

**molecules**



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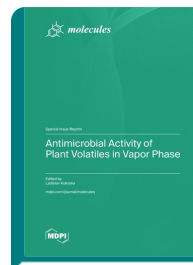
## **Antimicrobial Activity of Plant Volatiles in Vapor Phase**

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Edited by  
Ladislav Kokoska

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Plant-derived volatile agents are important as pharmaceuticals, agrochemicals food flavours and fragrances. Because of antimicrobial properties and high volatility, these products have strong potential to be used in novel agricultural, food and pharmaceutical applications. However, lack of knowledge on chemistry and biological activity of their vapours is the main limiting factor for their introduction to the practice. Therefore, the aim of this Special Issue is to present the recent advances and developments in the area of antimicrobial activity of plant volatile agents in vapour phase. The issue papers provide information on various aspects of antibacterial/antifungal effects and chemical properties of plant volatiles, with special emphasis on innovative bioassays and modern sampling methods for testing and analysing their vapours. The information in this Special Issue should be useful for medicinal, pharmaceutical, food and agricultural experts working in the areas related to management of infectious diseases, food preservation, and protection of agriculture products. It may also stimulate interest of pharmaceutical, food and agriculture industries in research and development of new antimicrobial agents.



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