INTRODUCTION

_AAPS PharmSciTech_ (ISSN 1530-9932) is a peer-reviewed online-only journal owned by the American Association of Pharmaceutical Scientists (AAPS). The journal's mission is to disseminate scientific and technical information on drug product design, development, evaluation, and processing to the global pharmaceutical research community. The journal is indexed by PubMed/Medline, Index Medicus, Institute of Scientific Information's Science Citation Index Expanded, and Chem Abstracts.

Editor-in-Chief Robert O. (Bill) Williams III, Ph.D., oversees an international editorial board of leading researchers in the pharmaceutical sciences. Williams is a professor of pharmacy at the University of Texas at Austin, College of Pharmacy.

TYPES OF MANUSCRIPTS

_AAPS PharmSciTech_ publishes the following article types. For examples of published articles, please visit www.PharmaGateway.net.

- **Reviews**, usually by invitation and sometimes organized into theme issues, report on recent advances in pharmaceutical research. Unsolicited reviews are considered only if they are authored by investigators who have demonstrated expertise in the relevant areas.

- **Mini-reviews** discuss a more narrowly focused topic of recent research. Unsolicited mini-reviews are considered only if they are authored by investigators who have demonstrated expertise in the relevant areas.

- **Original research papers** contain innovative, hypothesis-driven research that is supported by sound experimental design, methodology, and data interpretation.

- **Brief technical notes**, normally more limited in scope than original research papers, must be of high quality, general interest, and sufficient importance to warrant publication.

- **Rapid communications** provide a venue for fast-breaking research updates or other news items. The justification for rapid communication should be stated in the cover letter during submission.

- **Regulatory notes** provide a summary of regulatory decisions made and rationale for the regulatory decision made on a product. These notes are typically submitted by invitation only, but authors may propose notes to the editors.

- **Editorials, commentaries, or summaries** are usually published by invitation only. These articles contain topical issues of public and scientific interest.

- **Meeting reports** on AAPS or AAPS-affiliated meetings provide readers with summaries of such meetings, including consensus views. When a meeting report purports to be a consensus report, it may, at the editor-in-chief's discretion, adhere to the AAPS Guideline for Review of Opinions and Summary Reports, available at www.aaps.org/guidelineopinions. The corresponding author must complete and submit the Corresponding Author's Consent to Publish form.
(www.aaps.org/consentcorr) and all contributing authors must complete and submit the Contributing Author's Consent to Publish form (www.aaps.org/consentcont).

Meeting notices provide readers with information on upcoming AAPS or AAPS-affiliated meetings. They should include the title of the meeting, date, time, location, an outline, description of meeting topics, and a list of invited speakers. If possible, meeting notices should include contact information for the organizers and a URL to the meeting’s webpage. Meeting notices should be submitted to the AAPS Editorial Office 2–3 months prior to the meeting.

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All articles published in the journal will follow the Springer Online First production workflow, enabling publication on the SpringerLink website after receipt of author corrections to page proofs.

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SPECIAL FEATURES, APPENDICES, AND SUPPLEMENTARY MATERIAL

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**Terms of Manuscript Consideration**

**AAPS Journals Ethics Policy**
The editors-in-chief of the three AAPS journals, *Pharmaceutical Research*, *The AAPS Journal*, and *AAPS PharmSciTech*, along with the AAPS Publications Committee, developed an integrated ethics policy to guide decision-making across the three journals. The document is based on the recommendations on publication ethics policies for medical journals published by the World Association of Medical Editors (WAME), posted at www.wame.org/about/recommendations-on-publication-ethics-policies.

Authors are required to review and adhere to the AAPS Journals Ethics Policy (www.aaps.org/journalethics) in full prior to submitting manuscripts to *AAPS PharmSciTech*. Excerpts from the policy are outlined below.

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During the manuscript submission process, all authors will be required to confirm that the manuscript has not been previously published in any language anywhere and that it is not under simultaneous consideration by another journal. The journal policy regarding compound disclosure centers on the data presented. If specific data relating to the study compound are reported, then the journal requires identification so that reviewers and readers can judge, based on general principles, whether the data are plausible and internally consistent, and to potentially allow future examination and/or validation of the results and conclusions reported. If however a library of compounds is used to generate correlations, such as in QSAR when the scope and diversity of the compounds are described, then it is possible that the specific chemical compositions of the compounds need not be identified, subject to the discretion of the reviewers and the editor.

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ETHICS IN ANIMAL AND CLINICAL INVESTIGATIONS

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Studies and research using human subjects, medical records, and human tissues (including educational research) must also state this compliance within the Methods section of the paper.

