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Resveratrol and Its Analogs in Human Diseases

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Message from the Guest Editors

Dear Colleagues,

Numerous studies have indicated that resveratrol is a potential dietary chemopreventive and therapeutic agent due to its cardioprotective, anti-inflammatory, anti-oxidative and anti-cancer properties. However, clinical trials with resveratrol have not been too successful owing to resveratrol's low bioavailability and rapid metabolism, which is the major challenge for dietary phytochemicals. Several resveratrol analogs have attracted attention due to their improved pharmacokinetic properties and pharmacological potency. The potential of resveratrol and analogs for the treatment of various diseases requires further investigation using adequate preclinical models and, vitally, comprehensive clinical trials.

It is our great pleasure to initiate a Special Issue “Resveratrol and Its Analogs in Human Diseases” to publish original or up-to-date reviews on the topic of the effects of resveratrol and its analogs in various diseases. It is our hope to welcome manuscripts with advanced knowledge of the mechanisms of action and improved pharmacokinetics for resveratrol and its potent analogs.

Prof. Dr. Anait S Levenson

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Guest Editors



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Special Issue



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