

Special Issue

From Bench to Bedside: Expanding the Scope of Thioredoxin Reductase Inhibitors as Promising Therapeutics for Tumors, Inflammatory Disorders, and Infectious Diseases

Message from the Guest Editors

This Special Issue aims to select all in-depth studies that focus on expanding the understanding of current druggable structures, enhancing the synergic effects of combined medication, improving pharmacological function, and decreasing toxicological side-effects. These studies on druggable compounds or components include research on natural herb extracts, noble-metal complexes, or antioxidants for pharmaceutical application, and involving free radical research, redox biology, and tumor microenvironment regulation, are hereby very warmly welcome. The investigation of small molecule inhibitors and druggable components is not limited to the aforementioned natural resources, clinical drugs, or known structures, but could also be extended to creative chemicals, dyes, pigments, probes, nutrients, and biological trace elements. The purpose of this Special Issue is to call for all pharmaceutical and biotechnological opinions/studies on novel molecules/structures targeting cellular thioredoxin reductase, intended for clinical application in the effective therapy of human cancer, inflammations, and infectious diseases.

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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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We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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