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# **Reviews in Pharmaceutical and Biomedical Analysis**

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## About the eBook

This eBook contains coverage and review of new trends and applications in all areas of pharmaceutical, biomedical and analytical chemistry. The book covers important instrumental analytical methods that are applied to the analysis of compounds with pharmaceutical and biomedical interest.

### Contents

- Metabolomic Analysis of Natural Products
- Optimizing the Generalization Ability of Artificial Neural Networks in ELISA Protocols by Employing Different Topologies and GENETIC Operators
- Bioinformatics Tools for Mass Spectrometry-based Proteomics Analysis
- Current Methods for the Quantitative Analysis of Pharmaceutical Compounds from Whole Blood Matrix Using Liquid Chromatography Mass Spectrometry
- Microbial Cells and Biosensing: A Dual Approach Exploiting Antibodies and Microbial Cells as Analytical/Power Systems
- Electroanalytical Methods as Tools for Predictive Drug Metabolism Studies
- Sample Preparation Overview for the Chromatographic Determination of 1,4-Benzodiazepines in Biological matrices

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