



## In Vitro Antibacterial Activity of Essential Oils against *Streptococcus pyogenes*

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Résumé en anglais	<p><i>Streptococcus pyogenes</i> plays an important role in the pathogenesis of tonsillitis. The present study was conducted to evaluate the in vitro antibacterial activities of 18 essential oils chemotypes from aromatic medicinal plants against <i>S. pyogenes</i>. Antibacterial activity of essential oils was investigated using disc diffusion method. Minimum Inhibitory Concentration of essential oils showing an important antibacterial activity was measured using broth dilution method. Out of 18 essential oils tested, 14 showed antibacterial activity against <i>S. pyogenes</i>. Among them <i>Cinnamomum verum</i>, <i>Cymbopogon citratus</i>, <i>Thymus vulgaris</i> CT thymol, <i>Origanum compactum</i>, and <i>Satureja montana</i> essential oils exhibited significant antibacterial activity. The in vitro results reported here suggest that, for patients suffering from bacterial throat infections, if aromatherapy is used, these essential oils, considered as potential antimicrobial agents, should be preferred.</p>
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