



## Pesticide Residues in the Environment and Food Chain: Fate, Bioaccumulation and Toxicology

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### Message from the Guest Editor

Dear Colleagues,

Pesticides have numerous beneficial effects. These include crop protection, preservation of food and materials and prevention of vector-borne diseases. Since their mode of action is by targeting systems or enzymes in the pests which may be identical or very similar to systems or enzymes in human beings and other animals, they can pose risks to human health and also the environment. Some pesticides are characterized by being very persistent in the environment. They may represent long-term dangers as they biomagnify up the food-chain. There is growing concern about exposure to pesticides at both high and low levels.

Prof. Dr. Jesus Simal-Gandara  
*Guest Editor*





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