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## DESCRIPTION

*Toxicology* is an international, peer-reviewed journal that publishes only the highest quality original scientific research and critical reviews describing **hypothesis-based investigations into mechanisms of toxicity associated with exposures to xenobiotic chemicals, particularly as it relates to human health.** In this respect "mechanisms" is defined on both the macro (e.g. physiological, biological, kinetic, species, sex, etc.) and molecular (genomic, transcriptomic, metabolic, etc.) scale. Emphasis is placed on findings that identify novel hazards and that can be **extrapolated to exposures and mechanisms that are relevant to estimating human risk.** *Toxicology* also publishes brief communications, personal commentaries and opinion articles, as well as concise expert reviews on contemporary topics. All research and review articles published in *Toxicology* are subject to rigorous peer review. Authors are asked to contact the Editor-in-Chief prior to submitting review articles or commentaries for consideration for publication in *Toxicology*.

## Notes from the Editor

In order to support interpretation of published findings to human health, the journal requires inclusion of specific statements within the ABSTRACT and METHODS sections of each submitted article:

**ABSTRACT:** The experimental system (e.g., in vivo species, cell culture, etc.) including the exposure dose or concentration and duration that produces an effect, if an effect is observed, must be described in the ABSTRACT to the manuscript. **MATERIALS AND METHODS:** The relevance of the experimental system and exposure dose or concentration and duration in terms of potential human exposures must be described in the Materials and Methods section of the manuscript. Justification of the exposure cannot be based solely on previous publications, but rather the comparison must be to either estimated, anticipated, or measured human exposures. The authors must identify the chemicals by CAS number, their source and purity; the method of randomization for group sampling, the number of experimental sample replicates in each treatment group, and provide a proper description of the statistical analysis of data that was employed. **Journal Policy:** TOXICOLOGY does not publish results from exposures to uncharacterized chemical mixtures or extracts from natural products. All exposures must be fully characterized analytically. Justification for this policy is that it is near impossible for other investigators to replicate findings of a study wherein the chemical composition of the exposure is not completely characterized. TOXICOLOGY does not publish purely descriptive safety studies or studies describing the therapeutic efficacy of cytotoxic agents without strong emphasis on end-points relating to a proposed mechanism of toxicity.

## AUDIENCE

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Toxicologists, Pharmacologists, Epidemiologists, Teratologists.

## IMPACT FACTOR

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2019: 4.099 © Clarivate Analytics Journal Citation Reports 2020

## ABSTRACTING AND INDEXING

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Pascal Francis  
EMBiology  
BIOSIS Citation Index  
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## GUIDE FOR AUTHORS

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### INTRODUCTION

*Toxicology*, an international journal, publishes only the highest quality original research and critical reviews dealing with the adverse effects of xenobiotics on the health of humans and animals. The goal of the journal is to advance the scientific understanding of mechanisms of toxicity. Emphasis will be placed on toxic effects observed at relevant exposures, which have direct impact on safety evaluation and risk assessment. All manuscripts published in *Toxicology* are subject to rigorous peer review.

#### **Types of paper**

In addition to original research articles, concise and current review and mini-review articles are also welcome, as are personal opinion papers and commentaries. Please consult the Managing Editors for special instructions prior to submitting such articles.

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One author has been designated as the corresponding author with contact details:

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- Full postal address

All necessary files have been uploaded:

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- Include keywords
- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
- Ensure all figure and table citations in the text match the files provided
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*Graphical Abstracts / Highlights files* (where applicable)

*Supplemental files* (where applicable)

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- A competing interests statement is provided, even if the authors have no competing interests to declare
- Journal policies detailed in this guide have been reviewed
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**Abstract: (1) The dose or concentration of the test substance along with (2) the name of the species, cell culture, or other experimental model system should be stated explicitly in the Abstract.**

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Immediately after the abstract, provide 3 to maximum 6 keywords that include the full chemical name(s). Use British spelling and avoid general and plural terms and multiple concepts (avoid, for example, "and", "of"). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

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