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# Journal of Regulatory Science

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## Journal Description

The Journal of Regulatory Science (JRS) is an online open-access journal intended for scholars with an interest in regulatory science. The JRS publishes free of charge, peer-reviewed scientific manuscripts, proposed standard evaluations and rapid communications to advance the discipline of regulatory science.

The JRS is devoted to the consideration of risk management tools, standards, and practices to improve the protection and compliance of regulated products. It is the mission of the Journal of Regulatory Science to facilitate an open dialogue among regulatory scientists from the global community.

The JRS follows a continuous publication model, which allows for quicker publication of manuscripts, benefitting both contributors and readers. Each year, beginning in January, articles will be published throughout the year, as soon as they go through the usual peer review and production process. At the end of the year, the issue will be closed, and the next year's issue will begin again the following January.

The scope of the JRS is comprehensive and includes the regulation of food and feed, the environment, drugs, transportation, communications, and other related fields. Topics addressed by the JRS include:

- Regulation, standardization, and codes practices;
- Harmonization and equivalency;
- Product testing, method development, monitoring and surveillance, researches and technologies for product safety, environment protection, and energy reservation;
- Food contamination and adulteration;
- Consumer, markets, and cost benefit analysis;
- Hazard analysis, HACCP, HARPC, and product safety;
- Risk analysis and communication;
- Quality assurance and control;
- Good manufacturing practices, good laboratory practices, and good clinic practices;
- Gap analysis, implementation, and evaluation of regulatory practices and improvement;
- Environmental control; and
- Education, training, and outreach.

Submissions that do not fulfill these requirements will not be considered for review.

## Types of Papers

The JRS welcomes original scientific articles, reviews, rapid communications, policy commentaries, and letters to the editors that deal with every aspect of regulatory science. Descriptions of these article types and their recommended word count are included below. For questions related to article types, descriptions, or word counts, please contact our Editor-in-Chief at [JRSorg@otsc.tamu.edu](mailto:JRSorg@otsc.tamu.edu).

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| Type                        | Description  | Length                                 |
|-----------------------------|--|--|
| <b>Scientific Articles</b>  | Presents original work to advance the science of creating tools, standards, and practices to improve the protection and compliance of regulated products. Content is of a strong interdisciplinary interest, or unusual interest to the specialist.  | Up to 10,000 words                     |
| <b>Review Articles</b>      | Description or evaluation of a book or other materials of interest to the general audience in regulatory science. Should be broad in scope and be of interest to the general audience in regulatory science.   | Varies based on content being reviewed |
| <b>Policy Commentaries</b>  | Presents an evaluation of a regulatory standard, impact analysis of a regulatory standard, or related investigations.  | Up to 8,000 words                      |
| <b>Rapid Communications</b> | Presents a singular point of immediate interest to the regulatory community in response to a current or pending incident that may include an inspection technique, analytical procedure, or implications of a policy decision. May contribute to one sub-discipline of regulatory science. | Up to 4,000 words                      |
| <b>Letters to Editor</b>    | <i>Considered on a case by case basis. Contact the Editor-in-Chief for consideration.</i>  |  |

## Audience

All regulatory scientists, managers, technologists and legislators working in the food and feed, environmental, pharmaceutical, transportation, and communications industries are invited to participate as readers, authors and reviewers.

## Submissions

The submission process is entirely online, and you must be registered as an author to submit articles. To register:

1. Complete the registration form here:  
<https://journals.tdl.org/regsci/index.php/regsci/user/register>
2. Select the "Author" checkbox.
3. Click "Register" to return to the user home page.

To submit an article for consideration:

1. Login here: <https://journals.tdl.org/regsci/index.php/regsci/login>
2. Start your submission here: <https://journals.tdl.org/regsci/index.php/regsci/about/submissions>  
(Note: You can save your progress at any time during the submission process and return to complete the submission at a later date by selecting "Active Submissions" from the Author Home page.)
3. Complete the 5-step submission process outlined below:

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### Step 1. **Start**

- Select the appropriate section for your submission from the drop down menu.
- Once you have selected the appropriate section, confirm that your submission falls within the Section Policy description (see “Types of Papers” above).
- Indicate that the submission is ready to be considered by the JRS by checking off the items in the Submission Requirements.
- In the "Comments for the Editor" text box, include suggestions (name, title, email) for three potential suitable reviewers who are well versed in the field of your manuscript.
- Indicate that you agree to the terms of the copyright statement.
- Click "Save and continue".

