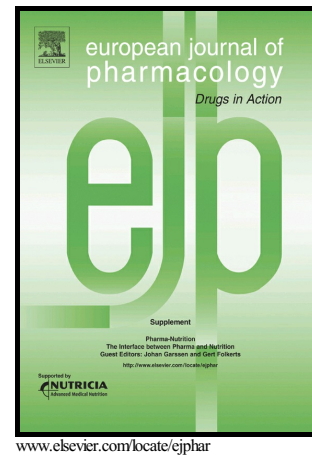


## Author's Accepted Manuscript

Galantamine attenuates N-N dimethyl hydrazine induced neoplastic colon damage by inhibiting acetylcholinesterase and bimodal regulation of nicotinic cholinergic neurotransmission

Shreesh Raj Sammi, Jitendra K. Rawat, Neetu Raghav, Ajay Kumar, Subhadeep Roy, Manjari Singh, Swetlana Gautam, Rajnish K. Yadav, Uma Devi, Rakesh Pandey, Gaurav Kaithwas



PII: S0014-2999(17)30683-0

DOI: <https://doi.org/10.1016/j.ejphar.2017.10.036>

Reference: EJP71474

To appear in: *European Journal of Pharmacology*

Cite this article as: Shreesh Raj Sammi, Jitendra K. Rawat, Neetu Raghav, Ajay Kumar, Subhadeep Roy, Manjari Singh, Swetlana Gautam, Rajnish K. Yadav, Uma Devi, Rakesh Pandey and Gaurav Kaithwas, Galantamine attenuates N-N dimethyl hydrazine induced neoplastic colon damage by inhibiting acetylcholinesterase and bimodal regulation of nicotinic cholinergic neurotransmission, *European Journal of Pharmacology*, <https://doi.org/10.1016/j.ejphar.2017.10.036>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Galantamine attenuates N-N dimethyl hydrazine induced neoplastic colon damage by inhibiting acetylcholinesterase and bimodal regulation of nicotinic cholinergic neurotransmission**

Shreesh Raj Sammi<sup>1</sup>, Jitendra K Rawat<sup>2</sup>, Neetu Raghav<sup>2</sup>, Ajay Kumar<sup>2</sup>, Subhadeep Roy<sup>2</sup>, Manjari Singh<sup>2</sup>, Swetlana Gautam<sup>2</sup>, Rajnish K Yadav<sup>2</sup>, Uma Devi<sup>3</sup>, Rakesh Pandey<sup>1</sup>, Gaurav Kaithwas<sup>2\*</sup>

<sup>1</sup>Department of Microbial Technology and Nematology CSIR-Central Institute of Medicinal and Aromatic Plants Near Kukrail Picnic Spot, Lucknow, India

<sup>2</sup>Department of Pharmaceutical Sciences, School of Biosciences and Biotechnology, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, Uttar Pradesh, India

<sup>3</sup>Department of Pharmaceutical Sciences Faculty of Health Medical Sciences Indigenous and Alternative Medicine SHIATS- Deemed to be University Formerly Allahabad Agricultural Institute Naini, Allahabad (U.P.), India

**\*Corresponding Author:** Department of Pharmaceutical Sciences, School of Biosciences and Biotechnology, Babasaheb Bhimrao Ambedkar University (A Central University), Vidya Vihar, Raebareli Road, Lucknow-226025, Uttar Pradesh, India. E-mail: [gauravpharm@hotmail.com](mailto:gauravpharm@hotmail.com); Tel: +91-522-2998129; +91-9670204349

**Abstract**

Download English Version:

<https://daneshyari.com/en/article/8529861>

Download Persian Version:

<https://daneshyari.com/article/8529861>

[Daneshyari.com](https://daneshyari.com)