PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY

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DESCRIPTION

Pesticide Biochemistry and Physiology publishes original scientific articles pertaining to the mode of action of plant protection agents such as insecticides, fungicides, herbicides, and similar compounds, including nonlethal pest control agents, biosynthesis of pheromones, hormones, and plant resistance agents. Manuscripts may include a biochemical, physiological, or molecular study for an understanding of comparative toxicology or selective toxicity of both target and nontarget organisms. Particular interest will be given to studies on the molecular biology of pest control, toxicology, and pesticide resistance.

Research Areas Emphasized Include the Biochemistry and Physiology of:

- Comparative toxicity
- Mode of action
- Pathophysiology
- Plant growth regulators
- Resistance
- Other effects of pesticides on both parasites and hosts

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AUDIENCE

Pesticide scientists, agricultural scientists, entomologists, plant scientists

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GUIDE FOR AUTHORS

INTRODUCTION

Pesticide Biochemistry and Physiology will publish original research papers in English, dealing with the biochemistry and physiology of insecticides, herbicides fungicides, acaricides, nematocides, rodenticides and similar compounds, including nonlethal pest control agents such as antifeeding compounds and chemosterilants as well as, for example, the biosynthesis of pheromones, hormones and plant resistance agents. Topics of interest include the effects of these agents on the biochemistry and physiology of both target and non-target organisms, and the biochemical transformations of the agents themselves. The mechanisms of resistance, and interactions such as synergism and antagonism, are also suitable topics.

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Examples: ‘as demonstrated (Allan, 2000a, 2000b, 1999; Allan and Jones, 1999).... Or, as demonstrated (Jones, 1999; Allan, 2000).... Kramer et al. (2010) have recently shown ...’

List: References should be arranged first alphabetically and then further sorted chronologically if necessary. More than one reference from the same author(s) in the same year must be identified by the letters ‘a’, ‘b’, ‘c’, etc., placed after the year of publication.

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Reference to a chapter in an edited book:

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