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Scope of the Journal

Molecular Pharmaceutics publishes original research that contributes significantly to the molecular mechanistic understanding of drug delivery and drug delivery systems. Modalities of interest include small molecules, imaging agents, proteins, peptides, vaccines, cell and gene-based therapies, and their characterization, formulation, and delivery. Scientific areas within the scope of the journal include:

- Modelling and simulation to aid mechanistic insights into drug delivery
- Molecular understanding of formulations
- Formulation performance under physiological conditions
- Materials science as it relates to drug, excipients and drug delivery system efficacy.
- Emerging techniques and technologies for drug delivery including theranostics, precision medicine and artificial intelligence

Theoretical and experimental peer-reviewed full-length research papers, critical reviews, perspectives, and communications are welcomed. Submission of a manuscript to *Molecular Pharmaceutics* implies that the same work has not been previously published, including as part of a public electronic database (preprint servers like bioRxiv and ChemRxiv are permissible), and is not under consideration for publication elsewhere. In addition, there must be no legal restrictions to publication, e.g., patent activities, at the time of submission. For more information, please visit "[About the Journal](#)".

Manuscript Types

Molecular Pharmaceutics publishes original Research Articles, Reviews, Perspectives and Communications.

Research Articles

Full-length research manuscripts, consistent with the objectives of *Molecular Pharmaceutics*, are the principal focus of the journal. Authors must follow the instructions given below for preparation and submission of manuscripts.

Reviews

Molecular Pharmaceutics considers current concise, critical reviews of the most recent innovative advances in the science within the scope of the journal. Reviews must be timely and objective and cover the described topic over a relevant period. Reviews should focus on concepts and critical evaluation of the field, rather than broadly summarizing research conducted in the area. If the authors wish to submit a topic for consideration prior to submission, please contact the EIC's office. The Editor will determine if the topic is timely and of current interest to the Journal audience.

Perspectives

Perspectives are interpretive accounts on subjects of current interest to the pharmaceutical science research community. These articles reflect the opinions of the authors and are intended to be thought provoking. Authors should be subject matter experts and are recommended to obtain approval from the EIC prior to unsolicited submission.

Communications

Editors will be extremely selective in accepting communications for review and consideration for publication. Communications of extremely timely and important research results will be considered for publication. Communications must provide enough information for the objective evaluation of the importance, significance, and validity of the report. Submissions may contain up to 50 references, an abstract of less than 100 words, and are generally five journal pages in length.

Editorials

Commissioned only.

ACS Researcher Resources

While this document will provide basic information on how to prepare and submit the manuscript as well as other critical information about publishing, we also encourage authors to visit the [ACS Researcher Resources](#) for additional information on everything that is needed to prepare (and review) manuscripts for ACS journals and partner journals, such as

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Manuscript Preparation

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- research, free of annotations or highlights, and include all numbered and labeled components.
- Figures, charts, tables, schemes, and equations should be embedded in the text at the point of relevance. Separate graphics can be supplied later at revision, if necessary.
 - 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](#).
 - Supporting Information must be submitted as a separate file(s).

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We encourage that the cover letter specifically state the innovation or novelty of the submitted manuscript. It should provide the name and e-mail address of the corresponding author of the manuscript. All editorial correspondence concerning receipt, status, review, revision, and publication of a manuscript will be directed to the corresponding author, who is responsible for communicating the manuscript status to all coauthors of the paper and for obtaining the coauthors' assent to any substantial changes of content or interpretation made during revision.

Manuscript Text Components

Title Page

The title must reflect the purposes and findings of the work in a manner that assists in classification and indexing. **Abbreviations and trade names should not be included in the titles.** Succinct titles are encouraged. Titles should be followed by the names of the authors and by the addresses of all contributing laboratories. The name of the author to whom inquiries should be directed should be marked with an asterisk (*). The full address together with the telephone and fax numbers and e-mail address of the corresponding author should be given, using an asterisk.

Table of Contents/Abstract Graphic

A graphic must be included with each manuscript for dual use in the Table of Contents (TOC) and

the abstract. This graphic should capture the reader's attention and, in conjunction with the manuscript title, should give the reader a quick visual impression of the topic described in the manuscript. The TOC/abstract graphic should be furnished at the actual size at which it is intended to appear in the issue and may be up to 8.9 cm wide and 3.6 cm tall. Text should be limited to labels. The use of standard abbreviations and unambiguous molecular formulas is encouraged.

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Keywords

Authors must have 5-6 significant keywords (separated by semicolon) that aid the reader in literature retrieval included after the abstract.

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The purpose of the study and its relation to and extension of previous work in the field should be included. Detailed or lengthy descriptions of routine experimental or theoretical procedures should be avoided. Extensive literature reviews should also be excluded. The Introduction should state the rationale and hypothesis/objectives of the study. Authors must ensure that adequate citation are given to relevant work, making sure that prior contributions are acknowledged.

