Introduction

This comprehensive handbook will be your go-to guide for your work as an editor for *The AAPS Journal*. It contains extensive information on the roles and responsibilities for an editor of the Journal, policies and practices of the Journal, plus the workflows and key steps involved in the peer review and production processes.

Our goal in compiling this handbook was to provide you with a resource you can quickly turn to and find the answers to your important questions and to find helpful advice. We hope we have been successful in this task.

- *The AAPS Journal* Editorial Office
  December 2012
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The AAPS Journal Overview and Scope

The AAPS Journal (ISSN: 1550-7416) is an online-only journal publishing peer-reviewed scholarly reviews, themed issues, and research articles within the entire scope of the pharmaceutical sciences encompassed by the AAPS membership. The journal particularly aims to foster the dissemination of scientific information presented at AAPS-sponsored meetings, workshops, and symposia through the publication of invited reviews in themed issues. Additionally, guest editors are invited to organize special themed issues on scientific subjects of current interest. Submission of uninvited expert reviews and research articles in all areas of pharmaceutical sciences are welcomed, although manuscripts focused on pharmaceutical formulation, technology, and engineering should be directed to our sister e-journal, AAPS PharmSciTech.
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1.3 The AAPS Journal Publisher Information: The AAPS Journal

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About Springer

Partner for Research and Practice

Knowledge, information and quality—these are the three things that shape Springer Science+Business Media’s business activities. We develop, manage and disseminate knowledge through books, journals and the Internet. We work with the world’s best academics and authors in long-standing loyal partnerships based on mutual trust, and we are always open to new input.

We aim to offer excellence—more than 150 Nobel prize-winners have published with Springer to date. Many of our publications are considered authoritative works in their field, read by academics and students, used by libraries and universities, academic professionals and practitioners in various branches of industry.

www.springer-sbm.com/index.php?id=164&L=0
1.4 The AAPS Journal Editorial Advisory Board

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at www.springer.com/biomed/pharmaceutical+science/journal/12248?detailsPage=editorialBoard
1.5 AAPS E-journal Editor Confidentiality Statement

All AAPS e-journal editors are required to agree and adhere to the following confidentiality statement:

As editor of an AAPS e-journal, I will keep confidential all content of submitted manuscripts. I also agree to maintain both the privacy and intellectual property rights of authors who submit to an AAPS e-journal.

I will not disclose any information regarding a submission, including but not limited to its content and all reviewer comments other than discussions with the journal’s editors, editorial advisory board members and reviewers in relation to the peer-review process.

AAPS Journals Ethics Policy

The editors-in-chief of the two e-journals of AAPS — The AAPS Journal, and AAPS PharmSciTech — along with the AAPS Publications Committee developed an integrated ethics policy to guide decision-making across the two journals. The document is based on recommendations on publication ethics policies for medical journals that the World Association of Medical Editors (WAME) published. These policies are posted at www.wame.org/resources/ethics-resources, and almost 1,000 journals subscribe to these policies.

Editors for the AAPS e-journals agree to both read and operate under the AAPS ethical guidelines as stated in the AAPS Journals Ethics Policy (www.aapsj.org/about/AAPS-ethicspolicy-2007.pdf).
AAPS E-Journals Portal PharmaGateway.Net — an Editor Guide to AAPS Member Full Content Access

AAPS members may access full article content for Pharmaceutical Research, The AAPS Journal and AAPS PharmSciTech through www.PharmGateway.net. Users must have an active AAPS membership to access full content.

Members may log-in to this portal using their current AAPS member ID and password by clicking on “Sign in” located on the upper left corner of the home page. Upon log-in, the member name should appear next to “Sign out” in the upper left-hand corner of the home page.

If the member name does not appear or an error message is displayed, there may be an issue with the individual’s AAPS membership, ID and/or password, which the AAPS Membership Department should be able to resolve. Please direct the member to the AAPS Membership Department at membership@aaps.org or +1.703.243.2800.
2.1 Editor-in-Chief Role and Responsibilities

The editor-in-chief shall be responsible for the oversight of the scientific quality and scope, as well as the operational policies and management facets of the journal. These include, but are not limited to, directing the timely solicitation, evaluation, selection and editing of manuscripts and other materials to be published in the journal.

Several major duties of the EIC are enumerated below:

- The EIC should work with the AAPS Publications Committee and the AAPS director of publications to establish general editorial guidelines and policies.

- The EIC is responsible for the appointment and supervision of other editors, including associate editors, assistant editors and guest editors.

- The EIC shall serve as the chair of the journal’s editorial advisory board, which shall include all associate and assistant editors, as well as EIC appointees. From time to time, the EIC may discontinue the appointment of existing EAB members and make new appointments. The size of the EAB is at the EIC’s discretion and is subject to agreement of the AAPS director of publications.

- The EIC shall manage the day-to-day operations of the journals, including the Editorial Manager™ peer-review process.

- The EIC shall work with AAPS editorial staff to monitor and improve standard operating procedures, as well as ensure the journal editorial policies are being enforced.

- AAPS editorial staff shall coordinate the collection of copyright transfer agreements as well as all necessary permissions to include copyrighted material by others from each author/contributor to the journal. The EIC shall provide assistance when requested by the editorial office staff, for delinquent collection of these forms and permissions.

- The EIC shall work with AAPS staff and leadership and other journal editors to identify articles of public interest for publication in the journal.

- The EIC shall address problems in a timely manner, including but not limited to allegations of misconduct as outlined in the AAPS Journals Ethics policy.

- The EIC is obligated to conduct the editorial operations of the journal within the overall budget set forth in the contractual agreement between the EIC and AAPS.

- The EIC may appoint support staff, including assistant editors and editorial assistants, as may be required to maintain the prompt, orderly administration of
editorial operations and to maintain the high quality of scientific content of the journal. Such appointments should be consistent with AAPS and applicable institutional policies for employment.

- The EIC shall report to the AAPS Publications Committee at least once annually regarding journal editorial operations and shall make additional reports to the committee when the committee or AAPS Executive Council requests.

- The EIC shall attend the AAPS Annual Meeting and Exposition each year and participate in the Publications Committee meeting, the journal’s EAB meeting, etc., if such meetings are called.
2.2 Associate Editor Role and Responsibilities

The EIC appoints an associate editor (AE) based on the AE’s area of expertise and his/her anticipated contributions to the journal’s scientific content and quality.

Some of the AE’s major responsibilities are enumerated below:

- The AE serves as an advisor to the EIC regarding all scientific and operational aspects of the journal.
- The AE is responsible for managing the evaluation of certain submitted manuscripts that the EIC assigns. This will include soliciting a suitable number of outside knowledgeable reviewers, monitoring the quality and timeliness of the submitted reviews, and submitting an editorial recommendation to the EIC. The AE should not convey any editorial decisions directly to an author. Timely handling of such manuscripts is of essence.
- The AE must familiarize her/himself with the operational aspects of the journal’s Editorial Manager™ (EM) Manuscript tracking system and conduct the review process, including recommendation to the EIC through this system. The AAPS editorial office will provide assistance as needed.
- The EIC may charge the AE to suggest articles or theme issues of contemporary interest and to serve as a guest editor for such materials. For the guest editor’s duties, refer to the section “Guest Editor Role and Duties.”
2.3 Guest Editor Role and Responsibilities

AAPS can support more than one guest editor per theme. However, one guest editor must act as the lead (managing) guest editor (LGE) within Editorial Manager™ (EM). This LGE will manage the overall peer-review process for all manuscripts in the theme issue.