### Step 2. **Uploading Submission**

- Select the submission file you wish to upload.
- Select the type of file you have uploaded from the Article Component drop down menu.
- Click "Continue".
- *Repeat the above steps for any supplementary files you wish to upload. Supplementary files might include research instruments, data sets, sources that otherwise would be unavailable to readers, figures or tables that cannot be integrated into the text, or other materials that add to the contribution of the work.*
- Review the details of the file you have uploaded.
- Click "Continue".
- Click "Complete" to confirm that you are finished uploading files.
- Click "Add Another File" to add any additional files.

### Step 3. **Enter Metadata**

- Enter the title and abstract.
- Click "Add Contributor" to enter additional author information. You will need to enter the full name, email, and country for each author.
- Provide at least 2 sub-disciplines that your submission falls under in the "Additional Refinements Subjects" box.
- Provide 4-8 keywords (or phrases) to facilitate online searches in the "Keywords" box.
- Provide a formatted list of references for works cited in this submission in the "References" box. Citations should follow the referencing style outlined in the References section, starting on page 5 of this document.
- Click "Save and continue".

### Step 4. **Confirmation**

- Your submission has been uploaded and is ready to be sent. At this point, you are able to go back to review and adjust any of your submission

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information. Only continue once you are finished with any and all editing and are prepared to submit your submission.

- Click "Finish Submission".

### Step 5. **Next Steps**

- Your submission is complete. Once you have finished the submission process, the submission's principal contact will receive an acknowledgement by email and will be able to view the submission's progress through the editorial process by logging in to the journal website.

## Author Guidelines

Authors agree to adhere to the following guidelines:

### *Manuscript Length*

- Scientific Articles: up to 10,000 words
- Policy Commentaries: up to 8,000
- Rapid Communications: up to 4,000 words
- Review articles: Varies based on content being reviewed

Word limits include table and figures, but do not include the abstract or references. The JRS is amenable to longer articles. Please contact the Editor to discuss.

### *Submission Format*

- JRS only accepts submissions through the Texas Digital Library electronic journal system at <https://journals.tdl.org/regsci/index.php/regsci/submit/wizard>
- Submissions must be made in a common word processing file format (e.g., .doc)
- Submissions must be made in English
- Single-column format with simple layout (e.g., do not justify text)
- Double-spaced with one-inch margins
- Legible font (Times New Roman or Arial, 12 pt)
- Use line numbering
- Employ italics, rather than underlining
- Indent paragraphs ½ inch
- Spell out any number less than 10, unless paired with a mathematical symbol
- Define abbreviations in a footnote on the first page of the article and ensure consistency throughout the text
- Include a title located above each table
- Include a caption below each table or figure
- All photos and figures should be submitted as separate supplementary files in .jpeg or .pdf format. Please do not submit files that are too low in resolution.
- Headings should be left justified with a single space between the heading and subsequent text

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- p. References should follow the referencing style outlined in the References section, starting on page 5 of this document.

### ***Recommended Scientific Article Structure***

- a. **Title Page**: All articles should include a title page with the full names of the authors and their affiliations.
- b. **Abstract**: All manuscripts should include an abstract of no more than 200 words. Do not include diagrams or references to the text within the abstract.
- c. **Keywords**: Provide a maximum of eight keywords, avoiding acronyms and abbreviations, for indexing purposes.
- d. **Introduction**: Provide a context for your manuscript, state the objectives of the work and provide an adequate background. Avoid a detailed literature survey or summary of the results.
- e. **Materials and Methods**: Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described.
- f. **Results**: Present a clear and concise description of the results.
- g. **Discussion**: This section should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.
- h. **Conclusions**: The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results section.
- i. **Appendices**: Identify multiple appendices as A, B, etc. Provide separate numbering for equations and formulas (e.g., 1), as well as tables and figures (e.g., Table 1, Fig. 1, etc.)
- j. **Highlights**: A short list of bullet points to convey the essence of the submission is optional.
- k. **Acknowledgements**: Acknowledge those who contributed to the research and refinement of the article in a separate section preceding the references. Do not include acknowledgements on the title page or within other sections of the article.
- l. **Footnotes**: Use footnotes sparingly with consecutive Arabic numbering throughout the article
- q. **References**: When available, provide the URLs for references accessed online along with the last date of access. Ensure that URLs are ready to click (that is, <http://pkp.sfu.ca>)
- r. **Supplementary Material**: Supplementary material will be accepted to support and enhance scientific study. The supplementary material will offer the possibilities to publish supporting data, images, videos and more.

