



Medicinal Importance of Garlic and Onions on Autonomic Nervous System

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Abstract

Medicinal Importance of Garlic and Onions on Autonomic Nervous System: It's a unique research study done to actually revealed and to demonstrate the actions and interactions of garlicks and onions on the body's Autonomic nervous functions. The method used in this research was collecting and analysing the effects, adverse effects and purpose of usage seen by using these bulbs on human subjects, we noticed people in our community use these bulbs as herbal concoctions , so we trying gotten data through questionnaires to know the effects of these bulbs has on the autonomic nervous system.

The result summarized in the table above suggest the bulbs have effects on the the parasympathetic part of the autonomic nervous similar but milder to that of organophosphate. So the review of the chemistry of these bulbs reveals they contain organosulphur compounds (allicin and isoallicin respectively) which act as indirect acting muscarinic agonists by their inhibitory effects on acetylcholinesterase and butyrylcholinesterase enzymes know to breakdown acetylcholine the major stimulator of muscarinic receptors in the body. The effects and toxicity of these bulbs on every system of the body were critically analyzed and further research which cited this on the review of toxicity of allicin in garlic was conducted.

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