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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

IMPACT FACTOR

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T. Van Leeuwen, Ghent University Department of Plants and Crops, Coupure Links 653, B-9000, Gent, Belgium
J. Vontas, Institute of Molecular Biology and Biotechnology, Hellas Nikolaou Plastira 100, 711 10, Irakleio, Greece
M.S. Williamson, Rothamsted Research Department of Biological Chemistry and Crop Protection, AL5 2JQ, Harpenden, United Kingdom
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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