**Lead Guest Editor Responsibilities:**

- Develop theme topic and scope (please refer to the section “Guidelines for Themed Topics/Issues Published in the AAPS E-journals.”
- Solicit authors to submit content to the theme.
- Submit theme details to theme initiation Web site as outlined in the “AAPS E-journals Theme Initiation Web site Instructions.”
- Coordinate calls when necessary with any co-guest editors, the editor-in-chief (EIC) and AAPS editorial staff.
- Accept EM assignments from the EIC through EM for invited theme manuscript submissions. Invite a suitable number of reviewers. Normally, two completed quality reviews are required for each article. The LGE or co-guest editors of the theme issue may act as reviewers’ if necessary.
- Review EM manuscript assignments from EIC of non-solicited papers, which may qualify for inclusion in the theme. Determine, along with co-guest editor(s), whether the submission should be included in the theme. If acceptable, accept the assignment and initiate the review process. If appropriate, notify the editorial office to assign/edit the section category (theme affiliation) of the submission.
- Track and manage the peer-review process within EM using the proposal tab on the main EM menu by selecting your theme title under the “View all Assigned Proposals” folder. Management of the peer-review process includes but is not necessarily limited to the following functions:
  - Accept assignments from the EIC (invited and unsolicited).
  - Invite reviewers; all co-guest editors can qualify as reviewers (AAPS–EM default requirement is a minimum of 2 quality reviews).
  - Send EM reminder letters to nonresponsive or late reviewers.
  - Invite additional reviewers as necessary.
  - When sufficient reviews have been received, uninvite any outstanding reviewer invitations and render editorial recommendation to the EIC.
- Update EIC on progress of the theme.
Co-Guest Editor Role and Duties: (If the LGE is sole editor for the theme, the LGE assumes any responsibilities in this section that are not listed above.)

- Assist the LGE with the formulation of the theme issue, including manuscript scope, lineup and authors.
- Assist the LGE with solicitation of authors.
- Accept EM manuscript assignments from the LGE and conduct review of assigned manuscripts.
- If an overview or commentary of the theme issue is planned, work with other co-guest editors to compose and edit this article.
- Communicate with the LGE, EIC or AAPS staff if any concern or question arises.
3.1 Guidelines for Themed Topics/Issues Published in the AAPS E-journals

1. *The AAPS Journal* invites the submission and publication of themed topics/issues on contemporary issues in the pharmaceutical sciences. An editor normally solicits these themed topics/issues. However, the journal editors welcome unsolicited suggestions of possible themed topics/issues. Please contact the EIC to initiate a themed topic/issue.

2. When published from symposia and workshops, the theme title should contain the official symposium/workshop title. The relevant symposium or workshop must also be referenced within the text.

3. Ordinarily, leading investigators in the field or symposia/workshop organizers guest edit themed topics/issues. The journal will acknowledge such editorship appropriately. The journal’s EIC, however, will make final editorial decisions.

4. For symposia/workshop contributions, it is unnecessary for all oral presentations to result in written articles, but it is desirable to have a critical mass (not fewer than three articles) for use of the symposium/workshop title format described in item #2. If fewer than three papers are received, they may be considered individually for publication as stand-alone papers (with a footnote denoting affiliation to the symposium or workshop).

5. At the discretion of the guest editor(s) and the EIC, additional papers may be invited, if desired.

6. Each proceeding paper in the theme would ideally be in the format of a "state-of-the-art" review of at least 3,500 words (about eight manuscript pages) with suitable tables, figures and references. However, variations to this format may be made at the joint discretion of the guest editor(s) and the EIC.

7. All theme manuscripts will undergo peer and editorial review, consistent with the journal’s policy.

8. If appropriate, such proceedings may be considered for publication as a book, either alternatively or subsequent to journal publication.

9. Ideally, themed topics/issues arising from symposia/workshops should be published within six months of the relevant meeting.

10. All theme manuscripts must be submitted online using Editorial Manager™ (www.editorialmanager.com/aapsj/) according to the journal’s style (see instructions for authors).
3.2 AAPS E-journals Theme Initiation Web Site Purpose

AAPS has developed a theme initiation Web site for editors to submit their theme issue ideas, as well as the corresponding data required for theme setup in Editorial Manager™. Use of this Web site requires an assigned username and password. Please contact Barbara Hagar (HagarB@aaps.org) in the AAPS editorial office at +1.703.248.4768 for these permissions.

3.3 AAPS E-journals Theme Initiation Web Site Instructions

The AAPS editorial office assigns all usernames and passwords for site access. Users may personalize their password after initial log-in with the provided username and password. To request a change to your username, please contact Barbara Hagar (HagarB@aaps.org) in the AAPS editorial office at +1.703.248.4768 for these permissions.

Theme Initiation Submission

Select the journal name by clicking on the corresponding radio button. If you are setting up a new theme proposal, please select “Add a new theme issue” from the drop-down box. If you are returning to edit a theme proposal not yet submitted to the editorial office, please select your previously created theme title from the drop-down box and proceed to add data or make changes to existing information.

Initiating a NEW theme issue:

All requested criteria on this theme initiation page must be included to provide accurate information and data to the EIC for his/her review and approval of the proposed theme.

Add Theme Issue

- Enter the title of the proposed theme.
- Enter the author invitation response due date. The current manuscript tracking system default is set at 30 days from this initial theme submission set-up process; please allow at least 15–30 days for response to the invitation.
- Enter the author submission due date. Please allow 3–4 months following the response due date.
- Enter the target publication date. This is the estimated date on which all submissions have been published and the theme is finalized. The target date cannot be less than 75 days from the author submission due date, so as to allow for peer-review, revision, and production phases.

Theme Description

- Enter a brief theme description—this text box should contain a brief, 2–4 sentence description of the information the theme will encompass. Maximum word count is 150 words. This description will be incorporated into the theme proposal. A link to the theme proposal will be included in each author invitation letter.

Theme Classifications
• Please select at least three classifications for this theme from the available classifications list. Please use the directional arrows to select or remove classifications.

If you are satisfied with all theme criteria provided, please click on the “Add This Theme Issue” button at the bottom of the page. This step does NOT submit the theme to the editorial office; rather, it adds the theme criteria (title, dates, theme description and classifications) to the database. You will need to continue the theme initiation and set-up process by providing editors, authors and email contact information at the bottom of the refreshed page.

