



TABLE OF CONTENTS

●	Description	p.1
●	Impact Factor	p.1
●	Editorial Board	p.1
●	Guide for Authors	p.3



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DESCRIPTION

Journal of Pharmacological Sciences (JPS) is an international open access journal intended for the advancement of pharmacological sciences in the world. The Journal welcomes submissions in all fields of experimental and clinical pharmacology, including neuroscience, and biochemical, cellular, and molecular pharmacology for publication as Reviews, Full Papers or Short Communications. Short Communications are short research article intended to provide novel and exciting pharmacological findings. Manuscripts concerning descriptive case reports, pharmacokinetic and pharmacodynamic studies without pharmacological mechanism and dose-response determinations are not acceptable and will be rejected without peer review. The ethnopharmacological studies are also out of the scope of this journal. Furthermore, JPS does not publish work on the actions of biological extracts unknown chemical composition.

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Authors are requested **to select two or three** (in their order of priority) **of the following subject categories** to which the manuscript applies. For any study employing natural medicine materials (NMM) (the details for NMM are described later in the last paragraph of section 5. General Instructions), be sure to include the category of "Natural Medicine Materials (NMM) with significant biological activities" in your selection:

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2. Receptors/Channels/Transport systems
3. Intracellular signaling
4. Biochemical and Molecular Pharmacology
5. Stem Cell Pharmacology
6. Pain Pharmacology
7. Peripheral nervous system pharmacology
8. Cardiovascular pharmacology/Hematology
9. Central nervous system pharmacology
10. Respiratory pharmacology
11. Renal pharmacology
12. Gastrointestinal pharmacology
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Article Length: The main body of the text should ordinarily be less than 4,000 words from Introduction to References, and manuscripts should contain no more than 8 Figures and/or Tables and an abstract not exceeding 200 words. The manuscripts normally occupy 8 journal pages (e.g., about 24 typewritten pages including all components).

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Figures and Tables — should be numbered consecutively with Arabic numerals, with each one displayed on a separate page. These usually will be reduced to fit a single column, 8.8-cm-wide, or at most, a double column, maximally 18.3-cm-wide.

Any color **Figure** submitted by the authors will be processed with the understanding that upon acceptance of the manuscript, the **Figure must be published in color online without any additional charge to the authors.**

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Consult the “Author’s Checklist for Manuscript Submission” that appears on the final page of these instructions for a more detailed explanation of the requirements on the manuscript preparation.

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- provide full names of all authors / provide affiliations and addresses of all authors / identify each author with the appropriate address by numerical superscripts
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- provide a running title (short title) of no more than 40 characters and spaces
- indicate the number of words used in the main body of the text
- provide any necessary footnotes (e.g., change of address)

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- limit Abstract to 200 words for Full Paper and Review, 100 words for Short Communication
- do not cite references in Abstract by reference numbers, but use full citation; omit the article title
- provide keywords: 5 items for Full Paper and Review, 3 items for Short Communication / avoid vague or overly general terms

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- provide names of sources including city, state (USA), and country (except for Japan) for experimental apparatuses, reagents, animals, and cell strains
- all ethical conditions for experimental procedures should be clearly described in the Materials and Methods section
- unpublished data, personal communication, etc. in the text: specify the source of the information (e.g., Y. Yamada et al., unpublished data)
- disclose, if any, authors' financial interest in the subject matter or relationship with other people and organizations with such financial interest in the Conflicts of Interest section

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- list references in numerical order according to the first mention in the text
- "in press" citation must have been accepted for publication; designate journal title
- "unpublished observations", "personal communication", "submitted manuscript": do not list in "References", but insert in appropriate places in the text with source name
- "encyclopedia", "patent", and "thesis" are not valid reference citations
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- Abstract of 200 words or less
- main body of the text of 4,000 words or less (on the title page, indicate the number of words used)
- no more than 8 Figs. and/or Tables

[] Short Communication - to determine if your study is appropriate for publication as a Short Communication, carefully read the Notice to Contributors

- type text without subdivision into sections
- Abstract of 100 words or less
- main body of the text of 1,500 words or less (on the title page, indicate the number of words used)
- no more than 15 references
- **no more than 3 Figs. and/or Tables**

Other manuscript requirements: see items shown above (from Title page to Tables sections)

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4. Cancer Research UK. Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>; 2003 Accessed 13.03.03.

Reference to a dataset:

[dataset] 5. Oguro, M, Imahiro, S, Saito, S, Nakashizuka, T. Mortality data for Japanese oak wilt disease and surrounding forest compositions, Mendeley Data, v1; 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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