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Mechanisms and Biomarkers for Drug and Chemical Toxicity: Recent In Vitro and In Vivo Studies

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

The knowledge in drug and chemical toxicity is rapidly growing. New in vitro and in vivo models are being developed or refined to facilitate the study of drug and chemical toxicity. Some examples include induced pluripotential stem cell-derived cardiomyocytes and hepatocytes, microphysiological systems, and humanized mice. Advanced analytic approaches, such as next-generation sequencing, are being incorporated in toxicity studies. As result, novel mechanisms and biomarkers are emerging to better understand or predict drug and chemical toxicity. This Special Issue aims to put together a collection of articles focusing on the underlying mechanisms and potential biomarkers of drug and chemical toxicity identified with recently developed in vitro and in vivo models or analytic methods.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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