

## Instruction for Authors

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### Scope

*Biomedical Glasses* is an international Open Access-only journal covering the field of glasses for biomedical applications. The aim of the journal is to provide a peer-reviewed forum for the publication of original research reports and authoritative review articles related to the development of biomedical glasses and their use in clinical applications. The scope of the journal covers the science and technology of glasses and glass-based materials intended for applications in medicine and dentistry. It includes:

- *Chemistry, physics, structure, design and characterization of biomedical glasses,*
- *Surface science and interactions of biomedical glasses with aqueous and biological media,*
- *Modeling structure and reactivity of biomedical glasses and their interfaces,*
- *Biocompatibility of biomedical glasses,*
- *Processing of biomedical glasses to achieve specific forms and functionality,*
- *Biomedical glass coatings and composites,*
- *In vitro and in vivo evaluation of biomedical glasses,*
- *Glasses and glass-ceramics in engineered regeneration of tissues and organs,*
- *Glass-based devices for medical and dental applications,*
- *Application of glasses and glass-ceramics in healthcare.*

### Editorial Policy

#### Unpublished material

Submission of a manuscript implies that the work described is not copyrighted, published or submitted elsewhere, except in abstract form. The corresponding author should ensure that all authors approve the manuscript before its submission.

#### Conflict of interest

When authors submit a manuscript, they are responsible for recognizing and disclosing financial and/or other conflicts of interest that might bias their work and/or could inappropriately influence his/her judgment. If no specified acknowledgement is given, the Editors assume that no conflict of interest exists.

#### Copyright

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#### Authorship

Authorship should be limited to those who have made a significant contribution to the conception, design, execution, or interpretation of the reported study. All those who have made significant contributions should be listed as co-authors. Where there are others who have participated in certain substantive aspects of the research project, they should be named in an Acknowledgement section.

#### Peer Review process

The Editors reserve the right to decline the submitted manuscript without review, if the studies reported are not sufficiently novel or important to merit publication in the journal. Manuscripts deemed unsuitable (insufficient originality or of limited interest to the target audience) are returned to the author(s) without review. The Editor seeks advice from experts in the appropriate field. Research articles and communications are refereed by a minimum of two reviewers, review papers by at least three. The journal uses double-blind peer review model. Authors are requested to suggest persons competent to review their manuscript. However, please note that this will be treated

only as a suggestion, and the final selection of reviewers is exclusively the Editor's decision. The final decision of acceptance is made by Managing Editor or, in case of conflict, by the Editor-in-Chief.

### Scientific Misconduct

This journal publishes only original manuscripts that are not also published or going to be published elsewhere. Multiple submissions/publications, or redundant publications (re-packaging in different words of data already published by the same authors) will be rejected. If they are detected only after publication, the journal reserves the right to publish a Retraction Note. In each particular case Editors will follow [COPE's Code of Conduct](#) and implement its advice.

### Electronic Submission

**Biomedical Glasses** encourages the submission of both substantial full-length bodies of work and shorter manuscripts that report novel findings. There are no specific length restrictions for the overall manuscript or individual sections; however, we urge the authors to present and discuss their findings in a concise and accessible manner. All submitted manuscripts must be written in English language.

Manuscripts submitted under multiple authorship are reviewed on the assumption that all listed authors concur in the submission and are responsible for its content; they must have agreed to its publication and have given the corresponding author the authority to act on their behalf in all matters pertaining to publication. The corresponding author is responsible for informing the coauthors of the manuscript status throughout the submission, review, and production process.

All submissions must be made via online submission system Editorial Manager. In case of problems, please contact the Editorial Office of this journal ([bioglasses.editorial@degruyteropen.com](mailto:bioglasses.editorial@degruyteropen.com)).

### Publication Formats

**Biomedical Glasses** considers submissions of:

- Research Article – The default format for reporting research results. There is no length restriction.
- Review Article – Used to submit literature reviews on a topic of interest. The article should contain a broad, balanced and fair perspective of the topic, identifying trends and/or gaps in the literature or providing a new synthesis of existing literature. Reviews should be scientifically sound and should describe the most relevant and recent contributions.
- Mini-Review Article – A shorter form of a Review Article intended for a brief analysis of a focused topic on advances in the field. It discusses recent experimental research, highlights recent developments in fast-moving areas and suggests areas that require additional research.
- Communication – This format is intended for the presentation of brief observations that do not warrant full-length papers. An empirical report resulting from analysis of collected data to address one or more research questions and/or hypotheses.

