

In recent decades, the phenomenon of resistance of microorganisms to anti-infectious molecules used in therapy has become a health problem throughout the world. Therefore, it is necessary to adopt new approaches to overcome this phenomenon of resistance with the suggestion of finding the solution by researching bioactive molecules in medicinal plants and exploiting them in the pharmaceutical industry in order to develop new antimicrobial drugs. *Nigella sativa* is used in many regions in traditional medicine, has broad therapeutic effects, and has been reported to have significant antimicrobial effects. This review article attempts to describe some antimicrobial effects such as antiviral, antibacterial, antifungal and antiprotozoal effects, and which have been carried out by various researchers.

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