

Special Issue

Antibacterial and Antioxidant Effects of Plant-Sourced Compounds

Message from the Guest Editor

Although the plants have been traditionally used in various kinds of indigenous medicinal systems and many of their compounds hold promise for their antibacterial and antioxidant properties, further research is needed to fully discover their potential and to understand their mechanisms of action and possible applications in medicine and health. Moreover, their effectiveness can vary depending on factors such as the plant species, extraction methods, and concentrations used. Thus the papers in this Special Issue will provide up-to-date literature analysis and newly generated research on the antibacterial and antioxidant effectiveness of plant extracts, plant-derived compounds, or their synthetic analogs, including innovative approaches for obtaining phytochemical-rich extracts/higher yield of phytocompounds and evaluating their activities, including combinatory effect. **Keywords:**

- antibacterial effect
- antioxidants
- medicinal plants
- anti-infective agents
- phytochemicals

Guest Editor

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