DESCRIPTION

The journal publishes research articles, review articles and scientific commentaries on all aspects of the pharmaceutical sciences with emphasis on conceptual novelty and scientific quality. The Editors welcome articles in this multidisciplinary field, with a focus on topics relevant for drug discovery and development.

More specifically, the Journal publishes reports on medicinal chemistry, pharmacology, drug absorption and metabolism, pharmacokinetics and pharmacodynamics, pharmaceutical and biomedical analysis, drug delivery (including gene delivery), drug targeting, pharmaceutical technology, pharmaceutical biotechnology and clinical drug evaluation. The journal will typically not give priority to manuscripts focusing primarily on organic synthesis, natural products, adaptation of analytical approaches, or discussions pertaining to drug policy making.

Scientific commentaries and review articles are generally by invitation only or by consent of the Editors. Proceedings of scientific meetings may be published as special issues or supplements to the Journal.

Manuscripts submitted to the Journal are only accepted on the understanding that (a) they are subject to editorial review (generally by two independent reviewers); (b) they have not been, and will not be, published in whole or in part in any other journal; (c) the recommendations of the most recent version of the Declaration of Helsinki, for humans, and the European Community guidelines as accepted principles for the use of experimental animals have been adhered to.

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Types of Paper

Research articles

The European Journal of Pharmaceutical Sciences publishes research articles in the multidisciplinary field of pharmaceutical sciences, with a focus on topics relevant for drug discovery and development.

More specifically, the Journal publishes reports on medicinal chemistry, pharmacology, drug absorption and metabolism, pharmacokinetics and pharmacodynamics, pharmaceutical and biomedical analysis, drug delivery (including gene delivery), drug targeting, pharmaceutical technology, pharmaceutical biotechnology and clinical drug evaluation.

The journal will typically not give priority to manuscripts focusing primarily on organic synthesis, natural products, adaptation of analytical approaches, or discussions pertaining to drug policy making.

Important other criteria for manuscript acceptance are conceptual novelty, scientific rigorousness of the experiments, relevance for a broad readership beyond the specific topic of the manuscript, and adherence to high ethics standards of experimentation. Research articles should comply with the format requirements set forth in the section “Article Structure below”.

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The manuscript of a review article should be arranged as described for research articles but according to the following sections: title page, abstract and keywords (indexing terms, normally 3-6 items), Introduction, Specific sections determined by the author, Conclusions, Acknowledgements, References, Figure legends and Figures, Tables. Sections ranging from the Introduction to the Conclusions should be numbered. Subdivisions within a section should also be numbered within that section: 2.1., 2.2., 2.3. etc. All pages should be numbered consecutively, the title page being p.1.

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Some abbreviations may be used without definition:

1 ADP, CDP, GDP, IDP5'-pyrophosphates of adenosine UDPcytidine, guanosine, inosine, uridine AMP etc. adenosine 5'-monophosphate etc. ADP etc. adenosine 5'-diphosphate etc. ATP etc. adenosine 5'-triphosphate etc. CM-cellulosecarboxymethylcellulose CoA and acetyl-CoAcoenzyme A and its acyl derivatives DEAE-celluloseO-(diethylaminoethyl)-cellulose DNAdeoxyribonucleic acid EGTAethylene glycol-bis(β-aminoethyl ether)N,N,N',N'-tetraacetic acid FADflavin-adenine dinucleotide FMNflavin mononucleotide GSH, GSSGglutathione, reduced and oxidized Hepes4-(2-hydroxyethyl)-1-piperazine-ethanesulphonic acid NADnicotinamide adenine dinucleotide NADPnicotinamide adenine dinucleotide phosphate NMNnicotinamide mononucleotide Pi, PPorthophosphate, pyrophosphate RNArribonucleic acid Tris2-amino-2-hydroxymethylpropane-1,3-diol

Two alternative conventions are currently in use in some cases. For example, for the phosphoinositides there are both the abbreviations recommended by the IUPAC-IUB and those of the Chilton Convention (e.g., PtdIns(4,5)P_2 vs. PIP_2 for phosphatidylinositol 4,5-biphosphate). The journal will accept either of these forms but not their combination.

Abbreviations of units of measurements and other terms are as follows:

**Units of mass**

1 kilogram kg gram g milligram mg microgram μg nanogram ng mole (gram-molecule) mol millimole mmol micromole μmol nanomol nmol picomole pmol femtomole fmol equivalent eq

**Units of time**

1 hour h minute min seconds ms microsecond μs

**Units of volume**

1 litre l millilitre ml microlitre μl

**Units of length**

1 metre m centimetre cm millimetre mm micrometre μm nanometre nm

**Units of concentration**

1 molar (mol/l) M millimolar mM micromolar μM nanomolar nM picomolar pM

**Units of heat, energy, electricity**

1 joule J degree Celsius (centigrade) °C coulomb C ampere A volt V ohm Ω siemens S

**Units of radiation**

1 curie Ci counts per minute cpm disintegrations per minute dpm becquerel Bq

**Miscellaneous**
1 gravity $g$ dissociation constant $K_d$ median doses $LD_{50}$, $ED_{50}$ probability $P$ routes of drug administration i.v., i.p., s.c., i.m. square centimetre $cm^2$ standard deviation $S.D.$ standard error of the mean $S.E.M.$ Svedberg unit of sedimentation coefficient $S$ Hill coefficient $n_H$

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