

Bioanalytical Techniques

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Bioanalytical Techniques focuses on new as well as conventional bioanalytical and biophysical tools, emerging techniques, and instruments and probes the molecular aspects of biological systems. The primary aim is to provide the reader with the fundamentals and basic techniques such as sensors, separations, mass spectrometry, spectroscopy, arrays, microfluidics, etc. Biophysical techniques such as magnetic resonance; optical, electron and x-ray microscopy; x-ray and neutron techniques have also been introduced.

Bioanalytical Techniques offer vast possibilities to examine and explore biological systems (for example, proteomics, genomics, metabolomics, sequencing, screening, characterizing macromolecular interactions, or clinical applications) both in vivo and in vitro. Therefore, various DNA techniques are given in sufficient detail for the students as well as professionals.



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