Please note that upon adding the theme, the originated by and owner (editor) information is added to the top of the page. If there is more than one guest editor for the theme, one editor must act as the corresponding editor (owner) for the theme and is responsible for management of the theme within EM. If the person originating this theme is not the corresponding editor, please identify the corresponding editor by using the drop-down box under “Add a new owner to this theme issue” and select the editor responsible for management of the theme. If this editor does not appear in the drop-down box, you may add this editor in the following editor process. Please be sure to return to the top of the page and select the “owner” editor once you have added the editor.

Editors

• Before adding a “new” editor, please browse the drop-down list of current editors in the database. If an editor exists in the drop-down list, click on the name and he/she will automatically be added to the editor list for the theme.
• If a desired editor is not listed, please use the section “Enter a New Editor.” You must provide full first and last names as well as a current email address and click on “Add Editor to This Theme Issue.”

Authors

• Before adding a “new” author, please browse the drop-down list of current authors listed in the database. If an author exists in the drop-down list, click on the name and he/she will be automatically added to the author list.
• If a desired author is not listed, please use the section “Enter a New Author.” You must provide full first and last names as well as a current email address and click on “Add Author to This Theme Issue.”
• As authors are added to this theme, a “Tentative Title” text box will appear for each author. If the author submission title is known, please provide it at this time, and this title will be included within the author invitation. If the submission title is unknown, please leave the text box blank. The author invitation letter will omit this data item and will include only the theme title.

Once all authors and editors have been added to this theme, please click on “Review – Submit This Theme.”
The data entered for the theme will be displayed for your review and approval. If the information is correct and you wish to submit this theme to the editorial office, please click on “Submit This Theme.” You will receive the following message upon successful submission:

“Thank you for submitting the required information for the theme entitled…. The AAPS editorial office will review this submission and will forward the theme information provided to the editor-in-chief for review and approval.”

**PLEASE NOTE**: If you wish to invite an additional author(s) to this theme, please do not click on “Submit This Theme,” because you will no longer be able to access this theme submission site and add additional authors once you submit the theme. If you wish to have the editor review the theme information and have AAPS staff begin the set-up and invitation process in EM, contact Barbara Hagar ([HagarB@aaps.org](mailto:HagarB@aaps.org)) in the AAPS editorial office and notify her that you have not yet submitted a theme but would like to proceed with the editor review and invitation process and reserve the ability to add future authors. You must also notify Hagar when future authors are added after the initial set-up.

Once you have submitted the theme, you will no longer be able to access the theme data and make edits. All requests for additions, corrections or deletions to the initiation database of the submitted theme must be directed to the AAPS editorial office at +1.703.248.4768 or [HagarB@aaps.org](mailto:HagarB@aaps.org).

If the theme is not complete, you may exit the site and return at a later date. All previously entered information will remain intact. If you did not “Submit this Theme,” you may also make additional edits by selecting the “Edit Theme Issue Info.”
4.1 Editorial Manager Peer Review Workflow

Editorial Manager Peer Review Process for AAPS E-Journals

[Diagram showing the workflow process with decision points and timelines for each step.]
4.2 Editorial Manager Editor Tutorial Access

Full access to the most recent version of the EM Editor Tutorial is available in PDF and Word formats at www.editorialmanager.com/homepage/resources.html#tutorials.
4.3 Reviewer Guidelines and Editorial Manager Tutorial

The following guidelines and tutorial are intended as a reference tool for reviewers of AAPS PharmSciTech and The AAPS Journal, AAPS electronic journals.

General Reviewer Guidelines and Information

- Conscientious peer review of manuscripts requires careful consideration and is essential to assure high-quality content for the AAPS e-journals.
- Reviewer comments are blinded; the manuscript author(s) does not know reviewers’ identities.
- Reviewer comments should be as complete and detailed as possible and contain clear opinions about strengths, weaknesses, relevance and importance to the field.
- Specific comments that cite manuscript sections, pages, paragraphs or lines are exceptionally useful.
- Reviewers should consider themselves mentors to the author(s). Reviewer comments should be constructive and for the purpose of enhancing the manuscript.
- Reviewers may find it helpful to complete their review in a word processing program and copy and paste the information into the comments box during their review submission.
- Reviewers should NOT contact the author(s) to discuss a manuscript.
- Reviewers should NOT reveal, cite or in any way disclose information about a manuscript prior to its publication.
- Reviewers should NOT agree to review a manuscript if there is an actual or perceived conflict of interest.

Questions to Consider During Your Review

- Is the information presented of significant interest to the AAPS e-journals’ readership?
- Is the title of the manuscript accurate, and does it sufficiently describe the content of the manuscript?
- Is the manuscript’s purpose or objective clearly stated?
- Are the methods appropriate and scientifically sound?
- If the manuscript is based on data, do the data represent an adequate population? Is a valid statistical justification included to support the conclusions?
- Are appropriate statistical tests used?
- Are the tables and figures well designed? Do they add to the understanding of the text? Is the information presented in the tables and figures redundant?
- Are the references cited the most appropriate to support the manuscript?

Viewing, Accepting and Declining Review Invitations in Editorial Manager
• Reviewers are invited either at the discretion of the editor or at the request of the author(s). Reviewers will receive an invitation to review via email and will be asked to log-in to EM to accept or decline the invitation.
• Follow the link to EM from the email invitation. If the link does not work, type in www.editorialmanager.com/aapsj for *The AAPS Journal* or www.editorialmanager.com/aapspt for *AAPS PharmSciTech* to access EM.
• Log-in to EM with your username and password and be sure to click “Reviewer Login” after you enter your log-in information.
• On the “Reviewer Main Menu,” click “New Reviewer Invitation” to view details about the manuscript and to accept or decline the invitation to review.
• Click “View Submission” once you are in your “New Reviewer Invitations” folder. This will open a PDF version of the manuscript, where you can view the full text of the paper in addition to the abstract and keywords.
• If you would like to review the manuscript, click “Agree to Review.” If you decide not to review the manuscript, click “Decline to Review.” There will be a space for comments when you decline an assignment and, while these comments are helpful for our editors, they are not mandatory.

**Recommendation of a Decision to the Editor**

After carefully considering the manuscript, reviewers have the option of submitting a recommendation for decision to the editor. Reviewers should give as many details as possible to support their recommendation.

• Submitting a recommendation of **Accept** indicates the reviewer believes the manuscript should be published in its current iteration.
• Submitting a recommendation of **Revise** indicates the reviewer believes the author(s) need to revise the manuscript, either substantially or insubstantially, before it can be considered for publication. AAPS editors may issue decisions of **Revise Major** and **Revise Minor**; reviewers should indicate their preferred revision level by elaborating on a revise recommendation in the comments section.
• Submitting a recommendation of **Reject** indicates the reviewer believes the manuscript should NOT be published.