### ***References***

- a. References should be arranged first alphabetically and then further sorted chronologically as necessary. More than one reference from the same author(s) in the same year must be identified by the letters 'a', 'b', 'c', etc., placed after the year of publication.
- b. Provide a digital object identifier (DOI) link whenever possible (e.g., <https://doi.org/10.21423/jrs-v07fischer> or doi: 10.21423/jrs-v07fischer). If a DOI is not available, provide the website URL.

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- c. References should begin with the author's last name, followed by a comma, then the initial(s) of their first name.
  - i. If there are multiple authors, place a comma between each of the author names and an ampersand (“&”) before the last author's name.
  - ii. The JRS includes the last names and first initials of all authors, regardless of the number of authors, and does not use ellipses (“. . .”).
  - iii. Authors with hyphenated first names should be included with hyphenated first initials (e.g., “Lee, K-M.” for Kyung-Min Lee).
  - iv. If the author's name has a suffix (e.g., Jr, Sr., III), include the suffix after the initials (e.g. “Turner, H. M., III.” for Herbert M. Turner III).
  - v. If the author is an organization or a group, write out the full name without any acronyms. If it is a governmental organization, include the country's name (e.g., U.S. Department of Agriculture).
- d. The publishing year should be included after the author names in parentheses. If there is no publishing year, use “(n.d.)” for no date.
- e. Journal titles should be italicized and written out in full, not abbreviated. Include the volume, issue, and page numbers when available (e.g., “*Journal of Regulatory Science*, 5(1), 1-5” for the Journal of Regulatory Science's Volume 5, Issue 1, pages 1 through 5).
- f. Electronic sources should include an access date, especially for sources with information that is updated regularly or otherwise subject to change (e.g., “Retrieved September 1, 2020 from [www.website.com](http://www.website.com)”).
- g. Include an identifier in your reference, immediately after the title, if it is in a language other than English (e.g., “(in Spanish)”).
- h. Personal communications, such as emails or telephone conversations, should be included in parentheses as an in-text citation, but not in the reference list.

### Reference Examples

#### Reference to a journal article:

Bushey, D. F., Bannon, G. A., Delaney, B. F., Graser, G., Hefford, M., Jiang, X., Lee, T. C., Madduri, K. M., Pariza, M., Privalle, L. S., Ranjan, R., Saab-Rincon, G., Schafer, B. W., Thelen, J. J., Zhang, J. X. Q., & Harper, M. S. (2014). Characteristics and safety assessment of intractable proteins in genetically modified crops. *Regulatory Toxicology and Pharmacology*, 69(2), 154-170. <https://www.doi.org/10.1016/j.yrtph.2014.03.003>

Bradshaw, C. P., Milam, A. J., Furr-Holden, C. D. M., & Lindstrom-Johnson, S. (2015). The School Assessment for Environmental Typology (SAfETy): An Observational Measure of the School Environment. *American Journal of Community Psychology*, 56(3-4), 280-292. <https://www.doi.org/10.1007/s10464-015-9743-x>

Huang, S., Hu, J., Liu, M., Wu, R., & Wang, X. (2017). Density Functional Theory Calculation and Raman Spectroscopy Studies of Carbamate Pesticides (in Chinese). *Guang Pu Xue Yu Guang Pu Fen Xi*, 37(3).

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### Reference to a journal article that has been submitted but not yet published:

Robin, D. & Marchand, P. A. (2018). Low-risk substances, new effective category of biocontrol agents as lever for durable crop protection products. *Chronicle of Bioresource Management*, 1(1). Manuscript submitted for publication.

### Reference to a book:

Crocker, L., & Algina, J. (1986). *Introduction to Classical and Modern Test Theory*. Holt, Rinehart, and Winston.

Van Grieken, R., & Markowicz, A. (2001). *Handbook of X-Ray Spectrometry*. CRC Press.

### Reference to a chapter in an edited book:

Baron, R. L., & Merriam, T. L. (1988). Toxicology of Aldicarb. In G. W. Ware (Ed.), *Reviews of Environmental Contamination and Toxicology* (Vol. 105, pp. 1-70). Springer.