### Electronic Formats Allowed

We accept submission of text, tables and figures as separate files or as a composite file. For your initial submission, we recommend you upload your entire manuscript, including tables and figures, as a single PDF file. If you are invited to submit a revised manuscript, please provide us with individual files: an editable text and publication-quality figures.

- Text files can be submitted in the following formats:
  - ❖ MS Word – standard DOCUMENT (.DOC)
  - ❖ RICH TEXT FORMAT (.RTF)
  - ❖ PDF (not applicable for re-submitted or accepted manuscripts, see below).
- Tables should be submitted as MS Word or PDF (not applicable for re-submitted or accepted manuscripts, see below). Please note that a straight Excel file is not an acceptable format.
- Graphics files can be submitted in any of the following graphic formats: EPS; BMP; JPG; TIFF; GIF or PDF. Please note that Powerpoint files are not accepted.

Post-acceptance, text files of the revised manuscript and tables are required for use in the production. Authors should clearly indicate the location(s) of tables and figures in the text if these elements are given separately or at the end of the manuscript. If this information is not provided to the editorial office, we will assume that they should be left at the end of the text.

### **First-Time Submission of Manuscripts**

It is important that authors include a cover letter with their manuscript. Please explain why you consider your manuscript to be suitable for publication in **Biomedical Glasses**, why your paper will inspire the other members of your field, and how will it drive academic discussion forward.

### **Submission of Revised Articles**

Resubmitted manuscripts should be accompanied by a letter outlining a point-by-point response to Editor's and reviewers' comments and detailing the changes made to the manuscript. A copy of the original manuscript should be included for comparison if the Editor requests one. If it is the first revision, authors need to return the revised manuscript within 28 days; if it is the second revision, authors need to return the revised manuscript within 14 days. Additional time for resubmission must be requested in advance. If the above mentioned deadlines are not met, the manuscript will be treated as a new submission.

For resubmitted manuscripts, please provide us with an editable text and publication-quality figures. Supply any figures as separate high-resolution, print-ready digital versions.

In addition to the editorial remarks, authors are asked to take care that they have prepared the revised version according to the Journal's style.

## Organization of the Manuscript

We draw particular attention to the importance of carefully preparing the title, keywords and abstract, as these elements are indicators of the manuscript content in bibliographic databases and search engines.

### **Title**

We suggest the title should be informative, specific to the project, yet concise (75 characters or fewer). Please bear in mind that a title that is comprehensible to a broad academic audience and readers outside your field will attract a wider readership. Avoid specialist abbreviations and non-standard acronyms. Titles should not be presented in title case (words should not be capitalized). Please also provide a brief "running title" of not more than 50 characters.

### **Authors, Affiliations, Addresses**

In the cover letter, provide the first names (or initials – if used), middle names (or initials – if used), and surnames for all authors. Affiliations should include:

- Department
- University or organization
- City
- Postal code
- State/province (if applicable)
- Country

One of the authors should be designated as the corresponding author to whom inquiries regarding the paper should be directed. It is the corresponding author's responsibility to ensure that the author list and the summary of the author contributions to the study are accurate and complete.

### **Abstract**

The abstract should not exceed 200 words. The abstract should give a summary of the content of the paper. Mention the main findings without going into methodological detail and summarize briefly the most important items of the paper. Because the abstract will be published separately by abstracting services, it must be complete and understandable without reference to the text.

## Keywords

List keywords for the work presented (maximum of 5), separated by commas. We suggest that keywords do not replicate those used in the title.

## Introduction

The introduction should put the focus of the manuscript into a broader context and should supply sufficient background information to allow the reader to understand and evaluate the results without referring to previous publications on the topic. As you compose the introduction, think of readers who are not experts in this field. Include a brief review of the key literature - use only those references required to provide the most salient background rather than an exhaustive review of the topic. Relevant controversies or disagreements in the field should be mentioned so that a non-expert reader can delve into these issues further. The introduction should conclude with a brief statement of the rationale for the study, the hypothesis that was addressed or the overall purpose of the experiments reported, and should provide a comment about whether that aim was achieved.