**Submitting Your Recommendation in Editorial Manager**

• Once you agree to review a manuscript, the assignment will move into your “Pending Assignments” folder on the Reviewer Main Menu. From this folder, you may “View Submission” as many times as necessary before submitting your recommendation to the editor.
• When you are ready to submit your comments, click “Submit Recommendation.” Again, it may be helpful to complete your review in a word processing program and copy and paste the information into the comments box during review submission. After clicking “Submit Recommendation,” you will be taken to the “Reviewer Recommendation and Comments” screen.
Choose a recommendation of accept, reject or revise from the pull-down menu and then give the manuscript an overall rating between 1 and 100.
You may also be given a series of manuscript rating questions and asked to rate the manuscript on a scale of 1 to 5 based on those questions.
You must now enter text into the “Reviewer Blind Comments to Author” box and the “Reviewer Confidential Comments to Editor” box. The author(s) of the manuscript WILL be able to view the comments placed in the “Reviewer Blind Comments to Author” box, but those comments will be blinded and not in any way affiliated with reviewer contact information. Comments placed in the “Reviewer Confidential Comments to Editor” box will only be viewed by the editor. This box is also where reviewers must indicate any potential conflicts of interest.
Reviewers always have the option to save their review and submit it later as well as proof and/or print their review.
When you are ready to submit your comments, click on “Proceed.” This is your final opportunity to edit your comments. Click “Submit Review to Journal Office” when you are ready to complete your assignment.
Reviewers will always be able to view previously submitted recommendations. Once they are submitted, all reviews are moved into the “Completed Assignments” folder on the Reviewer Main Menu, where they can be accessed at any time.
4.4 Editorial Manager Reports Function

Upon log-in to EM, scroll to the bottom of the main editorial menu page. Select “Reports” under the “Administrative Functions” section. A description of each report is listed below.

**Report Tools**

**Custom Report:** Contact the editorial office for more information

**Status Reports**

**Current Status Report:** N/A

**Editor’s To-Do List Report:** Content includes all pending actions and decisions for a particular editor. Sections include new manuscript assignments, reviews pending, post review decisions required, revisions pending and post revision decisions required. Select the editor whose to-do list you wish to view.

**Author Reminder Reports**

**Author Revision Status Report:** This report provides editors the option to review in report format the status of manuscripts out for revision.

**Author Revision Reminder Report:** This report provides editors the option to send reminders to authors with manuscripts out for revision. The editorial office sends weekly reminders as needed.

**Invited Author Reports**

**Proposal Pipeline Report:** This report displays all author invitations and invited submissions associated with a proposal. Select multiple criteria and the report results will be limited to those invitations and manuscripts that fulfill all the selected criteria. Incomplete proposals with unapproved PDFs and proposals with a final disposition of “Withdrawn Proposal” are automatically excluded from the results.

**Authors Invited—No Response:** This report displays author invitations that have received no response and enables editors to send reminders.

**Author Invitation Status Report:** This report displays the status of all accepted author invitations and provides editors the option to send reminders.

**Editor Reports**

**Assignment Status Report:** This report displays all submissions in the review cycle between the time the editor is assigned and the author is notified of the decision.
New Assignments Report: This report allows you to view all outstanding editor (including associate and guest editor) assignments and/or outstanding editor invitations and allows you to view by one or more editors.

Required Reviews Complete Report: This report allows the user to select report parameters and editors to view manuscripts that have the required number of reviews complete.

Reviewer Reports

Reviewer Invited—No Response Report: This report allows the user to view a list of reviewers invited to review a manuscript who have not yet responded.

Reviewer Reminder Report: This report allows the user to view a list of reviewers who have received reminders regarding their pending assignments.

**Reviewer Reminder Letters**

There are three reports available allowing editors to track submissions that are out for review. Two reports allow the user to send reminder letters to the reviewers during the process, which can be individually customized, and the third function allows editors to set up an automated reminders.

The “Reviewer Invited—No Response Report” allows users to see all outstanding reviewer invitations.

The “Reviewer Reminder Report” allows users to see all submissions that have been out for review for a specified number of days, exposing reviewers whose due dates are approaching (“Due Date” is in the future) and/or reviewers who are late (“Due Date” has passed). Users can also enter an explicit date range, which exposes reviews due within the specified time frame; this may include both reviews that are late and that are not yet due.

The “Automated Reviewer Reminder” report allows users to set up a reminder report that will run nightly. The user selects a reviewer reminder letter and defines a set of criteria by which the report will run nightly. For example, a user may set up a report to send reminders to reviewers whose reviews are due in 10 days. The report is configured once, and every night the system checks all reviewers to find those whose reviews are due in 10 days exactly (not within the next 10 days) and sends the selected reviewer reminder letter. Please contact the editorial office to use this function.

Summary and Annual Reports

Document Classification List Report: This report is a list of all documents and their assigned classifications between the chosen start and end dates (based on document received date) grouped by final disposition (including <blank>).

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Reviewer Performance Report: This report is a summary of reviewer activity for all submissions received by the journal office during the selected time period. Detailed performance statistics are provided for each reviewer, along with a link to more detailed information about each reviewer.

Editor Performance Report: This report is a summary of activity for all editor assignments during the selected time period. A decision summary is provided, along with turnaround time and key statistics indicating editor performance.

Journal Accountability Report: This report provides a detailed summary of journal office activity and key statistics during the specified time period.

Manuscript Country/Region of Origin Summary Report: This report provides a summary of all submitted manuscripts between the chosen start and end dates (based on initial date submitted) grouped by final disposition (including incomplete) and sorted by the corresponding author’s country or manuscript region of origin. This includes percent reject/accept, average days to review and average days from receipt to final disposition.

Manuscript Country/Region of Origin Detail Report: This report provides a summary of all submitted manuscripts between the chosen start and end dates (based on initial date submitted) grouped by final disposition (including incomplete) and sorted by the corresponding author’s country or manuscript region of origin. This includes percent reject/accept, average days to review and average days from receipt to final disposition.

Reviewer Country of Origin Report: This report provides a summary of all reviews assigned between the chosen start and end dates (based on role start date) grouped by final disposition (including incomplete) and sorted by the country of origin of the reviewer. This includes percent reject/accept, average days to review and average review rating.

ISO Standard Country Comparison Report: This report compares the address record for all users to the ISO 3166-1 Newsletter V-8 standard list of countries. Any mismatches appear on the report. To create a tab-delimited data file of the report results, check the box below. Click the submit button to run the report.
4.5 Editorial Manager™ Frequently Asked Questions

What do I need to do to use the online peer review manuscript tracking system, Editorial Manager™?
How do I update my contact information in Editorial Manager?
How do I change my password?
What if I forget my password?
What kind of user should I log-in as: Author, Reviewer, Editor, or Publisher?
Who is the “corresponding author” and what are his/her responsibilities?
How can I submit a paper to the AAPS e-journals?
What happens to my manuscript after I submit it?
What happens if my manuscript is not accepted for review?
Once I submit a manuscript, how can I check the status of my submission?
May I suggest reviewers for my manuscript?
Can Editorial Manager contact me at multiple email addresses?
How can I notify Editorial Manager if I am unavailable for a prolonged period of time?
Is the order in which the authors are listed of any significance?
Is it necessary to select classifications for my manuscript?
Are certain fonts better than others?
Some components of my manuscript are not in electronic format; what should I do with these?
How do I submit the legends for my figures?
If my Internet connection goes down while I’m inputting or updating a record, is the information saved?
If I leave Editorial Manager to search the Web, do I need to log back in?
What does it mean when a submission is incomplete?
If an author is asked to revise a manuscript, how does he/she submit the revisions?
I’m trying to attach a file to my manuscript submission but it isn’t attaching. What can I do to make it work?
What file formats does Editorial Manager accept?
Can I do a partial submission and come back later to finish it?
If I make a mistake while submitting my manuscript, should I abandon it and start it over as a new submission?

