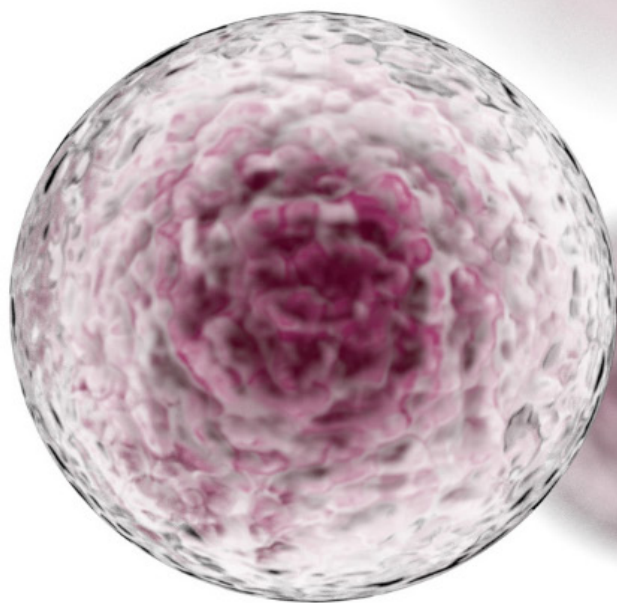


eISSN 2405-710x

BSP



Journal of Applied Bioanalysis

Guidelines for Authors



Description

Journal of Applied Bioanalysis is a high-quality, peer-reviewed, international open-access journal 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.

Journal 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, Expert Interviews 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.

Manuscripts detailing fundamental research on following but not limited too are encouraged:

- Separation sciences and hyphenated techniques in bioanalysis
- Sample preparation techniques and collection
- Data processing, automation, and miniaturization
- Mass spectrometric technology
- Immunoassays and ligand-binding assays
- Drug metabolism studies and pharmacokinetics and pharmacodynamics
- Life sciences ("omics"- sciences)
- Biotechnology, incl. Bioassays applied in Cell and Gene Therapy
- 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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Ensure that the following items are present:

One author has been designated as the corresponding author with contact details:

- E-mail address and complete postal address author's affiliation.

All necessary files have been uploaded:

- Cover letter

Manuscript

- Include keywords (4-6)
- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
- Ensure all figure and table citations in the text match the files provided
- Supplemental files (where applicable)

Further considerations

- Manuscript has been 'spell checked' and 'grammar checked'
- All references mentioned in the Reference List are cited in the text, and vice versa
- Permission has been obtained for use of copyrighted material
- Journal policies detailed in this guide have been reviewed
- Referee suggestions (max. 3) and contact details provided, based on journal requirements

Cover Letter

The corresponding author of the manuscript must provide a supporting Cover Letter together with the submission of the manuscript. The cover letter should describe the potential relevance of the article to the journal's audience;

- The novelty of the studied subject and potential immediately or future implications of in the manuscript reported finding(s).

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Running title is an abbreviated form of the article title and is max. 50-60 characters long incl. spaces.

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These sections with respective 4 headings are **objectives, methods, results, and conclusions**. The abstract should be concise describing briefly the purpose of the research, the principal results, and major conclusions. It should not be longer than 150 words and not contain references.

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Four to six relevant keywords should be listed directly under the abstract on the same page. Authors should avoid general and plural terms and use no abbreviations: only abbreviations firmly established in the field are allowed (e.g. LC-MS, ELISA, mAB etc.).

Abbreviations

Define abbreviations that are not standard in this field in a footnote to be placed on the first page of the article. Such abbreviations that are unavoidable in the abstract must be defined at their first mention there, as well as in the footnote. Ensure consistency of abbreviations throughout the article.

Main Text Body

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 meth-

ods 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.

Conclusions

The authors should present in this section essentially the 'take-home' message of a paper. Conclusions are not allowed to be an extension of the results and discussion section or summarize to a certain extent the results. Authors can choose to list important results in form of a bulleted list. The conclusion section must not contain references for in the manuscript text body cited literature.

Acknowledgments

Authors should summarize acknowledgments in a separate section at the end of the manuscript before the reference section. Listed should be here individuals who provided help during the research activities (e.g., providing language help, writing assistance or proof reading the article, etc.) and who are eligible to be a co-author of the manuscript.

Funding

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

References

Every citation in the text should be listed in the reference list, and vice versa. Note that online sources should be cited in the same manner as print sources (i.e., author and date in parentheses). References should be formatted in accordance with the journal style.

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Koster RA, Touw DJ, Alffenaar JW. Dried blood spot analysis: facing new challenges. *J Appl Bioanal* 1(2), 38-41 (2015).

Authored book:

G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: *Introduction to the Electronic Age*, B.S. Jones, R.Z. Smith (Eds.), E-Publishing Inc., New York, USA, pages. 281–304. (2009).

Online source:

Otis B, Parviz B. Introducing our smart contact lense project (2014). <http://aooalebloa.bloaspot>.

com.es/2014/01/introducing-our-smart-contact-lens.html (Accessed on yy/mm/dd)

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A caption should be concise and describe only what is shown in the figure itself. Results should not be summarized in figure captions. Each caption should begin with a sentence fragment that serves as a title and covers the entire content of the figure (not just selected panels). All the text following this fragment should be in complete sentences.

