



Cancer Drugs Treatment and Toxicity 2023

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editor

Dear Colleagues,

Cancer drugs are commonly used to treat tumors. Unfortunately, the majority of cancer drugs (doxorubicin, ponatinib, cisplatin, etc.) induce cardiomyopathy and muscle weakness as a side effect. The exact mechanisms of action of these drugs are far from clear; however, based on current research, it is suggested that increased oxidative stress, inflammation, mitochondrial dysfunction, and cell death are prominent mechanisms involved in the development as well as progression of these diseases.

Pharmaceuticals is organizing a Special Issue on the topic of cancer drug toxicity and interventions. In this Special Issue, we invite both original and review articles that cover the current concepts of anticancer-drug-induced toxicity in the heart and muscles. These articles can be of a wider scope, including topics such as oxidative stress, cell signaling, cell death, tissue remodeling, inflammation, and other relevant molecular mechanisms that are involved in anticancer-drug-induced cardiac as well as muscle toxicity. We will also welcome any current therapeutic strategies being investigated to attenuate anticancer-drug-induced side effects in tissues.





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Editor-in-Chief

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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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