How can I contact the AAPS Editorial Office?

Will I receive proofs of my accepted article?

Do the AAPS journals use DOI designation for citations?

Do the AAPS journals and Springer support publishing in PubMed Central for NIH Grantees?

How can I obtain permission to use copyrighted material from the journal?

How can I order reprints?
What do I need to do to use the online peer-review manuscript tracking system, Editorial Manager™?

If you have not registered with Editorial Manager for The AAPS Journal or AAPS PharmSciTech, you will need to do so before submitting a manuscript. Simply go to www.editorialmanager.com/aapsj (for The AAPS Journal) or www.editorialmanager.com/aapspt (for AAPS PharmSciTech) and click on “Register” under the journal title. The AAPS Journal and AAPS PharmSciTech share a common user database; registration in both journals is unnecessary.

How do I update my contact information in Editorial Manager?
You must make changes to your existing profile information by clicking the “Update My Information” link on the main navigation menu after log-in to Editorial Manager. You may log-in at either www.editorialmanager.com/aapsj or www.editorialmanager.com/aapspt.

How do I change my password?
Although Editorial Manager automatically assigns a password to your account, you may change yours at any time using the following instructions:

Use your assigned username and password to log-in to Editorial Manager. Select “Update My Information” on the main navigation menu. This will place you in the user registration form that you completed to originally register.

In the field next to “Password:” you may overwrite your current password with a new password. Click the “Submit” button at the bottom of the form. The next time you log-in to Editorial Manager, you must use your new password.

What if I forget my password?
Editorial Manager can send you an informational email if you forget your password. Please follow the instructions below.

Click “Login” on the main navigation menu in Editorial Manager. Select “Forget Your Password?” Enter your username and email address. Click “Send Password.” You will then receive an email containing your password.

What kind of user should I log-in as: Author, Reviewer, Editor, or Publisher?
You may log-in to Editorial Manager as soon as you are successfully registered. Authors must choose “Author Login,” reviewers must choose “Reviewer Login,” and so forth.

Select “Login” on the main navigation menu. Enter your username and password. Next click the button that corresponds to your role within Editorial Manager. If you hit the enter key on your keyboard, you will automatically be logged in as an author. Once you are logged in properly, a menu of actions specific to your role within the system will be presented.
Who is the “corresponding author” and what are his/her responsibilities?
The corresponding author is the person who is responsible for the manuscript as it moves through the journal’s submission process. This person must be registered with Editorial Manager, as all correspondence pertaining to the manuscript will be sent to him/her via the system. The corresponding author is, by default, the author who initially uploads the manuscript into Editorial Manager. If anyone else uploads the manuscript on behalf of the corresponding author, he/she must log-in with the corresponding author’s username and password.

The corresponding author is also the person responsible for making edits and submitting revisions to the manuscript. The corresponding author is the only author able to view the manuscript’s progress through Editorial Manager, and he/she is responsible for relaying details about this process to the other manuscript authors. The corresponding author is responsible for incorporating changes and representing all authors in the process.

How can I submit a paper to the AAPS e-journals?
Once you have completed your manuscript and ensured it adheres to our Author Instructions, you may submit to the AAPS e-journals at www.editorialmanager.com/aapsj (The AAPS Journal) or www.editorialmanager.com/aapspt (AAPS PharmSciTech). Access to the author instructions is located on the log-in page for each journal. If you have not registered with Editorial Manager for The AAPS Journal or AAPS PharmSciTech, you will need to register before submitting a manuscript. See also, “What do I need to do to use the new online peer-review manuscript tracking system, Editorial Manager™?” item #1 for registration instructions.

What happens to my manuscript after I submit it?
After you, the corresponding author, submit your manuscript, it is assigned to an editor. The editor will evaluate the manuscript on its scientific originality and support of the content and will make a decision as to whether a manuscript will be placed into peer review.

If the manuscript is placed into peer review, the editor will invite reviewers to comment on your manuscript. Once all reviews have been completed, you will receive reviewer and editor queries and comments and you may be requested to respond to and revise your manuscript according to these queries. You will be notified whether your manuscript requires minor or major revisions.

You must always work with and make edits to your initial submission. Brand new submissions uploaded in response to revision requests will not be accepted and the AAPS Editorial Office may remove these from Editorial Manager. When you have revised your manuscript and addressed the reviewers’ and editors’ concerns, you may submit your revision. The editor will then review the revised submission and determine if further review and/or revision is necessary or if your manuscript is acceptable for publication.
When your manuscript is accepted for publication, it will enter the production process. See also “Will I receive proofs of my accepted article?” item #28 for further information on the galley proof and production process.

**What happens if my manuscript is not accepted for publication?**
If your manuscript is rejected, you will receive editor and reviewer comments. The editor may also provide information if further action applies.

**Once I submit a manuscript, how can I check the status of my submission?**
A corresponding author may view the status of any manuscript that he/she has submitted to a particular journal. The corresponding author can simply log-in to Editorial Manager using his/her username and password to view the status of a manuscript. The corresponding author will also be notified by email any time the status of a manuscript changes.

**May I suggest reviewers for my manuscript?**
At the time of submission, the corresponding author may request up to four reviewers who are qualified in the subject of the submitted manuscript. Authors may also request the exclusion of up to four reviewers. These requests may be made during the submission process and may also be included in the cover letter submitted with the manuscript. Please include the suggested/excluded reviewer's title, full name, and affiliations as well as his/her email address. Please also include a telephone number for suggested reviewers. Your suggestions for reviewers will only be visible to the editor and will not be visible to the invited reviewers.

**Can Editorial Manager contact me at multiple email addresses?**
Yes. Editorial Manager can contact you at multiple email addresses, if you provide them in your profile. When initially registering online with Editorial Manager, type the multiple email addresses in the Personal Information section using a semi-colon between each address (e.g., joe@thejournal.com; joe@yahoo.com). If you have already registered, you can add email addresses by selecting “Update My Information” on the main navigation menu.

**How can I notify Editorial Manager if I am unavailable for a prolonged period of time?**
Select “Update My Information” on the main navigation menu and then click on the “Alternate Contact Information” button in the Personal Information section. Not only can you enter information for an alternate contact, but you can also specify the time period for the alternate contact.

**Is the order in which the authors are listed of any significance?**
The AMA Manual of Style, 9th ed., makes the following assertions: Only those individuals who meet the criteria for authorship may be listed as authors. The first author has contributed the most to the manuscript, and the last author has contributed the least.

Decisions about the order of authors must be made before a manuscript is submitted and must be resolved by the authors (not the editor).
Is it necessary to select classifications for my manuscript?
You are required to select classifications for your manuscript to enable the editor to invite reviewers who have identical or similar classifications to your submission.

