination of the latest, most powerful scanning probe microscope, the atomic force microscope (AFM). Using the AFM, in combination with conventional tools and techniques, readers gain a profound understanding of the cell, subcellular organelles, and biomolecular structure and function.The text begins with three chapters describing the molecular machinery and mechanism of cell secretion and membrane fus