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DESCRIPTION

Chemico-Biological Interactions publishes research reports and review articles that examine the molecular, cellular, and/or biochemical basis of toxicologically relevant outcomes. Special emphasis is placed on toxicological mechanisms associated with interactions between chemicals and biological systems. Outcomes may include all traditional endpoints caused by synthetic or naturally occurring chemicals, both in vivo and in vitro. Endpoints of interest include, but are not limited to carcinogenesis, mutagenesis, respiratory toxicology, neurotoxicology, reproductive and developmental toxicology, and immunotoxicology.

CBI discourages papers that are descriptive in nature and that do not address toxicological mechanisms (e.g., reports of toxicological effects following chemical exposure in absence of mechanistic experiments). CBI also discourages papers reporting on toxicological effects from materials, such as plant extracts or herbal medicines, that have not been chemically characterized.

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AUDIENCE

Biochemists, Biologists, Cell Biologists, Toxicologists.

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INTRODUCTION

CHEMICO-BIOLOGICAL INTERACTIONS publishes research reports and review articles that examine the molecular, cellular, and/or biochemical basis of toxicologically relevant outcomes. Special emphasis is placed on toxicological mechanisms associated with interactions between chemicals and biological systems. Outcomes may include all traditional endpoints caused by synthetic or naturally occurring chemicals, both in vivo and in vitro. Endpoints of interest include, but are not limited to carcinogenesis, mutagenesis, respiratory toxicology, neurotoxicology, reproductive and developmental toxicology, and immunotoxicology.

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