DESCRIPTION

The Journal of Chromatography B publishes papers on developments in separation science relevant to biology and biomedical research including both fundamental advances and applications. Analytical techniques which may be considered include the various facets of chromatography, electrophoresis and related methods, affinity and immunoaffinity-based methodologies, hyphenated and other multi-dimensional techniques, and microanalytical approaches. The journal also considers articles reporting developments in sample preparation, detection techniques including mass spectrometry, and data handling and analysis.

Developments related to preparative separations for the isolation and purification of components of biological systems may be published, including chromatographic and electrophoretic methods, affinity separations, field flow fractionation and other preparative approaches.

Applications to the analysis of biological systems and samples will be considered when the analytical science contains a significant element of novelty, e.g. a new approach to the separation of a compound, novel combination of analytical techniques, or significantly improved analytical performance. Areas to be considered include:

- The qualitative and quantitative analysis of biopolymers including proteins, monoclonal antibodies, peptides and their post-translational modifications as well as nucleic acids and glycans
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- The screening and profiling of body fluids, tissues, cells, biological matrices and systems, analysis of endogenous compounds, biomarkers
- Identification of new bioactive compounds

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AUDIENCE
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INTRODUCTION
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