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Scope of the Journal

Journal of Proteome Research (JPR) publishes content encompassing all aspects of global protein analysis and function, including the dynamic aspects of genomics, spatio-temporal proteomics, metabolomics/metabonomics, and clinical proteomics, as well as advances in methodology including bioinformatics. The theme and emphasis is on a multifaceted approach to studying the life sciences through the synergy among the different types of “omics.”

Research manuscripts can be submitted as Articles, Letters, Perspectives, Technical Notes, Tutorials, Communications, and Reviews. More details can be found [here](#).

Correspondence to the Editor-in-Chief should be addressed to:

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Length guidelines for each manuscript type are given in descriptions below. The word count limit does not include the experimental section, acknowledgments, supporting information availability statement, and list of references. Authors are strongly encouraged to stay within the word count recommendations as concise writing engages the reader and conveys a command of topic. We recognize there are situations where a longer submission may be justified. In these cases, we ask that you include justification details supporting the extra length in your cover letter to the Editor.

Articles may focus on any phase of proteome research, including sample preparation, separation, characterization, and analysis of proteins (including informatics), as well as the development of new methodologies. Articles that focus on computational methods and data processing (e.g., informatics) will be judged by the usual criteria of originality, technical content, and value to the field. Detailed mathematical derivations, computation procedures, and programs should be presented as Supporting Information or accessible via a reliable third-part site (i.e. SourceForge, BitBucket, and GitHub). If the research involves the use of human or animal samples, the author(s) must have appropriate approval from their institutions and must conform to commonly practiced ethical standards. The [Ethical Guidelines to Publication of Chemical Research](#) includes information required from authors submitting manuscripts that involve human or animal samples. Articles should not exceed 8,000 words.

Letters are opinion pieces related to the field of proteomics. Letters can be supported by brief descriptions of scientific data and references. Letters should not exceed 5,500 words.

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Reviews are to be comprehensive, critical accounts of work in selected areas of the proteome research literature; they will be peer-reviewed. Reviews should increase the readers' knowledge through discriminating comparisons and insightful organization of the material. A mere listing of literature citations with descriptive comments is inadequate. Criteria for acceptability include current importance of the field under review, thoroughness of the literature coverage, and clarity of text.

Reviews on proteomics or metabolomics studies of uncharacterized natural products will not be accepted. Author(s) should send a pre-submission inquiry to the EIC office. Reviews should not exceed 6,000 words.

Technical Notes are brief descriptions of novel instrumentation methodologies or software advances. The advantage(s) of the new instrumentation methodologies or software advancement over those already available must be clearly demonstrated. Technical Notes should not exceed 4,500 words.

Tutorials are articles that provide basic instructions on proteomics techniques, with the aim of teaching the reader how to accomplish a specific application. Tutorials are narrower in scope than Reviews but must still cover the relevant background of the topic. Tutorials cover timely topics but do not necessarily present new data. Although many Tutorials are invited, unsolicited submissions will be considered. Tutorials should not exceed 5,000 words.

*For informatics manuscripts, please refer to a [2015 Perspective](#) outlining proposed recommendations for organizing manuscripts to set appropriate expectations for readers and reviewers.

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- When required by a journal's structure or length limitations, manuscript templates should be used.
- References can be provided in any style, but they must be complete, including titles. For information about the required components of different reference types, please refer to the [ACS Style Quick Guide](#).
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manuscript was discussed with an Editor before submission, and other issues important for the review process.

Manuscript Text Components

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Experimental Section. Use complete sentences (i.e., do not use outline or bullet-point format). Be consistent in voice and tense. For instrumentation, list only devices of a specialized nature. List and describe preparation of special materials only. Do not list materials normally found in the laboratory or preparations described in standard handbooks and texts. A subsection may be added listing the sources for specialized chemicals/reagents. Because methods are intended as instructions to permit work to be repeated by others, give adequate details of critical steps. Very detailed procedures should be presented in a Supporting Information section and author(s) should consider the guidelines for mass spectrometric data.

Results and Discussion. The results may be presented in tables or figures; however, many simple findings can be described directly in the text with no need for tables or figures. The discussion should be concise and present an interpretation of the results. In most cases, combining results and discussion in a single section will give a clearer, more compact presentation.

