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Antimicrobial Activity of Black Fruit Variant of *Solanum nigrum* L.

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Solanum nigrum L. generally known as black nightshade is one of the common Indian medicinal plants, which belongs to family Solanaceae. All parts of the plant i.e., leaf, stem, root, flower and fruits are used for the treatment of various diseases. The members of this taxon differ from each other on the basis of some important morphological characters like fruit colour, size of seeds, pollen grains and stomata. For the present investigation, entire plant of black fruited variant of *Solanum nigrum* was selected and antimicrobial activity was screened. The antimicrobial activity of three different concentrations, 25 µg/ml, 50 µg/ml and 100 µg/ml of 50% of ethanol extract of *Solanum nigrum* (black fruited) was screened against two Gram negative bacteria, *Escherichia coli* and *Pseudomonas aeruginosa*, a Gram positive bacterium, *Staphylococcus aureus* and three species of fungi i.e., *Aspergillus niger*, *Aspergillus flavus* and *Candida albicans* by well and disc diffusion methods. Fifty percent ethanol extract of black fruit variant of *Solanum nigrum* exhibited dose dependent significant inhibitory activities against both bacterial and fungal strains at tested concentrations.

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