Description

Journal of Applied Bioanalysis is a high-quality, peer-reviewed, international open-access journal solely dedicated to Bioanalysis. The journal publishes original research, critical review papers and short papers in the exciting field of Bioanalysis. The objective of the journal is to provide information of immediate relevance to scientists working in Bioanalysis. The primary scope of the journal covers any field of Bioanalysis applied in areas including pharmaceutical, biotechnology, clinical, environmental, medical, and omics sciences (i.e. genomics, transcriptomics, proteomics and metabolomics), and biopolymers research are welcome for submission.

Audience

Analytical Chemists, Biochemists, Clinical Chemists, Toxicologists, Pharmaceutical Scientists, Life Science Scientists. All scientists concerned with the analysis or preparation of endogenous or exogenous components in biological matrices, or in the interactions of these compounds in biological systems and disease and health.

Aims and Scope

The Journal of Applied Bioanalysis journal welcomes the submission of articles on all aspects of bioanalytical methodologies, techniques, sample treatment, theory, innovative instrumental developments and/or improvement and education.

Manuscripts describing the application of routine methods or straightforward extension of these methods to new sample matrices will per definition not be considered for publication unless a certain degree of novelty is highlighted by the authors that demonstrate a clear and quantifiable advantage over existing routine methodologies.

Article types published in the journal include Editorial, Critical Review, Research, Opinion, Expert Communication, Rapid Communication, Special Reports, Letters-to-the-Editor, and Application Notes. Manuscripts should properly present statistical treatment of the observed results. Relevant literature references should be cited applying the journal’s reference style. Manuscripts will be submitted to double-blind peer-reviewing by independent experts.

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- Data processing, automation, and miniaturization
- Mass spectrometric technology
- Immuno-assays and ligand-binding assays
- Drug metabolism studies and pharmacokinetics and pharmacodynamics
- Life sciences (“omics”- sciences)
- Bioanalytical guidelines and regulatory issues
- Instrumentation developments and/or improvements, novel hypotheses and methods
- Education in bioanalytical chemistry
Journal Abbreviation and ISSN
The correct abbreviation of the Journal of Applied Bioanalysis for indexing and abstracting purposes is J. Appl. Bioanal.
The International Standard Serial Number (ISSN) is: 2405-710X

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Introduction
The introduction should explain the rationale behind the current study, placing the reported research topic within the context of the current research landscape. Authors should summarize and cite previous research relevant to presented work. The introduction section should clearly pose the research question, describe the experimental design, and outline the authors’ hypothesis.

Experimental Section
Materials and Methods
This section should contain a clear and concise description of the applied materials and methods applied. Materials described in this section should be chemicals, instrumentations, software, guidelines etc. All material suppliers should be presented with their company name, country, and city.
Results and discussion
This section should present the collected data and analysis and discussion of the obtained data. Results for all measures should be reported in a concise, straightforward manner, using tables or figures when appropriate. Duplication of information that is presented in tables or figures should be minimal in the text, and all results should be reported in the text, rather than figure captions. We encourage authors to include results from statistical tests to confirm data quality. Authors should discuss the findings in the context of the research question initially posed. The discussion of results should also explore the broader implications and significance of the findings, as well when appropriate specific recommendations for the direction of future research on the topic.

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Funding
This work was supported by the National Institutes of Health [grant numbers xxxx, yyyyy].

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