TOXICOLOGY AND APPLIED PHARMACOLOGY

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DESCRIPTION

Toxicology and Applied Pharmacology publishes original scientific research of relevance to animals or humans pertaining to the action of chemicals, drugs, or chemically-defined natural products.

Regular articles address mechanistic approaches to physiological, pharmacologic, biochemical, cellular, or molecular understanding of toxicologic/pathologic lesions and to methods used to describe these responses. Safety Science articles address outstanding state-of-the-art preclinical and human translational characterization of drug and chemical safety employing cutting-edge science. Highly significant Regulatory Safety Science articles will also be considered in this category. Papers concerned with alternatives to the use of experimental animals are encouraged.

Short articles report on high impact studies of broad interest to readers of TAAP that would benefit from rapid publication. These articles should contain no more than a combined total of four figures and tables. Authors should include in their cover letter the justification for consideration of their manuscript as a short article.

TAAP also issues a standing call for outstanding Invited Review Articles. Potential authors should contact the Editor-In-Chief and complete an Invited Review Proposal Form before preparing or submitting their Review Article.

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AUDIENCE

Toxicologists, pharmacologists, cancer researchers, epidemiologists, molecular and cell biologists

IMPACT FACTOR

2018: 3.585 © Clarivate Analytics Journal Citation Reports 2019
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EMBiology
BIOSIS Citation Index
Chemical Abstracts
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To find out more, please visit the Preparation section below.

INTRODUCTION
Toxicology and Applied Pharmacology publishes original scientific research of relevance to animals or humans pertaining to the action of chemicals, drugs, or chemically-defined natural products.

Regular articles address mechanistic approaches to physiological, pharmacologic, biochemical, cellular, or molecular understanding of toxicologic/pathologic lesions and to methods used to describe these responses. Safety Science articles address outstanding state-of-the-art preclinical and human translational characterization of drug and chemical safety employing cutting-edge science. Highly significant Regulatory Safety Science articles will also be considered in this category. Papers concerned with alternatives to the use of experimental animals are encouraged.

Short articles report on high impact studies of broad interest to readers of TAAP that would benefit from rapid publication. These articles should contain no more than a combined total of four figures and tables. Authors should include in their cover letter the justification for consideration of their manuscript as a short article.

TAAP also issues a standing call for outstanding Invited Review Articles. Potential authors should contact the Editor-In-Chief and complete an Invited Review Proposal Form before preparing or submitting their Review Article.

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Research Paper address mechanistic approaches to physiological, pharmacologic, biochemical, cellular, or molecular understanding of toxicologic/pathologic lesions and to methods used to describe these responses. Regular Articles should be approximately 25 to 35 pages with double line spacing including references but not including figures. Safety Science articles address outstanding state-of-the-art preclinical and human translational characterization of drug and chemical safety employing cutting-edge science. Highly significant Regulatory Safety Science articles will also be considered in this category. Papers concerned with alternatives to the use of experimental animals are encouraged.

Short articles (Short Communications) report on high impact studies of broad interest to readers of Toxicology and Applied Pharmacology that would benefit from rapid publication. These articles should contain no more than a combined total of four figures and tables and should be approximately 12 to 15 pages with double line spacing including references. Authors should include in their cover letter the justification for consideration of their manuscript as a short article and mention that this belongs to the article type Short articles report on high impact.

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- Include keywords
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- All tables (including titles, description, footnotes)
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Divide the article into clearly defined sections.

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Please ensure the figures and the tables included in the single file are placed next to the relevant text in the manuscript, rather than at the bottom or the top of the file. The corresponding caption should be placed directly below the figure or table.

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Divide your article into clearly defined sections. Each subsection is given a brief heading. Each heading should appear on its own separate line. Subsections should be used as much as possible when cross-referencing text: refer to the subsection by heading as opposed to simply 'the text'.

Introduction
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Results should be clear and concise.

Duplication between the text of this section and material presented in tables and figures should be avoided and replaced with a statement in the text whenever possible. The statement must include (a) what was done, (b) how it was done, (c) how the data were analyzed, (d) a measure of variability, and (e) the significance of the result.

**Discussion**
This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is sometimes appropriate. Avoid extensive citations and discussion of published literature.

Needless detailed recapitulation of the results must be avoided. Unsupported hypotheses and speculation should also be omitted.

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Units will be in general accordance with the International System (SI) as adopted by the 11th General Conference on Weights and Measures. Common abbreviations to be used in this journal are:

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- ppm parts per million
- cm centimeter
- cpm counts per minute
- mm millimeter
- dpm disintegrations per minute
- um micrometer
- sc subcutaneous
- nm nanometer
- ic intracutaneous
- kg kilogram
- im intramuscular
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