

Special Issue

The Green Revolution in Cancer Research: Bioactive Substances from Plants as Promising Therapeutics

Message from the Guest Editor

In cancer research, exploring plant-derived bioactive substances is gaining more attention as it attempts to alter conventional therapeutic approaches. Traditional treatments often carry significant side effects and limitations, prompting scientists to investigate plant-based compounds with medicinal properties. Evidence suggests that various bioactive compounds, such as flavonoids, alkaloids, curcumin, and terpenoids, exhibit promising anti-cancer properties.

Current research focuses on elucidating the molecular mechanisms underlying these effects, highlighting the potential for these compounds to target multiple cancer pathways. The integration of plant-based therapies presents a compelling complementary approach, potentially enhancing the efficacy of conventional treatments while reducing adverse effects.

This Special Issue seeks to highlight progress in this exciting field, focusing on the potential of plant-derived treatments to transform cancer treatment and improve patient outcomes. Through cutting-edge research, the future of oncology may be closely connected to the resources provided by nature.

Guest Editor

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