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Figures should **NOT** be embedded into the manuscript text instead the position of the figure can be described by inserting the figure number (i.e. Figure 1.). The figures have to be placed on separate pages when possible. More than one picture on one page is possible as long as they keep their clarity for reviewers. Photographic images or photos of the experimental setup should be submitted in standard image formats, like JPEG or PNG. To avoid images appearing blurry or pixelated in print, use a minimum resolution of 300 pixels per inch. Do not submit images in TIFF format.

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Tables should be editable and created using the tables function in Microsoft Word or other text editor program rather than using tabs to separate columns. There should be no empty rows or columns. Tables should NOT be embedded in the manuscript text but placed on separate pages when possible. More than one table on one page is possible as long as they keep their clarity for reviewers. The desired position of the tables into an article can be described by inserting the table number (i.e. Table 1.) into the manuscript text. Tables must be numbered in the order in which they are referred to in the text. All tables must be referred to in the text, and the text needs to give a full indication of the information that is included in every table.

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*p < .05, **p < .01. [If asterisks (or daggers) are used to indicate results of tests of significance, the symbols are explained here.]

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Authors should preferably construct chemical structures through the use of ISISDraw or Chem-Draw software and formats. Mandatory are:

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Editorials are short articles that provide an insight into or overview of issues of particular importance to the journal's audience. The intention of an Editorial article is to give an expert perspective on a topic of interest. The editorial article has a limited word count (1000-1750 words) and for a more detailed discussion, Expert Opinion or Expert Commentary articles can be used. These article types should discuss a scientific issue as also possibly present potential solutions to the discussed issue.

Conference Reports

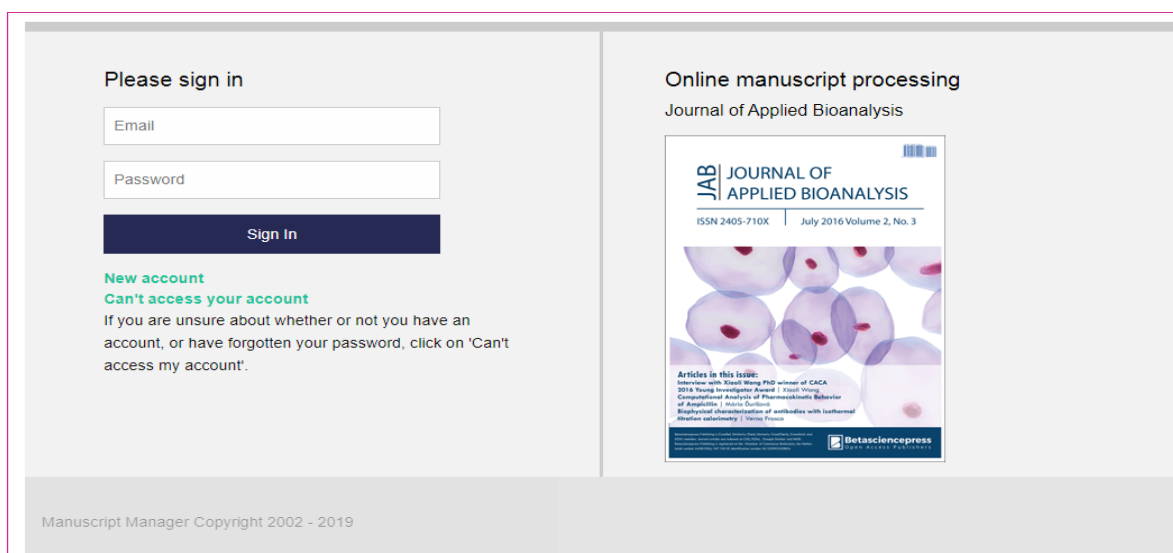
Conference reports summarize regular research and keynote presentations presented at a recently held Congress or meeting. Full coverage of the conference or a specific focus on presentations that are most interesting and present new technologies.

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Review articles are articles written, to sum up, the current state of the research on a particular topic. Review articles should be a focus on the key subject and not provide a comprehensive literature overview but critically discuss scientific findings, conclusions, and missing facts. Reviews should provide a balanced overview of the reviewed topic or field and not focus predominantly on the author's own research. Authors are encouraged to include their own thoughts on current views and trends but also they should have a view of future directions.

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 - (Short) description of the technology underlying the product information on the format in which the product is available (such as additional reagents available, controls, an interface for instruments, etc.)
 - Flexibility of application
 - Product performance (sensitivity, specificity, reproducibility, robustness)
 - Conclusion
 - Display Items (figures, tables)
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Every paper must be accompanied by a letter from the senior author, stating that he/she is submitting the paper for publication in the Journal of Applied Bioanalysis.

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Editorial	1000-1750	no	4-6	25	none
Commentary	1500-3500	no	4-6	25	none
Letter-to-Editor	1500-2000	no	none	25	none
Opinion	1000-2000	no	4-6	25	none
Short Communication	2000-2500	150	4-6	25	8
Review	4000-8000	150	4-6	150	8
Perspective	4000-8000	150	4-6	150	8
Original research	4500-8500	150	4-6	150	8
Conference report	1500-3500	150	none	25	8
Application Note	1000-2000	120	none	5	4