You will also be required to select personal classifications for yourself upon registering with Editorial Manager, or when you update your account information. Entering this information allows our editors to search for appropriately qualified reviewers for new submissions.

Are certain fonts better than others?
Although it is not required, Arial font (10 point) is preferred. It is essential, however, that you use symbol fonts for special characters, including mathematical signs and symbols, as well as Greek letters.

Some components of my manuscript are not in electronic format; what should I do with these?
Since The AAPS Journal and AAPS PharmSciTech use Editorial Manager, all manuscript components must be in electronic format, including figures. Please review the Author Instructions for additional details on figure file formats.

How do I submit the legends for my figures?
All legends must begin with a short descriptive sentence that sums up the intent and content of the data contained in the figure. The caption should be concise and consist of approximately 30 words. All captions for figures/artwork should be separated from the manuscript text and collated in a separate section called “Figure Legends;” this legend should be on a separate page at the end of the manuscript following the references list or may be included in the manuscript inventory as a separate Microsoft Word document.

If my Internet connection goes down while I’m inputting or updating a record, is the information saved?
It depends on the process on which you were working. Most data is saved in Editorial Manager instantaneously. If you are completing a form, such as a reviewer form in Editorial Manager, the data will be saved when you save or submit that form. It is wise to check that the record in Editorial Manager was updated when your connection was lost.

If I leave Editorial Manager to search the Web, do I need to log back in?
If you leave Editorial Manager without clicking “Log out” on the top of the page, you remain logged in as a user. You are able access other Web sites and then return to Editorial Manager. We do suggest that you open another browser window tab if you are frequently toggling between Editorial Manager and other Web sites; clicking the back and forward buttons may disrupt your Internet connection to Editorial Manager.

Editorial Manager, will time-out after an extended period of nonuse, and you will be prompted to log back in. Since Editorial Manager is accessible from any computer with Web access, the timing-out of your session is a security measure.
What does it mean when a submission is incomplete?
If the corresponding author neglects to click the “Approve Submission” link after creating and reviewing the PDF of his/her manuscript, the submission will be classified as “Incomplete.” Incomplete submissions ARE NOT transmitted to the AAPS Editorial Office and, instead, will be moved to the author’s “Incomplete Submissions” folder under the author main menu.

If an author is asked to revise a manuscript, how does he/she submit the revisions?
Select “Main Menu.” Please review the collection of links that are organized by category, found under “Revisions,” which allow you to perform actions on your revised submission. Editorial Manager will guide you through the steps required to revise your manuscript.

The “Submissions Needing Revision” folder contains manuscripts with a “Revise” editorial decision, waiting for author action to revise.

The “Incomplete Revisions” folder contains revisions that are works-in-progress. Any revised manuscripts that are not yet complete and for which you have not built a PDF are also found in this folder.

The “Revisions Waiting for Author’s Approval” folder contains all revised manuscripts for which you have built the PDF but have not yet viewed the submission and the art quality checker and approved the file for submission to Editorial Manager. This folder contains information such as the title, date submitted, status date, and current status of your manuscript.

The “Revisions Being Processed” folder contains revised manuscripts that are in the reviewed and/or edited process. You may check on the status of your manuscript as well as view the PDF of your submission by clicking “View Revision” in the “Actions” column.

The “Declined Revisions” folder stores all manuscripts that you declined to revise. If you declined in error, you are able to reinstate your revision here.

I'm trying to attach a file to my manuscript submission but it isn't attaching. What can I do to make it work?
It is possible that your computer has insufficient memory available due to multiple applications being open. Close all applications and/or reboot your computer. Try to attach the file again running only the necessary browser application (Netscape, Internet Explorer, Mozilla, etc.) to access Editorial Manager.

What file formats does Editorial Manager accept?
The manuscript text may be submitted in PDF format for the initial submission only. All subsequent revision submissions must be in Microsoft Word. Editorial Manager also accepts figure files in the following formats: .pdf, .eps, .tiff, .bmp, .jpg, or .png. If you are using the .eps file format, you must save with “fonts included” and use the .tiff
preview. Please refer to the figures section in the author instructions for additional details regarding figure file quality and formatting.

**Can I do a partial submission and come back later to finish it?**
Yes. Once you have provided a title for your submission, you can exit the system and continue the process at another time, without saving the file. You will find an unfinished submission in your “Incomplete Submissions” folder on your main menu. The AAPS Editorial Office will not receive your manuscript until you complete and officially “review and approve” your submission.

**If I make a mistake while submitting my manuscript, should I abandon it and start it over as a new submission?**
No. You will always be able to delete any part of your submission that you may have entered incorrectly (e.g., a file that you may have uploaded by mistake). You must click “Remove” to delete files you do not want attached to your manuscript.

**How can I contact the AAPS Editorial Office?**
You may contact the journal’s editorial office by clicking “Contact Us” in the toolbar at the top of your Editorial Manager screen and composing an email.

**Will I receive proofs of my accepted article?**
Yes. You will receive an email from Springer Customer Support when your galley proof is available online. You will be provided a username, password, and a link to your online proof. Please review the proof and respond to all queries. You will be instructed how to approve the proof and/or submit corrections.

This proof process will be the only opportunity you will have to view and correct the manuscript prior to publication. As corresponding author you are responsible for answering all copyediting and proofing queries and relaying details about this process to all manuscript authors. When your corrections to the proof are incorporated, your article will be published online.

**Do the AAPS journals use DOI designation for citations?**
Yes. Assigning a DOI to each cited reference ensures that a persistent link to the work is included for readers. A DOI, as stated on the CrossRef Web site (www.crossref.org), is “A unique alphanumeric string assigned to a digital object—in this case, an electronic journal article or a book chapter. In the CrossRef system, each DOI is associated with a set of basic metadata and a URL pointer to the full text, so that it uniquely identifies the content item and provides a persistent link to its location on the internet.”

**Do the AAPS journals and Springer support publishing in PubMed Central for NIH Grantees?**
If you choose to publish your article as open access within the Springer Open Choice program, Springer deposits the final published version of your article into PubMed Central, and it is made immediately publicly accessible. The copyright will remain with you, and the article will be published under the Creative Commons Attribution-
Noncommercial License. The cost of Springer Open Choice (USD 3,000/ EUR 2,000) is—as stated on the NIH Web site—a permissible cost in your grant.

If you choose to publish your article with the traditional subscription-based model (without open access), you may notify Springer to deposit the author’s accepted version of your article into PubMed Central where it will be made publicly available 12 months after publication. Within Springer’s MyPublication process, we will inform you on how to notify us. Please note that we require your full NIH grant number and can only process requests with a full and properly formed grant number. An example would be: “R01 GM012345-03”. For further information on this process please visit Springer.com open access.

How can I obtain permission to use copyrighted material from the journal? You can download the copyright permission PDF at www.aapspharmscitech.org/copyright/permissions.pdf, fill out the form, and then either email or fax the completed form to the AAPS Editorial Office. All permission responses will be made in writing either via email or conventional mail.