[https://www.doi.org/10.1007/978-1-4612-3876-8\\_1](https://www.doi.org/10.1007/978-1-4612-3876-8_1)

Osborne, B. G., Fearn, T., & Hindle, P. H. (1993). Near infrared calibration II. In B. G. Osborne, T. Fearn, & P. T. Hindle (Eds.), *Practical NIR Spectroscopy with Applications in Food and Beverage Analysis* (pp. 121-144). Longman Scientific & Technical.

### Reference to a conference, presentation, audio book, or podcast:

Ferro-Luzzi, A. (2003, June). *Keynote Paper: Individual food intake survey methods* [Presentation]. Presented at the International Scientific Symposium Measurement and Assessment of Food Deprivation and Undernutrition, Rome, Italy. Retrieved from

<http://www.fao.org/3/y4249e/y4249e0a.htm#bm10>

International Centre for Diffraction Data. (n.d.). Denver X-Ray Conference [Conference]. Retrieved January 2, 2019 from <http://www.dxcicdd.com/>

Freemantle, M. (2017, March 29). *Mercuric chloride* [Audio podcast]. Retrieved January 2, 2019 from <https://www.chemistryworld.com/podcasts/mercuric-chloride/3007044.article>

### Reference to an electronic source:

Cancer Today. (2012). *Cancer Fact Sheet*. Retrieved September 30, 2019 from <https://gco.iarc.fr/today/fact-sheets-cancers>

U.S. Food and Drug Administration. (2018). *Adaptive Designs for Clinical Trials of Drugs and Biologics: Guidance for Industry*. Retrieved from <https://www.fda.gov/media/78495/download>

### Reference to an electronic source from a governmental organization whose name has changed:

Washington State Department of Children, Youth & Families (formerly Department of Early Learning). (n.d.). *Become a Licensed Child Care & Early Learning Provider*. Retrieved from

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<https://www.dcyf.wa.gov/services/early-learning-providers/licensed-provider> (formerly <http://www.del.wa.gov/care/about/Default.aspx>)

### Reference to a source with no date:

Georgetown University. (n.d.). *Biomedical Science Policy and Advocacy*. Retrieved October 3, 2019 from <https://grad.georgetown.edu/biomedical-science-and-advocacy>

### Reference to an electronic source in another language:

Ministry of Health, Labour and Welfare. (2017). *Conditional Early Approval System for Drugs* (in Japanese). Retrieved September 30, 2019 from <https://www.pmda.go.jp/files/000220723.pdf>

### Reference to a regulation, directive, or bulletin from a governmental organization or group:

Commission Implementing Regulation (EU) No. 2015/408 of 11 March 2015 implementing Article 80(7) of Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market and establishing a list of candidates for substitution. *Official Journal of the European Union*, L 67/18.

Palmer, P. T., & Jacobs, R. (2007, July). *Rapid Determination of Cr in Stainless Steel via XRF*. FDA Laboratory Information Bulletin #4398, 1-11.

U.S. Food and Drug Administration. (2018). Lead acetate, 21 CFR § 73.2396. Retrieved June 17, 2019 from <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSearch.cfm?fr=73.2396>

### In-text citation of a personal communication:

“A speculative possibility in this regard is the use of unassembled whole-genome sequences, which would be cheaper (F. Stein, personal communication, November 20, 2019).”

### ***Units & Math Formulas***

- a. Follow internationally accepted rules and conventions: use the international system of units (SI). If other units are mentioned, please give their equivalent in SI.
- b. Where possible, include simple formulas within the line of text
- c. Use (/) instead of a horizontal line for small fractional terms (e.g., X/Y)
- d. Variables are to be presented in italics
- a. Number consecutively any equations that have to be displayed separately from the text (if referred to explicitly in the text)
- b. Use the appropriate number of significant figures to express your data - they should be justifiable and reflect the necessary level of accuracy of the method. A normal maximum should be 3 - e.g. 37.1, 2.53. Detailed mathematical discussion should be placed in an appendix. Equations and formulas should be typewritten. Equations should be numbered consecutively with Arabic numerals in parentheses on the right hand side of the page. Special symbols should be identified in the margin, and the meaning of all symbols should be explained in the text where they first occur. If you use several symbols, a list of definitions



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(not necessarily for publication) will help the editor. Type mathematical equations exactly as they should appear in print.

