

Pharmacognostic and Pharmacological Review on *Allium sativum*

Kokane Snehal M¹, Mundhe Siddhika S², Pawar Shankar B³, Khan Talha N⁴, Gadge Shubham C⁵

Department of Pharmacy, Samarth Institute of Pharmacy, Pune, Maharashtra, India^{1,2,3,4}

Department of Pharmacology, Samarth Institute of Pharmacy, Pune, Maharashtra, India⁵

Abstract: *Allium sativum*, also known as Clove Garlic belongs to Lilliceae family. It has been used as a medicinal agent for thousands of years. Garlic is one of the most important bulb vegetables, which is used as spice and flavouring agent. It garlic has pharmaceutical effects and used to cure a vast conditions including blood pressure and cholesterol, anthelmintics, antifungal and wound healing, obstinate skin disease including leprosy, and itches, indigestion, respiratory tract infection, ear conditions, diabetes, and night blindness. Garlic has shown anti-viral, anti-bacterial, antifungal, and anti-cancer Properties. Different pharmacological experiments in a number of in vitro and in vivo models have convincingly demonstrated the ability of *Allium sativum* to exhibit Anti-inflammatory, Antidiabetic, Anti-protozoal, Antibacterial, Antispasmodic, Antihypertensive, Anticoagulant, Anti-tumor.

Keywords: *Allium sativum*, Pharmacological activities, Medicinal uses

REFERENCES

- [1]. Anju Wilson, Dhruv Pandya, Dr Archana Mankad and Dr Hitesh Solanki, 2019 IJRAR February 2019, Volume 6, Issue 1.
- [2]. Idi A. Antidiabetic effect of garlic (*Allium sativum* L.) in normal and streptozotocin induced Diabetic rats. *Phytomedicine* 2006; 13: 624-629.
- [3]. Aporaso N, Smith SM Ing RHK. Antifungal activity in Human urine and serum after injection of garlic. *Antimicrobial Agents Chemother.* 1983; 23:700-2.
- [4]. Milner J. A. Garlic: its Anticarcinogenic and Antitumor Properties. *Nutr. Rev.* 1996; 54:S82-86.
- [5]. Silagy CA, Neil HA. A meta-analysis of the effect of Garlic on blood pressure. *J Hypertens.* 1994; 12:463-8.
- [6]. Thomson, M., & Ali, M. (2003). Garlic [*Allium sativum*]: a review of its potential use as an anti-Cancer agent. *Current cancer drug targets*, 3(1), 67-81.
- [7]. Essman E. J. The Medicinal Uses of Herbs. *Filoterapia.* 1984; 55:279-289.
- [8]. Tattelman E. Health effects of Garlic. *Complementary and Alternative medicine* 2005; 72(1): 103-9.106.
- [9]. Bolton S, Null G, Troetel WH, The Medicinal Uses of Garlic – Fact or Fiction. *Am. Pharmacy.* 1982; 22:448-451.
- [10]. Rivlin RS. Historical Perspective on the Use of Garlic. *J. Nutr.* 2001; 131:951S-954S
- [11]. Moyers S. *Garlic in Health, History and World Cuisine*; Suncoast Press: St. Petersburg, FL, 1996, 1-36