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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.

All manuscripts received in the editorial office must be accompanied either by a check for \$30.00 (in U.S. funds payable to ASPET) or by a validated purchase order from the author's institution. The review process for submitted manuscripts will be delayed until the manuscript handling fee or purchase order is received in the Editor's office. If the submission of the manuscript handling fee entails a personal financial hardship to the author(s), the manuscript handling fee will be waived. In that event, the authors should submit a request for waiver of the fee at the time the manuscript is submitted.

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Form and style of manuscript. Manuscripts, in English language only, should be typewritten double-spaced with ample margins, on one side of 8.5 × 11-inch pages. The original typescript and two copies, which may be Xerox or other good reproductions, or *legible* carbon copies, should be sent. All pages should be numbered in sequence, starting with the title page.

A. Full-length papers should be arranged as follows:

1. *Title page*, containing the title of the paper, names of all authors, and the institution(s) where the work was done. The title should have no footnote numbers (see *Footnotes* below). The title should briefly yet explicitly indicate the contents of the paper. Names of chemicals or chemical classes studied, species used, etc., should be included in the title.

2. *Running title* not exceeding 50 total characters and spaces. The name and address of the person to whom editorial correspondence and galley proofs should be sent should appear at the bottom of this page.

3. *Abstract* of not more than 250 words.

4. *Introduction*. A brief summary of the pertinent literature and a statement of the aims of the work.

5. *Materials and Methods*. Species, strains, sexes, and ages or sizes of animals, with Latin names where required for distinction, should be given. Sources and purities of chemicals other than common reagents should be indicated. Equipment used and conditions of use should be specified. When published methods are used, a bibliographic reference is sufficient; minor modifications should be described. When a method has been extensively modified, the entire new procedure should be described. Authors should attempt to describe their work in all cases so that their peers would be able to repeat the experiments. Where conditions for similar experiments vary throughout the work, these may be indicated in legends to figures and tables. Properties and proof of structure must be given for reference compounds used for metabolite identification.

6. *Results*. These should be presented as much as possible in graphic and tabular form. When, however, a table would include only two or three values, it may be preferable to present the data in sentence form in the text. Authors should avoid using several tables describing very similar experiments; these should be combined wherever possible, unless this would result in overcomplicated, unwieldy tables. The same data should normally not be repeated in tables and figures. The text should be used to describe and summarize the data and to draw primary conclusions from them, but not to repeat the numerical data. No extended discussion of the results should be included in this section.

7. *Discussion*. The major conclusions to be drawn from the work should be assembled here, and these should be discussed with respect to the existing body of knowledge in the immediate area. Graphic schema should be used wherever possible to clarify the conclusions. Speculation should be clearly identified as such, and should be germane to the data presented. Questions raised by the work, or