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DESCRIPTION

Food and Chemical Toxicology (FCT), an internationally renowned journal, that publishes original research articles and reviews on toxic effects, in animals and humans, of natural or synthetic chemicals occurring in the human environment with particular emphasis on food, drugs, and chemicals, including agricultural and industrial safety, and consumer product safety. Areas such as safety evaluation of novel foods and ingredients, biotechnologically-derived products, and nanomaterials are included in the scope of the journal. FCT also encourages submission of papers on inter-relationships between nutrition and toxicology and on in vitro techniques, particularly those fostering the 3 Rs.

The principal aim of the journal is to publish high impact, scholarly work and to serve as a multidisciplinary forum for research in toxicology. Papers submitted will be judged on the basis of scientific originality and contribution to the field, quality and subject matter. **Studies should address at least one of the following:** Adverse physiological/biochemical, or pathological changes induced by specific defined substances New techniques for assessing potential toxicity, including molecular biology Mechanisms underlying toxic phenomena Toxicological examinations of specific chemicals or consumer products, both those showing adverse effects and those demonstrating safety, that meet current standards of scientific acceptability

Authors must **clearly and briefly identify what novel toxic effect (s) or toxic mechanism (s) of the chemical are being reported and what their significance is in the abstract.** Furthermore, sufficient doses should be included in order to provide information on NOAEL/LOAEL values. **Manuscripts describing research involving the following areas will not be considered:** materials/substances of only local interest materials/substances for which the chemical composition is not clearly defined only pharmacological properties, or potentially beneficial effects using in vitro or in vivo systems chemical analyses of toxins in foods without addressing the toxic implication to humans [risk assessment should be included] unrealistic human doses, inappropriate route of exposure, or in vitro experiments that do not reflect serum levels in humans

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INTRODUCTION

Food and Chemical Toxicology (FCT), an internationally renowned journal, aspires to publish original research articles and reviews on toxic effects, in animals or humans, of natural or synthetic chemicals occurring in the human environment with particular emphasis on food, drugs, and chemicals, including agricultural and industrial safety, and consumer product safety. Areas such as safety evaluation of novel foods and ingredients, biotechnologically-derived products, and nanomaterials are included in the scope of the journal. FCT also encourages submission of papers on inter-relationships between nutrition and toxicology and on in vitro techniques, particularly those fostering the 3 Rs.

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Manuscripts concerning materials/substances of only local interest for which the chemical composition of the material/substance is not clearly defined will not be considered. Manuscripts addressing only pharmacological properties, or only potentially beneficial effects using in vitro or in vivo systems, are not within the scope of the journal.

FCT is committed to the highest standards. Only papers that have not been previously published, that fit in the above mentioned scope, and that have been reviewed by experts in the field prior to publication will be accepted. Cover letters must state that the paper is new and original and not under consideration for publication elsewhere. Papers pending in other journals will not be considered. Co-authors should be individuals who have contributed substantially to the content of the papers.

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