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**DESCRIPTION**

*Journal of Pharmacological and Toxicological Methods* publishes original articles on current methods of investigation used in **pharmacology** and **toxicology**. Pharmacology and toxicology are defined in the broadest sense, referring to actions of drugs and chemicals on all living systems. With its international editorial board and noted contributors, *Journal of Pharmacological and Toxicological Methods* is the leading journal devoted exclusively to experimental procedures used by **pharmacologists** and **toxicologists**.

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**AUDIENCE**

Pharmacologists, Toxicologists, Biochemists.

**IMPACT FACTOR**

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**ABSTRACTING AND INDEXING**

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GUIDE FOR AUTHORS

INTRODUCTION
Journal of Pharmacological and Toxicological Methods publishes articles on methods used in pharmacology, safety pharmacology and toxicology. Journal of Pharmacological and Toxicological Methods is the leading international journal devoted exclusively to the elaboration and validation of experimental methods.

Please visit our Pharmacology Author Resources page for guidance on manuscript preparation.

Types of paper
The Journal of Pharmacological and Toxicological Methods publishes papers in a range of categories:

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PREPARATION
Note that papers focused on the actions of drugs are beyond the scope of the journal.

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Introduction

This must outline the reason for the study and justify the approach taken.

Methods
This section should be sufficiently detailed to permit the reader to replicate the study. It should be a full recipe, with step by step instructions. We prefer the bulk of the descriptions in prose, but tables summarising sequences of procedures are a good accompaniment to the text. Subcomponents of the method that have been described in detail in the literature should be described in full, but appropriate citation of the original source method is mandatory.

Results

This section should be concise and must not contain repetition of the methods. Data in the text must not replicate data in tables or figures. SI units must be used.

Discussion

The potential value of the data to pharmacological or toxicological research methods must be clearly explained, with appropriate reference to existing methods and their limitations. This section must not contain paragraphs dealing with topics that are beyond the scope of the study. Use subheadings for clarity.

Specific instructions for "How To" articles:

"How To" articles provide step-by-step guidance on the execution of specific techniques.

Introduction

For "How To" articles, this section will be very brief, and will simply identify the therapeutic area, the goal of the method, and give mention to published alternatives descriptions if available. It is unlikely that many papers will be cited in this section.

Methods

This section should be sufficiently detailed to permit the reader to replicate the study. It should be a full recipe, with step by step instructions. We prefer the bulk of the descriptions in prose, but tables summarising sequences of procedures are a good accompaniment to the text. Subcomponents of the method that have been described in detail in the literature should be described in full, but appropriate citation of the original source method is mandatory.

Results

This section should be concise and must not contain repetition of the methods. Data in the text must not replicate data in tables or figures. SI units must be used.

Discussion

The potential value of the data to pharmacological or toxicological research methods must be clearly explained, with appropriate reference to existing methods and their limitations. This section must not contain paragraphs dealing with topics that are beyond the scope of the study.

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Appraisal articles are reviews about the current best models. The article should identify and describe the current best model, and discuss the evidence (or lack of) to support this. A good model should demonstrably detect drugs that work (or cause adverse effects) in humans, and demonstrably have
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Text to be divided into sections according to author choice.

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Historical reviews can be more personal and less formal. Senior figures in a field may have decades of experience with models, methods, techniques of apparatus. It is of immense value and interest to the research community to learn the history of the development of a model, understand why one model was abandoned and another developed, and get insight into the thinking behind a model, and the impact of good and bad models in drug development in a particular field. In addition, in many fields many models are still used that are transparently inadequate - it would be of great value to obtain a candid expose from an experienced practitioner as to why this might be, including insight into personal perspective as it changed over the years.

Text to be divided into sections according to author choice

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Text to be divided into the following sections

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Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible.

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