How can I order reprints? You will be given the opportunity to order reprints during the galley proof process. For additional reprint requests after the article is published, contact the AAPS Editorial Office at permissions@aaps.org with the article information (journal title, author name, title, and article number) and quantity of reprints needed. Please note that the minimum quantity for any order is 100. AAPS will provide you with a price quote based on the number of copies ordered, artwork in the article, and where the reprints are to be shipped. Additional fees may apply for international shipping or for reprints used in commercial endeavors.
5.1 The AAPS E-journals Instructions for Authors

The following instructions pertain to submissions to the AAPS electronic journals: The AAPS Journal and AAPS PharmSciTech.

**TYPES OF MANUSCRIPTS**

The AAPS Journal publishes the following article types. For examples of published articles, please visit www.Pharmagateway.net.

**Reviews**, usually by invitation and organized into themed issues, report on recent advances in pharmaceutical research.

**Mini-Reviews** discuss a more narrowly focused topic of recent research. Unsolicited 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, authors should review and adhere to the consensus report review and publishing guidelines available at www.aapspharmaceutica.com/inside/refguide/ConsensusReport-2007.pdf. The corresponding author must complete and submit the corresponding author’s consent to publish consensus report (www.aapspharmaceutica.com/inside/refguide/Consensus_Rpt_-_Corresponding_Author_Consent_Form.pdf) and all contributing authors must complete and submit the contributing author’s consent to publish consensus report, available at www.aapspharmaceutica.com/inside/refguide/Consensus_Rpt_-_Contributing_Author_Consent_Form.pdf.
Meeting Notices provide readers with information on an upcoming AAPS or AAPS-affiliated meeting, including the meeting title, date, time, location, an outline and 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 Web page. Meeting notices should be submitted to the AAPS editorial office two to three months prior to the meeting.

Letters to the Editor may be submitted by readers commenting on articles the already published in the journal.

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

MANUSCRIPT SUBMISSION

AAPS uses EM as its peer-review tracking system. Manuscripts must be submitted online by the corresponding author at www.editorialmanager.com/aapsj/. You may be required to register as a new user with EM upon your first visit. Straightforward log-in and registration procedures can be found on the Web site. EM allows authors to track the progress of manuscript review in real time. Detailed, step-by-step instructions for submitting manuscripts can be found on the Web site. Manuscripts must be created and saved in Microsoft® Office Word for Windows (EM and AAPS cannot accommodate files created in the new Microsoft Office Word .docx file format at this time). All correspondence regarding your manuscript must go through EM.

Special Features, Appendices and Supplementary Material

Special features, appendices and supplementary materials can be accommodated; they may contain highly interactive features or large databases. All authors are encouraged to take full advantage of the Web-only capabilities of online publishing, including 3-D, video and interactive graphics. If a desired technical feature is not covered in the author instructions, please contact the AAPS editorial office (AAPSJsubmit@aaps.org) for assistance. The author must create all special features.

Authors who wish to publish electronic supplementary material to their article (Excel files, images, audio/video files [mpeg-1 video format only]) must submit the supplementary files/materials with their manuscript submission via EM. The journal cannot support large database files as supplementary material. Note that supplementary files are not automatically included in the reviewer PDF. Please note in the cover letter if reviewers should evaluate these materials.

Hypertext Links

Authors may identify URLs for Web sites that provide the reader with additional information on the topic addressed in the manuscript. Although URLs are an important feature of electronic publishing, authors are encouraged to be selective in their choice of
sites to include. Do not include URLs for Web pages with newspaper or journal articles that will be removed or archived to another Web page. Links to pharmaceutical manufacturers or other sources of product information are acceptable; however, providing a URL to the reader should not be substituted for adequate discussion within the manuscript itself. Do not include links to sites that are not accessible without a password.

TERMS OF MANUSCRIPT CONSIDERATION

AAPS Journals Ethics Policy

The EIC of the two AAPS e-journals—The AAPS Journal and AAPS PharmSciTech—along with the AAPS Publications Committee developed an integrated ethics policy to guide decision-making across the two journals. The document is based on the recommendations on publication ethics policies for medical journals that WAME publishes and is posted at www.wame.org/resources/ethics-resources and subscribed to by almost 1,000 journals.

Authors are required to review and adhere to the AAPS Journals Ethics Policy (www.aapsj.org/about/AAPS-ethicspolicy-2007.pdf) in full prior to submitting manuscripts to The AAPS Journal. Excerpts from the policy are outlined below.

Full Disclosure

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. Moreover, The AAPS Journal will not publish any manuscript unless the chemical structures of all compounds are fully disclosed when they are relevant to the consideration of the science involved, either by reference to prior work providing such data or by inclusion of such data in the manuscript.

Conflicts of Interest

Authors will be required to declare all conflicts of interest (or their absence) during the submission of a manuscript. This conflict declaration includes conflicts or potential conflicts of all listed authors. If any conflicts are declared, AAPS will publish them with the paper. In cases of doubt, the circumstance should be disclosed so that the editors may assess its significance.

Conflicts may be financial, academic, commercial, political or personal. Financial interests may include employment, research funding (received or pending), stock or share ownership, patents, payment for lectures or travel, consultancies, nonfinancial support or any fiduciary interest in a company.
Copyright Transfer

The Copyright Revision Act of 1976 (Public Law 94-533) requires that authors transfer their copyrights to the publisher, the American Association of Pharmaceutical Scientists, to provide for the widest possible dissemination of professional and scientific literature. A signed transfer of copyright form must be submitted online with the manuscript. The transfer of copyright form for an accepted manuscript must be on file with the AAPS editorial office prior to production for publication. Corresponding authors may print and sign the form on behalf of all authors. The transfer of copyright form can be found at www.aapsj.org/copyright/copyright.pdf.

Ethics in Animal and Clinical Investigations

Human Subjects and Clinical Trials

AAPS journals require author(s) at the time of manuscript submission to make a statement in the cover letter indicating documented review and approval from a formally constituted review board (Institutional Review Board or Ethics committee) for all studies involving people, medical records and human tissues per the uniform guidelines from the World Medical Association (www.wma.net/e/policy/b3.htm). Studies and research using human subjects, medical records and human tissues (including educational research) must also state this compliance within the Methods Section.

The AAPS journals also require that controlled clinical trials must be registered in a publicly available database or the journals will not publish the results of these trials. Manuscripts submitted to the journals must include trial registration information in the cover letter. To register a clinical trial, authors should go to the NIH registry (www.clinicaltrials.gov) or the International Standard Randomized Controlled Trials database (www.iisrctn.org). Further information can be obtained from the International Committee of Medical Journal Editors at www.icmje.org/faq.pdf.

Animal Use and Assurances

AAPS e-journals require author(s) at the time of manuscript submission to make a statement in the cover letter, indicating that animal experiments are conducted in full compliance with local, national, ethical, and regulatory principles and local licensing regulations, per the spirit of Association for Assessment and Accreditation of Laboratory Animal Care International’s expectations for animal care and use/ethics committees (www.aaalac.org/education/module_1.cfm). Investigations using experimental animals (including educational research) must also state this compliance within the Methods Section.