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Investigations using experimental animals (including educational research) must also state this compliance within the Methods section of the paper.

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**Novelty**—Your results must be new and not resembling something formerly known or used. You must clearly make the case that your paper presents novel results.

**Significance**—Your paper must emphasize why anyone would care about your work and why someone would want to read your work. You must make a compelling case in the Introduction and Discussion sections.
MANUSCRIPT ORGANIZATION

Several components of the manuscript must be submitted as individual files within Editorial Manager: cover letter, title page, manuscript body (including references list), individual figure/table files, and the Transfer of Copyright.

COVER LETTER

A cover letter is recommended, but not required. Please note, a cover letter is required for a rapid communication submission.

Authors who wish to submit names and email addresses of recommended reviewers for the peer review process may indicate those in the cover letter or during the submission process.

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The title page must be submitted as a separate file and should include:

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ABSTRACT

The abstract is limited to 250 words or less. For original research articles, the abstract should include a brief (2 to 3 sentence) statement for each of the following sections: Introduction, Materials and Methods, Results, Discussion, and Conclusion, written in paragraph form. All abstracts must be written in one paragraph, with no subheadings, equations, tables, reference citations, or graphics.

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Only reviews, mini-reviews, original research articles, rapid communications, and meeting reports require an abstract.

AAPS journals do not publish graphical abstracts.
*Keywords*
Provide a list of no more than 5 key words.

*Manuscript Body*
For original research articles, brief technical notes, and rapid communications, organize the main text as follows:

1. Introduction
2. Materials and Methods
3. Results
4. Discussion
5. Conclusion

The use of subheadings to divide the text is encouraged. Primary, secondary, and tertiary level headings should be clearly defined; do not use numbers or letters in headings.

**Introduction**—The introduction must define the scope of your paper; articulate the question or hypothesis; summarize relevant work to the study being reported; and inform the reader of the rationale and significance of the study.

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Recommended maximum word counts are as follows:

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**Citations**—45–50 relevant citations

**General Manuscript Body Guidelines**

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- Numbers should be reported to reflect the precision of the instrumentation utilized. Calculated numbers, such as means and standard deviations, should be expressed to no more than one significant digit beyond the precision of the instrument. Normally, data reported to more than 3 significant figures should be justified. The precision of the variability (e.g., standard deviation) should not exceed that of the reported mean value.

**ACKNOWLEDGEMENTS**
May be included in the manuscript body. Include funding source(s) and other contributions. If the work has been funded by NIH, please provide name(s) of funding institute(s) and grant number(s). This information is required for automatic deposit into PUBMED Central by the publisher.

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References should conform to Vancouver style and be numbered consecutively in the order in which they are cited in the text. Cite in the text by the appropriate Arabic numeral enclosed in parentheses, e.g., (1), (2-5), etc. You should typically use 45–50 relevant references, including references from this journal, but you may use more if warranted.

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- Mini-reviews: 40
- Brief technical notes and rapid communications: 20

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3. **Journal article by DOI (before issue publication with page numbers)**

4. **Article in electronic journal by DOI (no paginated version)**

5. **Journal article in a supplement**

6. **Book chapter**

7. **OnlineFirst chapter in a series (without a volume designation but with a DOI)**

8. **Book, authored**

9. **Online document**

10. **Online database**

11. **Supplementary material/private homepage**

12. **University site**

13. **FTP site**

14. **Organization site**
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Tables must be created in Microsoft Word table format. Tables should be numbered (with Roman numerals) and referred to by number in the text. Center the title above the table and type explanatory footnotes (indicated by superscript lowercase letters) below the table. Data must be placed in separate cells of the table to prevent text and numbers from shifting when the table is converted for publication on the Internet. Empty cells may be inserted to create spacing. Tables should not duplicate information provided in the text. Instead, tables should be used to provide additional information that illustrates or expands on a specific point the author wishes to make. Each table should be self-explanatory.

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Maximum combined count for tables and figures are as follows:

- Reviews, original research articles, meeting reports, and white papers: 10 (suggested)
- Mini-reviews: 6
- Brief technical notes and rapid communications: 6

**FOOTNOTES**

Footnotes in the manuscript body should be avoided. When their use is absolutely necessary, footnotes should be numbered consecutively using Arabic numerals and should be typed at the bottom of the page to which they refer. Place a line above the footnote, so that it is set off from the text. Use the appropriate superscript numeral for citation in the text.
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