## Methods

This section should include sufficient technical information to enable the experiments to be reproduced. Protocols for new methods or significant modifications to existing methods should be included, while previously published or well-established protocols should only be referenced. Describe new methods completely and give sources of unusual chemicals, equipment, strains etc. Studies presented should comply with our recommendations for distribution of materials and data. In theoretical papers comprising the computational analyses, technical details (methods, models applied or newly developed) should be provided to enable the readers to reproduce the calculations). The Methods section should contain statements on informed consent, and the authorization for the use of human subjects or experimental animals, as appropriate. For details and examples of statements please see [“Author’s Statements”](#).

## References

We use **APA 6<sup>th</sup> edition formatting style** for citations. Therefore citations should be put within the text in parentheses, eg. (Dionne, Schneider, 2002).

References should be listed in the alphabetical order in the end of the paper. A complete reference should give the reader enough information to find the relevant article. Please pay particular attention to spelling, capitalization and punctuation.

Please use the following style (**APA 6<sup>th</sup> edition**) for the reference list:

### Published Papers

Kulig, P., Zabel, B. A., Dubin, G., Allen, S. J., Ohyama, T., Potempa, J., Handel, T. M., Butcher, E. C., Cichy, J. (2007). Staphylococcus aureus-derived staphopain B, a potent cysteine protease activator of plasma chemerin. *Journal of Immunology*, 178, 3713-3720.

### Accepted Papers

Kulig, P., Zabel, B. A., Dubin, G., Allen, S. J., Ohyama, T., Potempa, J., Handel, T. M., Butcher, E. C., Cichy, J. (in press). Staphylococcus aureus-derived staphopain B, a potent cysteine protease activator of plasma chemerin. *Journal of Immunology*.

### Electronic Journal Articles

Dionne M. S., Schneider D. S. (2002). Screening the immune system. *Genome Biology*. <http://genomebiology.com/2002/3/4/reviews/1010>.

### Books and book chapters

Sambrook, J., Russell, D. W. (2001). *Molecular cloning - a laboratory manual* (3rd ed.), New York: Cold Spring Harbor Laboratory Press.



#### Theses

Agutter A. J. (1995). Analysis of sigma factors in *S. aureus* (PhD thesis). Edinburgh: Edinburgh University.

#### Conference proceedings

Smith J., Brown P. (2007, July 11-13). Reference style guide, In: M. Scott (Ed.). *Proceedings of Biochemical Society Conference*. Paper presented at Biochemical Society Conference, (Warszawa, Poland), Warsaw: Versita, 1335-1791.

#### Newspaper articles

Sherwin, A. (2007, July 16). The post-genomic era. *The Times*, 170 (3), 1-2.

Dzierzanowski, M. (2007, July 8). *Horyzonty*. Wprost, 18 (in Polish).

#### **Formatting and Typesetting**

All pages must be numbered consecutively. The whole text (including legends, footnotes, and references) should be formatted double-spaced with no hyphenation and automatic word-wrap (no hard returns within paragraphs). Please type your text consistently, e.g. take care to distinguish between '1' (one), 'I' (capital I) and 'l' (lower-case L) and '0' (zero) and 'O' (capital O), etc. Manuscript pages should have line numbers. The font size should be no smaller than 12 points.

Footnotes and endnotes should be avoided. Allowable footnotes/endnotes may include: the designation of the corresponding author of the paper, the current address of an author (if different from that shown in the affiliation), abbreviations and acronyms.

#### **Symbols and abbreviations**

The use of special symbols, abbreviations, and acronyms is permitted so long as they are defined upon first mention in the article.

#### Outline of the Production Process

Once an article has been accepted for publication, the manuscript files are transferred into our production system to be language-edited and formatted. Language and technical editors reserve the privilege of editing manuscripts to conform with the stylistic conventions of the journal. Once the article has been typeset, PDF proofs are generated so that authors can approve all editing and layout.

#### **Immediate Publication**

Manuscripts ready for publication are promptly posted online. The manuscripts are considered to be ready for publication when the final proofreading has been performed by authors, and all concerns have been resolved. Authors should notice that no changes can be made to the articles after online publication.