Originality of Manuscripts

Authors of manuscripts submitted to AAPS are obliged to present accurate representation of the research performed along with an objective discussion of the
significance of their findings. The author’s submission should be original work that reflects research undertaken with integrity and honesty, and that conforms to ethical practices outlined in the AAPS Journals Ethics Policy. Authors should be willing to reply to any reasonable request from editors, referees, and scientist for materials, methods, or data necessary for verification of the conclusions reported in the paper.

**Use of Copyrighted Tables and Figures**

A copy of the granted permission to use copyrighted figures and tables must be included with the submitted manuscript.

**Peer Review**

All submissions will be reviewed anonymously by at least two independent reviewers. Authors are encouraged to submit names and email addresses of expert reviewers, but selection remains a prerogative of the editors. Authors may include supplementary notes to facilitate the review process. If an accepted paper is cited that has not yet appeared in print and is required for evaluation of the submitted manuscript, authors should provide an electronic version for use by the reviewers. Authors are responsible for all statements in their work, including changes made by the copyeditor after a manuscript is accepted.

**MANUSCRIPT ORGANIZATION**

Several components of the manuscript must be submitted as individual files within EM: cover letter, title page, manuscript body (including references list), individual figure files, and the transfer of copyright.

(* indicates item is required for all manuscript types, unless otherwise specified)

**Cover Letter**

A cover letter is recommended but not required. Please note a cover letter is required for a rapid communication, all research papers that include animal or human subject use and when supplementary materials are included with the submission.

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

**Title Page**

The title page must be submitted as a separate file and should include the title of the article, author names with full first name (no degrees), each author’s affiliation and a suggested running head (of less than 50 characters, including spaces). The affiliation should comprise the department, institution (usually university or company), city, and state (or nation) and should be typed as a footnote to the author’s name. For the corresponding author designated to correspond with the editorial office and review
proofs, indicate his/her complete mailing address, office/cellular telephone number, fax number and email address.

*Transfer of Copyright Form:

A signed copy of the transfer of copyright must be submitted online as part of the manuscript submission process. The transfer of copyright is available at www.aapsj.org/copyright/copyright.pdf

Abstract

Only reviews, mini-reviews, original research articles, rapid communications and meeting reports require an abstract. The abstract is limited to 250 words or less. For research articles, the abstract should include a brief (two to three sentences) statement for each of the following sections—introduction, methods and materials, results and discussion, and conclusion—written in paragraph form. All abstracts must be written in one paragraph, with no subheadings, equations, tables, reference citations or graphics.

*Keywords

Authors must provide a list of no more than five keywords.

Introduction

An introduction is required for reviews, mini reviews, original research articles and meeting reports only.

*Main Text Body

Please include line numbers in the manuscript body text margins.

For original research articles, brief technical notes, rapid communications, organize the main text as follows: introduction, materials and methods, results, discussion and conclusion. Combining results and discussion is discouraged. The use of subheadings to divide the text is encouraged. Primary, secondary, and third level headings should be clearly defined but do not use numbers or letters.

Recommended word counts are as follows: reviews, original research articles and meeting reports: 5,000; mini reviews: 2,500; brief technical reports/note and rapid communications: 1,200.

Use abbreviations sparingly and define them at the first insertion in the text. Define all abbreviations used in tables within the table footnotes. Use the metric system for all measurements. Express metric abbreviations in lowercase letters without periods (cm,
mL, sec). Define all symbols used in equations and formulas. When symbols are used extensively, the authors may include a list of all symbols in a table.

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 three significant figures should be justified. The precision of the variability (e.g., standard deviation) should not exceed that of the reported mean value.

**Conclusion**

The conclusion should be a brief paragraph, containing three to four sentences, that summarizes the findings presented.

**Acknowledgments**

Include funding source(s) and other contributions. If NIH has funded the work, 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.

**References**

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.

Maximum reference limits are as follows: reviews, original research articles and meeting reports: 100; mini reviews: 40; brief technical notes and rapid communications: 20.

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Abbreviations for journal names should conform to those of Vancouver style. The style and punctuation of the references should conform to the following examples:

<table>
<thead>
<tr>
<th>Type</th>
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</table>

For a full description of the Vancouver reference style, including numerous examples, please access [www.nlm.nih.gov/bsd/uniform_requirements.html](http://www.nlm.nih.gov/bsd/uniform_requirements.html).

### Tables

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.

### Figures

*The AAPS Journal* offers authors the use of color figures in online published manuscripts, free of charge. Figures (as well as photographs, drawings, diagrams and charts) are to be numbered in one consecutive series of Arabic numerals in the order in which they are cited in the text. The captions for illustrations and figures should be separated from the text and collated in a separate section called “Legend to Figures.” All electronic artwork must be submitted online via EM. Figure files should be submitted in TIFF or EPS format (1200 dpi for line and 300 dpi for half-tones and gray-scale art); however, .jpeg, .gif, and .bmp files may also be submitted as long as the dpi specifications above are met. Use of a professional graphics program such as Adobe® Photoshop to edit and/or save photographs and graphics is highly recommended. Because of difficulties with exporting graphics from Microsoft PowerPoint, original graphics (those imported into PowerPoint) must be saved in an acceptable file format (above). Microsoft PowerPoint and Microsoft Word figure files will not be accepted.
The maximum combined count for tables and figures are as follows: Reviews, Original Research Articles and Meeting Reports: 15 (suggested); Mini Reviews: 6, Brief Technical Notes, and Rapid Communications: 6.

**Footnotes**

Footnotes 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.

**English Language Composition**

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5.3 Production flow chart: Springer online first and issue compilation

Online First Article workflow:
- Article accepted by Editor - Final Disposition set by AAPS Production Mgr (PM) in AAPS Ed Office to migrate files to Springer
- Within hours if copyright on file
- Within 24 hours
- Springer Production Editor: Reviews metadata and forwards files to vendor (SPI)
- Within 14 days
- SPI copyedits and lays out pages – sends stage 150 Inquiry to Author for open choice, reprints, etc. (author response required)
- Within 48 hours
- SPI sends galley proof PDFs to Authors, Editor, & AAPS PM
- Authors, AAPS, and Editors return corrections to SPI
- Within 5 days
- SPI incorporates changes and returns final PDF to Springer and AAPS PM
- Within 48 hours
- Springer Production Editor performs quality check
- Within 48 hours
- Approved articles posted to SpringerLink and metadata released to Pubmed, etc.
- Within 24 days

Online issue workflow:
- AAPS PM Compiles Quarterly - Online First line-up (EIC gives final approval)
- To desired publish date
- AAPS PM sends line-up to Springer production editor with vol/issue updates, which are then forwarded to SPI
- Within 2 days
- SPI creates paginated issue and returns to Springer
- Within 1-2 weeks
- Springer Production Editor performs quality check
- Within 48 hours
- Approved files uploaded to SpringerLink with Vol/Iss #, and initial files pulled from Online First
- Within 48 hours
- Springer
- AAPS
- Vendor-SPI