### ***Tables***

- a. Number tables consecutively as they appear in the text
- b. Place footnotes to tables below the table body as superscript lowercase letters
- c. Tables should be submitted as editable text, not images

### ***Artwork***

- a. Use uniform lettering and sizing of your original artwork
- b. Number illustrations according to their sequence in the text
- c. Use a logical naming convention for artwork files
- d. Provide separate captions for each artwork
- e. Artwork size should be at or near the desired print size and in the highest resolution possible.
- f. Submit each artwork as a separate file in .jpeg or .pdf format, unless contained within a Microsoft Office Application (Word, PowerPoint, Excel)
- g. Obtain permission for copyrighted materials from other sources

### ***Submission Checklist***

- The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
- All authors have given approval for the submission of this manuscript.
- Contact information for all authors is included in the manuscript and has been provided during the submission process. (Required author contact information includes full name, email address, affiliation and address, and any declaration of conflicts of interest.)
- The submission file is in a common word processing file format (e.g., .doc) and includes the use of line numbering.
- The manuscript has been reviewed closely for spelling and grammar.
- My citations follow the referencing style used by the American Psychological Association, and my references list is in alphabetical order. (Examples of APA formatting can be found [here](#).)
- I have included suggestions (name, title, email) for three potential suitable reviewers who are well versed in the field of my manuscript.
- I understand that failure to complete these steps may result in publication delays or rejection of the paper for resubmission.

### ***Conflict of Interest***

Authors are requested to disclose any actual or potential conflict of interest that could inappropriately influence, or be perceived to influence, their work. Authors are also requested to identify sources of

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financial support for the conduct of the research and/or preparation of the article, or provide a statement indicating the lack of funding source(s).

### ***Intellectual Property & Copyright***

By submitting content to the Journal of Regulatory Science (JRS), authors agree to the following terms:

1. Authors retain copyright and grant the JRS the right of first publication. Authors retain patent, trademark, and other intellectual property rights (including research data) and grant third parties the right to use, reproduce, and share the article according to the [Creative Commons — Attribution-NonCommercial 4.0 International — CC BY-NC 4.0](#) license agreement. The JRS is an open access journal and, as a result, articles are free to use with proper acknowledgment of the work's authorship and initial publication in this journal.
2. Authors are permitted and encouraged to post their work online (e.g., in institutional repositories or on their website) prior to and during the submission process.
3. If excerpts from other copyrighted works are included, the author(s) must obtain written permission from the copyright owners and credit the source(s) in the article.
4. The publication of the submission has been approved by all co-authors and responsible authorities at the institution or organization where the work has been carried out.
5. Copyright has not been breached in seeking publication of the submission.

### **Peer Review Process**

The Journal of Regulatory Science is committed to transparency in the review process and aims to provide authors with fair and timely reviews. All submitted manuscripts undergo a single-blind peer review process prior to publication. In a single-blind review system, reviewers are kept anonymous from the authors.

Once an article has been submitted to the JRS, it is first reviewed by the Editor-in-Chief to determine its suitability for publication in the JRS. The Journal Manager then assigns a minimum of two reviewers identified by the Editor-in-Chief as appropriate. Once a minimum of two reviews have been completed, the Editor-in-Chief makes the final decision of acceptance, revision, or rejection based on the reviewer's comments. External referees may be consulted when necessary.

The key criteria for acceptance for publication are:

- Originality, novelty, and appropriateness within the scope of the JRS;
- Broad interest to the regulatory science community;
- Scientific quality and evidence-supported conclusions; and
- Clarity, organization, and completeness.

### **Plagiarism**

If plagiarism is detected by an editorial board member, reviewer, editor, or other journal member, in any stage of article review process – before or after acceptance – the author(s) will be notified and asked to rewrite the content or add a proper citation.

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## **Publisher deposition of papers published open access**

JRS automatically deposits your published content into the PKP Preservation Network.

## **Self-archiving of papers published open access**

Authors publishing via the open access route are encouraged to deposit the final published PDF in their institutional repository or any suitable subject repository on publication.

Submitted versions of the paper can be deposited in their institutional repository or any suitable subject repository on publication two months from the date of submission.

Accepted versions of the paper can be deposited in their institutional repository or any suitable subject repository on publication two months from the date of acceptance.