Drug Metabolism and Disposition: the biological fate of chemicals

Editor VINCENT G. ZANNONI

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INSTRUCTIONS TO AUTHORS

Submission of manuscripts. Drug Metabolism and Disposition will review in vitro and in vivo experimental results that contribute significant and original information on xenobiotic metabolism and disposition. The term xenobiotic includes pharmacologic agents as well as environmental chemicals. Pharmacokinetic and pharmacodynamic manuscripts and those involving mechanisms are invited. Manuscripts concerned with factors which affect the biological fate of chemicals such as genetic, nutritional or hormonal are of interest. Papers addressing toxicological consequences of xenobiotic metabolism are appropriate.

Three copies of each manuscript should be sent to Dr. Vincent G. Zannoni, Editor, Drug Metabolism and Disposition, Department of Pharmacology, University of Michigan Medical School, MSI, Ann Arbor, Michigan 48109-0626. FAX number: (313)-763-4450. Submission of a manuscript implies that the material contained therein has not previously been published except as an abstract for a scientific meeting, and that it is not being submitted elsewhere.

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**Equilibrium and kinetic constants**: K_a (dissociation constant); K_or K_I (dissociation constant of enzyme-substrate or enzyme-inhibitor complex); K_M (Michaelis constant); V_max (maximum initial velocity); k (rate constant); pK_a (negative logarithm of acidic dissociation constant); t_1/2, half-life; AUC, area under the curve of plasma concentrations vs. time.

**Statistics**: p (probability of chance observation); N (number of experiments); SD (standard deviation of the series); SE (standard error of the mean).

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DRUG METABOLISM AND DISPOSITION
The Biological Fate of Chemicals

Editor: Vincent G. Zannoni, PhD, University of Michigan, Ann Arbor, Michigan

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