DESCRIPTION

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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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INTRODUCTION
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.

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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
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uM micromolar
SD standard deviation
N normal
SE standard error
Ci Curie TLV threshold limit value
X mean
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