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Part I: Writing your article

Introduction
Thank you for agreeing to contribute to Pharmaceutical Engineering, the flagship magazine of the International Society for Pharmaceutical Engineers (ISPE), which inspires engineers around the world with provocative and useful articles from trustworthy and reliable sources. Our readers are professional engineers working across all facets of the pharmaceutical, biotechnology and manufacturing industries, as well as regulators, business leaders, academics, and students.

Editorial article types
Editorials
These are short, thought-provoking articles that provide a personal perspective on contemporary issues, hot topics, or controversies.

Maximum length: 1,000 words

Features
These can cover recent industry developments, strategic issues, technical developments, trends, or innovative solutions.

Maximum length: 1,500 words, 2 figures

Special Reports
Articles in Special Reports provide global perspectives on broad industry topics such as drug shortages, biotechnology, data integrity, quality metrics, and sustainability.

Maximum length: 3,000 words, 2 figures/photos

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This should cover the highlights of your career in 150 words or less. Please include educational background, current title and company affiliation, responsibilities, and major areas of accomplishment.
2018 Author Guidelines—Editorial

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Every article submitted for publication in *Pharmaceutical Engineering* undergoes an editorial review for style, tone, flow, cohesion, and organization. ISPE has full editorial control of magazine content, and reserves the right to edit, revise, and delete copy as appropriate.
Following editorial review, the revised draft will be returned to you for review and approval.

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You will receive a PDF of the article in preliminary layout for final sign-off.

Acknowledgments
If you include an acknowledgments section, you may place it at the end of the article.

Text
Article text must be in *.doc or *.docx format. PDFs, screenshots, or hard copy documents cannot be accepted.

Editorial style

Figures and graphics
All image file formats except Microsoft Visio are acceptable. If your figures were created in Visio, you must export them as a high-resolution graphics file (JPG, BMP, TIFF, PNG, or PDF).

All image files must be suitable for print: 300 dpi or at least 1 MB.

- Graphs, charts, and tables created in Microsoft Excel or PowerPoint should be submitted in their original file format.
- Graphs, charts, and tables created in other mathematics graphing programs must be submitted as high-resolution PDFs or in another image file format.
- Screenshots will not be accepted.
- Each figure must include a brief caption.
- To make the article easier to review, insert figures and tables within the document; you may also upload them with your submission as separate files.

Units of measure
You may use either metric or imperial/avoirdupois measurements.

Equations
Simple equations may be displayed as regular text. Longer, more complex mathematics may be created using Microsoft Word’s Insert Equation function.

Footnotes
Footnotes explain a term or concept, are flagged with a symbol instead of a number, and placed at the bottom of a page.
Example
Both individuals and research groups were involved in identifying the CRISPR system in nature, then adapting it as a genome-editing technology.*

References
References list the information sources you used to write your article. They may be published, unpublished, or personal communications.

When you place a reference in the article text, number it and enclose the numeral in square brackets. These citations may be placed in the middle of a sentence, or following punctuation. (See the Using Text and Graphics from Other Sources section for examples.)

List all references at the end of the article, numbered in the order in which they appear. Include only those sources that you cite in the text. Please list as much information about each source as possible. You may use the references at the end of this document as a template for your own citations.

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Tables
Create tables using the table function in Word.

- Include a caption for each table.
- Place significance values, other statistical data, and notes below the table.
- Include an attribution when the material has been copied from another source (see Using copied graphics).

Part II: Using text and graphics from other sources

Copyright
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* Briefly, repeated sequences of 30 bases separated by spacers of approximately 36 bases were identified in an archaeal microbe by Francisco Mojica in 1993. Over a decade later, Mojica realized that CRISPR loci are part of an adaptive defense system that protects microbes against specific infections.
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Original
The emergence of "big data" has allowed pharmaceutical organizations to harness the vast amount of information they generate. [1]

Insufficient tweak
"Big data" has allowed pharmaceutical organizations to harness the information they generate. [1]

Revise and restate
As metrics and statistics have evolved into “big data,” the pharmaceutical industry has learned how to tap the enormous reservoirs of information it produces. [1]

Quotation
As Ingram et al. noted, “The emergence of ‘big data’ has allowed pharmaceutical organizations to harness the vast amount of information they generate.”[1]

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Contact
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We look forward to working with you!

References