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Pharmacological effects in species of genus "*Ocimum*"

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In the present investigation, an attempt has been made to congregate the botanical, phytochemical, ethnomedicinal, pharmacological and toxicological information on *Ocimum sanctum* Linn. (OS, Tulsi), a medicinal herb used in the indigenous system of medicine. The roots, leaves and seeds of Tulsi possess several medicinal properties. Ayurvedic texts categorise as stimulant, aromatic and antipyretic. It has a wide range of action on the human body mainly as a cough alleviator, a sweat-inducer and a mitigator of indigestion and anorexia. *Ocimum sanctum* has a variety of biological / pharmacological activities such as antibacterial, antiviral, antifungal, antiprotozoal, antimalarial, anthelmintic, antidiarrhoeal, analgesic, antipyretic, anti-inflammatory, antiallergic, antihypertensive, cardioprotective, central nervous system (CNS) depressant, memory enhancer, antihypercholesterolaemic, hepatoprotective, antidiabetic, antiasthmatic, antithyroid, antioxidant, anticancer,

immunomodulatory, antifertility, antiulcer, antiarthritic, apoptogenic / antistress, anticataract, antileucodermal and anticoagulant activities. *Ocimum sanctum* to know its proper usage as this herb is seemed to be highly valuable, possessing many pharmacological / medicinal properties.

Speaker Biography

Prerna Sharma's field of specialization is Pharmacognosy and she completed her master in Pharmaceutical sciences (2012) honour with gold medallist / appreciation in RITS, Sirsa, India and recently she is pursuing her PhD from last three years at the Uttarakhand Technical University, Dehradun, India she has over 4 years of experience in pharmaceutical sciences, her field of expertise is standardisation of herbal plants/ herbal formulation. Her research area includes pharmacognostical & phytochemical investigation of Indian medicinal plants, she has 03 research/review publication national/international journals of repute to her credit and delegated more than 10 National/international conferences / workshops. She is a life member of professional bodies like association of pharmaceutical teachers of India (APTI).

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