

# Evaluation of Gastro-Protective Activity of *Nigella Sativa* Seeds Extract in Wistar Rat

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**Abstract:** *Nigella sativa* is commonly known as black seed traditionally used in various diseases. In this investigation to find out gastroprotective activity in rats. This paper reports on the investigation of the acute toxicity and gastroprotective effect of the *Nigella sativa* seed extract on Ibuprofen-induced ulcers. The extract did not show acute toxicity in mice treated with 2 g/kg p.o., but exhibited significant antiulcer activity in rats at doses of 300, and 400mg/kg p.o., with the reference drug omeprazole. The results provide evidence for the usage of *Nigella sativa* as angastroprotective agent, which has been based previously only on ethnopharmacological claims.

**Keywords:** *Nigella sativa*, gastroprotective activity, acute toxicity, herbal plants

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