

Prof. M. K. Dhar (2021-2023)

- Suruchi Gupta, Ravail Singh, Arti Sharma, Surinder Kumar Lattoo and **Manoj Kumar Dhar (2022)**. Comparative transcriptome mining for terpenoid biosynthetic pathway genes in wild and cultivated species of Plantago. *Protoplasma*, **259(2)**, 439-452. DOI:10.1007/s00709-021-01663-9.
- Suruchi Gupta, Malvi Choudhary, Baljinder Singh, Ravail Singh, **Manoj Kumar Dhar** and Sanjana Kaul (2022). Diversity and biological activity of fungal endophytes of Zingiber officinale Rosc. with emphasis on Aspergillus terreus as a biocontrol agent of its leaf spot. *Biocatalysis and Agricultural Biotechnology*, **39**, 102234. DOI: 10.1016 /j.bcab. 2021.102234.
- SudershanAmrit, Kanak Mahajan, Rakesh Panjaliya, **Manoj Kumar Dhar** and Kumar P (2022). Algorithm for sample availability prediction in a hospital-based epidemiological study spreadsheet-based sample availability calculator. *Scientific Reports*, **12(1)**, 1-8. DOI:10.1038/s41598-021-03399-1.
- Suruchi Gupta, Ravail Singh, Arti Sharma, Gulzar Ahmed Rather, Surinder Kumar Lattoo and **Manoj Kumar Dhar (2022)**. Comparative transcriptome mining for terpenoid biosynthetic pathway genes in wild and cultivated species of Plantago. *Protoplasma*, **25(9)**, 439-452. DOI:10.1007/s00709-021-01663-9.
- Venu Sharma, AremQayumA, Kamal Kumar Kapoor, Debaraj Mukherjee, Shashank Kumar Singh, **Manoj Kumar Dhar** and Sanjana Kaul (2022). Synthesis of 14-deoxy-benzylidene-8, 17-epoxy-diene-andrographolide derivatives and evaluation of their anticancer activities. *Journal of the Indian Chemical Society*, 100490. DOI: 10.1016/ j.jics.2022.100490.
- Deepak Sharma, Sakshi Bhushan, Dinesh Chandra Agrawal, **Manoj Kumar Dhar** and Sanjana Kaul (2022). Cannabis as a Potent Therapeutic Agent for Pharmaceutical Drugs: Recent Advancement in Drug Discovery and Human Healthcare. *Cannabis/Marijuana for Healthcare*, 77.
- Malik Muzafar Manzoor, Pooja Goyal, Pankaj Pandotra, Mohd Saleem Dar, Mohd Dar, Prashant Misra, AJAI Prakash Gupta, Ram A. Vishwakarma, Ashok Ahuja, **Manoj Kumar Dhar** and Suphla Gupta (2021). Transcriptome-wide identification of squalene epoxidase genes from Glycyrrhiza glabra L.: expression analysis and heterologous expression of GgSQE1 suggest important role in terpenoid biosynthesis. *Protoplasma*, **258(5)**, 991-1007 DOI:10.1007/s00709-021-01616-2.
- Mahpara Kashtwari, Sabbi Jan, Aijaz Ahmad Wani and **Manoj Kumar Dhar (2021)**. Induction of polyploidy in saffron (Crocus sativus L.) using colchicine. *Journal of Crop Improvement*, **1-27**. DOI:10.1080/15427528.2021.1994502.
- Supriya Sharma, Ashish Raina, Dinesh Chandra Agrawal, **MK Dhar** and Sanjana Kaul (2021). Neurotoxic Medicinal Plants of Indian Himalayan Regions: An Overview. *Medicinal Herbs and Fungi*: 469-493.
- Malvi Choudhary, Sharma I, Agrawal Dinesh Chandra, **Manoj Kumar Dhar** and Sanjana Kaul (2021). Neurotoxic Potential of Alkaloids from Thorn Apple (*Datura stramonium* L.):

A Commonly Used Indian Folk Medicinal Herb. In Medicinal Herbs and Fungi: 391-420. Springer, Singapore.

- Sakshi Bhushan, Sneh Rajput, Deepak Sharma, Tajinder Kaur, **Manoj Kumar Dhar** and Arora (2021). In vitro Antioxidant, Antimutagenic and Anti-hemolytic Potency of Allyl Isothiocyanate: A Natural Molecule. Journal of Biologically Active Products from Nature, 11(3), 228-241. DOI:10.1080/22311866.2021.1916594.
- Suruchi Gupta, Ravail Singh, Arti Sharma, Gulzar Ahmed Rather, Surinder Kumar Lattoo and **Manoj Kumar Dhar** (2021). Comparative transcriptome mining for terpenoid biosynthetic pathway genes in wild and cultivated species of Plantago. Protoplasma, 1-14. DOI:10.1007/s00709-021-01663-9.
- Sanjana Kaul, Malvi Choudhary, Suruchi Gupta and **Manoj Kumar Dhar** (2021). Engineering Host Microbiome for Crop Improvement and Sustainable Agriculture. Frontiers in Microbiology, 12, 1125. DOI:10.3389/fmicb.2021.635917.
- Malvi Choudhary, Suruchi Gupta, **Manoj Kumar Dhar** and Sanjana Kaul (2021). Endophytic Fungi-Mediated Biocatalysis and Biotransformations Paving the Way Toward Green Chemistry. Frontiers in Bioengineering and Biotechnology, 9, 419