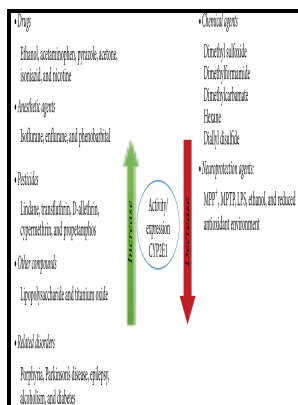


Molecular aspects of monooxygenases and bioactivation of toxic compounds

Plenum Press - ToxAlerts: A Web Server of Structural Alerts for Toxic Chemicals and Compounds with Potential Adverse Reactions



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-Molecular aspects of monooxygenases and bioactivation of toxic compounds

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Molecular Aspects of the Transport and Toxicity of Ochratoxin A

The alerts available in the database can be used for virtual screening of compound libraries to flag potentially toxic compounds. Drug metabolism is one area in which basic knowledge about CYPs has had tremendous practical impact. Skypattern mining: From pattern condensed representations to dynamic constraint satisfaction problems.

Molecular Aspects of Monooxygenases and Bioactivation of Toxic Compounds

While the prokaryotic enzyme, e. In this paper, several examples were given of chem

The Drug

Anslyn, and Dougherty, Modern Physical Organic Chemistry. Structural alerts for the identification of bioaccumulative compounds.

Bioactivation

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Molecular Aspects of the Transport and Toxicity of Ochratoxin A

In addition, both ToxAlerts and OCHEM strictly require all data to be complemented with the original source of information—a reference to a scientific publication. It belongs to a family of insecticides called the neonicotinoids which act as potent agonists for the insect nicotinic acetylcholine receptor nAChR ; blockage of ACh transmission in the insect leads to rapid death. It was therefore timely and appropriate to assemble the Physarum community again in Wisconsin after a hiatus of 20 years, at a conference in the Friedrick Conference Center at the University of Wisconsin, Madison, from July 8 to 13, 1985.

Physiological and Pathophysiological Alterations in Rat Hepatic Cytochrome P

The article presents a Web-based platform for collecting and storing toxicological structural alerts from literature and for virtual screening of chemical libraries to flag potentially toxic chemicals and compounds that can cause adverse side effects.

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