



Studies on the Cytotoxicity and Antimicrobial Effects of Synthetic and Natural Compounds

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Message from the Guest Editors

Organisms such as microorganisms, fungi, and animals (including insects) can supply us with valuable, biologically active products. A majority of contemporary studies on the biological activity of natural products are devoted to the search for natural compounds, particularly those demonstrating anticancer and antimicrobial effects.

Natural products still present a major source of new drug molecules. Plants and other natural sources can provide a huge range of complex and structurally diverse compounds. Many researchers have therefore focused on the investigation of plant extracts, microbial products, and new synthesized molecules as potential antimicrobial and antiproliferative agents. Many molecules of natural origin act as starting compounds for the synthesis of new molecules with antimicrobial or cytotoxic effects.

This Special Issue looks to collect original research articles and review articles addressing recent advances in the investigation of antimicrobial and/or cytotoxicity effects of synthetic and natural compounds.





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