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DESCRIPTION

Pharmacological Research provides a rapid information exchange medium for specialists within the discipline of **pharmacology**. The journal publishes papers on **basic** and **applied pharmacological research** and is proud of its rapid publication of accepted papers.

Invited and unsolicited review articles are also featured.

Research Areas are:

- **Biochemical and molecular pharmacology**
- **Cardiovascular pharmacology**
- **Gastrointestinal pharmacology**
- **Clinical pharmacology**, if addressing novel mechanisms of action
- **Respiratory tract pharmacology**
- **Urogenital tract pharmacology**
- **Pharmacology of tissue repair**
- **Neuropharmacology, psychopharmacology, and neuroendocrinology**
- **Chemotherapy and cancer therapy**
- **Immunopharmacology**
- **Pharmacological applications of genomics**
- **Pharmacology of aging**
- **Nutraceuticals**, if relevant to human disease

Note that ethnopharmacological studies generally do not fall into the scope of this journal. Exceptions are made for papers addressing the mechanisms of actions or the clinical applications of worldwide-used natural substances. Clinical studies on commercially-available nutraceuticals are also taken into consideration.

Immediate rejection criteria are:

1. Ethnopharmacological papers, namely studies that deal with locally-consumed plants.
2. In vitro antioxidant activity of plant extracts and pure compounds isolated from them.
3. Papers that describe pharmacological activities of plants which are not easily found worldwide, eg, Chinese herbs.
4. Papers reporting pharmacological activities of novel compounds if no proper controls with known substances are performed.

5. Papers describing the pharmacological activities of natural compounds are considered only if they identify novel mechanisms of action. In particular, Pharmacol Research does not publish papers that describe

- Single dose studies with very few animals, no dose-response studies.
- In-vitro assays with single dose or very high dose, measuring only one endpoint.
- Repetition of a simple bioassay for yet another extract or plant.

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INTRODUCTION

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- Immunopharmacology
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- Pharmacology of aging
- Nutraceuticals, if relevant to human disease

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3. Papers that describe pharmacological activities of plants which are not easily found worldwide, eg, Chinese herbs.
4. Papers reporting pharmacological activities of novel compounds if no proper controls with known substances are performed.
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[1] Van der Geer J, Hanraads JA, Lupton RA. The art of writing a scientific article. *J Sci Commun* 2010;163:51–9.

Reference to a book:

[2] Strunk Jr W, White EB. *The elements of style*. 4th ed. New York: Longman; 2000.

Reference to a chapter in an edited book:

[3] Mettam GR, Adams LB. How to prepare an electronic version of your article. In: Jones BS, Smith RZ, editors. *Introduction to the electronic age*, New York: E-Publishing Inc; 2009, p. 281–304.

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