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Promise of Natural Products and Their Derivatives in Diabetes and Its Complications: Present and Future Prospect

Guest Editors:

Dr. Kishor Mazumder

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Message from the Guest Editors

Dear Colleagues,

Though there has been substantial advancement in modern science, including synthetic chemistry, however, yet natural products originated from terrestrial or marine sources have been contributing a lot to disease management and irradiation of many diseases including diabetes mellitus. On the other hand, still diabetes mellitus and its complications are expensive to manage with currently available drugs. In the past few decades extensive research has been conducted on natural products and their derivatives in search of antidiabetic drugs or ways to minimize its complications. In search for new antidiabetic drugs, new dimensions in research such as network pharmacology, genomic, nutrigenetics, metabolomics, or in silico studies on antidiabetic metabolites could be remarkably interesting and promising. In the upcoming era, some interesting new sources and targets should be tested and potential interaction and possible incompatibilities of antidiabetic agents with clinically used drugs are needed to be reported.

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Guest Editors



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Message from the Editor-in-Chief

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