



toxics



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Current Research on the Cytotoxicity of Drugs to Humans and Animals

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Message from the Guest Editor

Research on the prevention and treatment of several chronic diseases is constantly growing worldwide. In recent years, there has been a rapid increase in the design and development of new drugs for human and animal use. In order to ensure the highest standards of treatment, *in vitro* cytotoxic assays and *in vivo* toxicological studies are required to ensure the safety of a drug formulation.

The chronic use of drugs with immunosuppressive and cytotoxic effects may break down organs such as kidneys, stomach, liver, and intestines, causing side effects that are sometimes life-threatening. Furthermore, antineoplastic drugs (known for their cytotoxic activity) from different sources and with different mechanisms of action are commonly used in large doses.

This Special Issue aims to cover the current research in human and veterinary medicine focused on the cytotoxicity of drugs, and expects to receive contributions describing the recent advances and technological challenges encountered in new approaches to reduce adverse side effects of such drugs. Research and review papers on the safe use of drugs, and the potential risk of side effects in humans and animals, are also welcome.



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Special Issue



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Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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