Experimental Section

Experimental descriptions should be as concise as possible. This section should provide a clear, unambiguous description of materials, methods, and equipment in sufficient detail to permit independent repetition of the work. Novel experimental procedures should be described in detail, while published procedures should be cited by reference number only. General reaction conditions should be given only once. Authors must emphasize any unexpected, new, and/or significant hazards or risks associated with the reported work. This information should be in the experimental details section of the full article or communication. The journal will not publish work using unknown compounds (e.g., compound X). For animal and human studies, appropriate committee permissions must be listed, including the study number.

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Text, tables, and figures can be used to describe the results as necessary. However, data should appear in only one format. Only the most significant and representative data should be included in the body of the manuscript. Extended or supplemental results that support the main findings of the paper should appear as Supporting Information, which is published on the Web.

Discussion

Authors should use this section for their interpretation of the results and examination of their relation to and extension of the existing body of literature. Information given elsewhere, e.g., in the Results or Introduction, should not be repeated. Highly speculative suggestions should also be excluded.

Conclusions

This section is a single paragraph that summarizes the importance of findings to the field and future directions of the work. This section should be clearly different from the abstract.

Acknowledgments

Mention of technical assistance, advice from colleagues, gifts, etc. should be made. Financial support should also be described in detail in this section. Funding should be reported as: "Funding: This work was supported, in part, by Grant Name (No. 123456).

References

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For journals:

- Rich, D. H.; Green, J.; Toth, M. V.; et al. Hydroxyethylamine Analogues of the p17/p24 Substrate Cleavage Site Are Tight-Binding Inhibitors of HIV Protease. *J. Med. Chem.* **1990**, *33*, 1285–1288.

For monographs:

- Casy, A. F.; Parfitt, R. T. *Opioid Analgesics*; Plenum Press: New York, 1986; pp 333–384.

For edited books:

- Rall, T. W.; Schleifer, L. S. Drugs Effective in the Therapy of the Epilepsies. In *The Pharmacological Basis of Therapeutics*, 7th ed.; Gilman, A. G., Goodman, L. S., Rall, T. W., Murad, F., Eds.; Macmillan Publishing Co.: New York, 1985; pp 446–472.

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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:

Examples of sufficient descriptions: “Supporting Information: ^1H NMR spectra for all compounds (PDF)” or “Additional experimental details, materials, and methods, including photographs of experimental setup (DOC)”.

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When including supporting information for review only, include copies of references that are unpublished or in-press. These files are available only to editors and reviewers.

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Research data is defined as materials and information used in the experiments that enable the validation of the conclusions drawn in the article, including primary data produced by the authors for the study being reported, secondary data reused or analyzed by the authors for the study, and any other materials necessary to reproduce or replicate the results.

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For lengthy technical names used more than five times in the manuscript, it is appropriate to employ abbreviations. Such nonstandard abbreviations should be collected and defined in a single Abbreviations paragraph at the end of the text. Excessive use of abbreviations makes a manuscript difficult to read; failure to collect the definitions of all abbreviations into a single paragraph is a disservice to the reader.

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The Editor-in-Chief is appointed by the American Chemical Society (ACS) and has the final responsibility for all editorial decisions. The Editor-in-Chief and Associate Editors initially determine whether a manuscript's content falls within the scope of *Molecular Pharmaceutics*. Manuscripts that do not fall within the scope of the journal or would not be of interest to the general readers of the journal will be returned to the authors without review. Initial acceptance

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Appendix 1: PREPARING FOR SUBMISSION

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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

Molecular Pharmaceutics authors are encouraged to submit images to be considered for use on the journal's front cover or [Supplementary Covers](#) at the time of the submission of their revised manuscript. If your article is accepted for publication, your suggestion may also be selected for use on one of the journal's covers. The Editors may also choose to commission cover art for Special Issues. If your art is selected for front cover, ACS will send you information about how to request one complimentary 18" by 24" printed poster featuring your work. Images chosen for the front cover will be published at no cost to the author.

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 7.00 in. x 9.05 in. (or 17.78 cm x 22.99 cm). Please note that the journal title will cover the top 2 in. (5.08 cm) of the image. Authors should submit the cover image, along with a short, clear legend explaining the image, as supplementary files to ACS Paragon Plus with their revised manuscript.

If you wish to be considered only for the front cover, and not a paid supplementary cover, please respond NO accordingly to the Supplementary Cover Art question in ACS Paragon Plus. For more information on the Supplementary Covers program, please see [this webpage](#). All art submitted for consideration for a supplementary cover will also be considered for a front cover.

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The Web editions of ACS journals allow readers to view multimedia attachments such as animations and movies that complement understanding of the research being reported.

WEOs should be uploaded in ACS Paragon Plus with 'Web Enhanced Object' selected as the file designation. Consult the list of [compatible WEO formats](#).