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For books:

(2) Morris, R. *The Last Sorcerers: The Path from Alchemy to the Periodic Table*; Joseph Henry Press: Washington, DC, 2003; pp 145–158.

For book chapters:

(3) Fierke, C. A.; Hammes, G. G. Transient Kinetic Approaches to Enzyme Mechanisms. In *Contemporary Enzyme Kinetics and Mechanism*, 2nd ed.; Purich, D., Ed.; Academic Press: New York, 1996; pp 1–35.

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(4) Mata, M. M.; da Silva, W. P.; Wilson, R.; Lowe, E. K.; Bowman, J. P. Attached and planktonic *Listeria monocytogenes* global proteomic responses and associated influence of strain genetics and temperature. *J. Proteome Res.* **2015**, DOI: 10.1021/pr501114e.

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If the manuscript is accompanied by any supporting information files for publication, these files will be made available free of charge to readers. A brief, nonsentence description of the actual contents of each file, including the file type extension, is required. This description should be labeled Supporting Information and should appear before the Acknowledgement and Reference sections. Examples of sufficient and insufficient descriptions are as follows:

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Example: The mass spectrometry proteomics data have been deposited to the PRIDE Archive (<http://www.ebi.ac.uk/pride/archive/>) via the PRIDE partner repository with the data set identifier

PXDxxxx and 10.6019/PXDxxxx.

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Appendix 2: Preparing Graphics

Resolution

Digital graphics pasted into manuscripts should have the following minimum resolutions:

- Black and white line art, 1200 dpi
- Grayscale art, 600 dpi
- Color art, 300 dpi

Size

Graphics must fit a one- or two-column format. Single-column graphics can be sized up to 240 points wide (3.33 in.) and double-column graphics must be sized between 300 and 504 points (4.167 in. and 7 in.). The maximum depth for all graphics is 660 points (9.167 in.) including the caption (allow 12 pts. For each line of caption text). Lettering should be no smaller than 4.5 points in the final published format. The text should be legible when the graphic is viewed full-size. Helvetica or Arial fonts work well for lettering. Lines should be no thinner than 0.5 point.

Color

Color may be used to enhance the clarity of complex structures, figures, spectra, and schemes, etc., and color reproduction of graphics is provided at no additional cost to the author. Graphics intended to appear in black and white or grayscale should not be submitted in color.

Type of Graphics

Table of Contents (TOC)/Abstract Graphic

Consult the Guidelines for [Table of Contents/Abstract Graphics](#) for specifications.

Our team of subject-matter experts and graphical designers can also help generate a compelling TOC graphic to convey your key findings. Learn more about our [Graphical Abstract service](#).

Figures

A caption giving the figure number and a brief description must be included below each figure. The caption should be understandable without reference to the text. It is preferable to place any key to symbols used in the artwork itself, not in the caption. Ensure that any symbols and abbreviations used in the text agree with those in the artwork.

Charts

Charts (groups of structures that do not show reactions) may have a brief caption describing their contents.

Tables

Each table must have a brief (one phrase or sentence) title that describes the contents. The title should be understandable without reference to the text. Details should be put in footnotes, not in the title. Tables should be used when the data cannot be presented clearly in the narrative, when many numbers must be presented, or when more meaningful inter-relationships can be conveyed by the tabular format. Tables should supplement, not duplicate, information presented in the text and figures. Tables should be simple and concise.

Schemes

Each scheme (sequences of reactions) may have a brief caption describing its contents.

Chemical Structures

Chemical structures should be produced with the use of a drawing program such as ChemDraw.

Cover Art

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Cover image submissions should be colorful and visually engaging, with minimal text. The cover image should not resemble a graphical abstract or data figure, but rather should be an artistic and scientifically accurate representation of the manuscript.

Image files should be submitted as TIF, JPG, PNG or EPS files with a resolution of at least 300 dpi for pixel-based images. Images should be 8.19 in × 10 in. (or 20.80 cm × 25.40 cm). Please note that the journal title will cover the top 2.5 in. (6.35 cm) of the image. Authors should submit the cover image, along with a short, clear legend (less than 50 words) explaining the image, as supplementary files to ACS Paragon Plus with their revised manuscript.

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