Shahid Virpatni Laxmi Mahavidyalaya, Titave
Department of Home Science (FSN)
File No.22 Publications, Awards and Recognition

I) Research Publications

Year	International Journal	National Journal	International Conference / Seminar	National Conference / Seminar	Book chapter	Proceedings	Any other	Total
2022-23	01	--	--		--	--	--	02
2022-23	01	--	--		--	--	--	--
Total	--	--	--		--	--	--	02

I)   List of Research Publications

Sr. No.	Year of Publication	Title of the Publication/DOI, Impact factor	Name of Co-author if any	Name of Journal having ISBN/ISSN number
Faculty:- Dr. Madhuri Sangar				
1	2022-23	Roasted garlic Protects against leaky gut syndrome in dextran sodium sulfateinducd colitis mice.(Online date of publication : 09/02/2017, DOI: https://doi.org/10.1007/s10068-022-01116-w.) **Impact factor: 3.231**	Dr. Divya Sharma	Food Science and Biotechnology
2	2022-23	Effcet of Fermented Onion on Gut health in Dextran Sodium Sulfate (DSS) – Induced Inflammmtory Boewl Disease (IBD) Rats . DOI: https://doi.org/10.3390/app13031590 **Impact factor:2.7**	Sangpreecha Neeracha	Applied science MDPI

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Roasted garlic protects against leaky gut syndrome in dextran sodium sulfate-induced colitis mice

Divya Sharma, Madhuri Sangar, Jeom-Leon Park, Seong-Gook Kang & Kyung-Sik Ham ✉

Abstract

Garlic (*Allium sativum*) is a potentially beneficial functional food that is extensively grown around the globe. We have investigated the effect of roasted garlic on a dextran sodium sulfate (DSS)-induced intestinal permeability model in mice. Mice were divided into four diet groups: CON, DSS, RG (roasted garlic), and RG + Purple bamboo salt (RGP) in the AIN 93G diet for 3 weeks. All groups except the CON group received 2% DSS in drinking water at the last week of the experiment. DSS groups showed significantly elevated gut permeability levels and decreased tight junction protein expression