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.

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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’-triphasate etc. CM-cellulose carboxymethylcellulose CoA and acetyl-CoAcoenzyme A and its acyl derivatives DEAE-celluloseO-(diethylaminoethyl)-cellulose DNAdehyderibonucleic 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-ethanesulfonic acid NADnicotinamide-adenine dinucleotide NADPnicotinamide-adenine dinucleotide phosphate NMNnicotinamide mononucleotide Piv, PPorthophosphate, pyrophosphate RNAribonucleic 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)P2 vs. PIP 2 for phosphatidylinositol 4,5-biphosphate). The journal will accept either of these forms but not their combination.

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

Units of time

1 hour (h) minute (min) second (s) millisecond (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) millimolar (mM) micromolar (μM) nanomolar (nM) picomolar (pM)

Units of heat, energy, electricity

1 joule (J) degree Celsius (°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 (Kd) median doses (LD50, ED50) probability (P) routes of drug administration (i.v., i.p., s.c., i.m.) square centimetre (cm²) standard deviation (S.D.) standard error of the mean (S.E.M.) Svedberg unit of sedimentation coefficient (S) Hill coefficient (nH)

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