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 immunoadfinity-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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AUDIENCE

Analytical Chemists, Biochemists, Clinical Chemists, Toxicologists. All those concerned with the analysis or preparation of endogenous or exogenous components in biological matrices, or in the interactions of these compounds.

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INTRODUCTION
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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
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