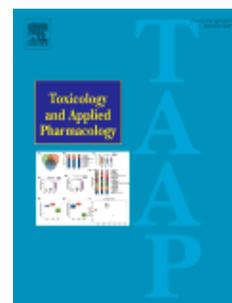




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ISSN: 0041-008X

DESCRIPTION

Toxicology and Applied Pharmacology publishes original scientific research of relevance to animals or humans pertaining to the action of **chemicals, drugs, or chemically-defined natural products**.

Regular articles address **mechanistic approaches** to **physiological, pharmacologic, biochemical, cellular, or molecular understanding** of **toxicologic/pathologic lesions** and to methods used to describe these responses. Safety Science articles address outstanding state-of-the-art preclinical and human translational characterization of drug and chemical safety employing cutting-edge science. Highly significant Regulatory Safety Science articles will also be considered in this category. Papers concerned with alternatives to the use of experimental animals are encouraged.

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Short articles report on high impact studies of broad interest to readers of *TAAP* that would benefit from rapid publication. These articles should contain no more than a combined total of four figures and tables. Authors should include in their cover letter the justification for consideration of their manuscript as a short article.

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Results. Duplication between the text of this section and material presented in tables and figures should be avoided. Tabular presentation of masses of negative data must be avoided and replaced with a statement in the text whenever possible. The statement must include (a) what was done, (b) how it was done, (c) how the data were analyzed, (d) a measure of variability, and (e) the significance of the result.

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m meter
ppm parts per million
cm centimeter
cpm counts per minute
mm millimeter
dpm disintegrations per minute
um micrometer
sc subcutaneous
nm nanometer
ic intracutaneous
kg kilogram
im intramuscular
g gram
ip intraperitoneal
mg milligram iv intravenous
ug microgram
po oral
ng nanogram
LD50 medial lethal dose
ml milliliter
LC50 medial lethal concentration
>ul microliter
Hz hertz mol mole
s seconds
M molar
min minutes
mM millimolar
h hours
uM micromolar
SD standard deviation
N normal
SE standard error
Ci Curie TLV threshold limit value
X mean

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