

CURRICULUM VITAE

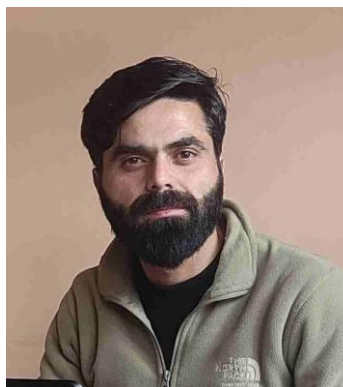
Dr. Mehrajud Din Talie

M.Sc. (Botany), NET-JRF, SRF, GATE, Ph.D.

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CORRESPONDING ADDRESS

Naid Khai, Sonawari; Dist. Bandipora.

State Jammu and Kashmir, India

Pin: (193501).

ACADEMIC QUALIFICATION

Exam	Univ./Board	Year of Passing	Passing Subjects
S.S.C.	JK BOSE	2008	Gen. English, Science, Maths, Social Sciences and Urdu
H.S.C.	JK BOSE	2010	English, Chemistry, Zoology, Botany, Environment science
B.Sc. / Graduation	University of Kashmir	2014	English, Zoology, Botany, Chemistry
M.Sc. / Post-graduation	Amravati University	2016	Botany
Ph.D.	University of Kashmir	2022	Plant Pathology, Mycology, photochemistry, and molecular biology (Department of Botany)

M.Sc. Final Year Project

Title: “In vitro Micropropagation of Medicinally important plant *Enicostemma littoralle* Blume”.

Name of Guide: **Dr. S. R. Manik**

Ex-Professor and Head,

Department of Botany,

Sant Gadge Baba Amravati University, Amravati.

Title of the Ph.D. Thesis

“Exploration, biochemical and molecular characterization of some Ascomycetous mushrooms from North Kashmir”

Supervisor

Prof. Abdul Hamid Wani

Professor

Department of Botany,

University of Kashmir,

Srinagar-190006

Co-supervisor

Dr. Mohd Yaqub Bhat

Associate Professor

Department of Botany,

University of Kashmir,

Srinagar-190006

COMPETATIVE EXAMS QUALIFIED

- CSIR-UGC National Eligibility Test (**NET-JRF**) - December 2017
- Graduate Aptitude Test in Engineering (**GATE**) – 2021

WORK EXPERIENCE

- Currently working as an Assistant Professor in Higher Education Department at Dept. of Botany Govt. Degree College Bandipora from 24th September 2024 till date.
- Worked as Lecturer in Higher Education Department at Dept. of Botany GDC Sumbal from 20th March 2023 to 26th December 2023.

ACADEMIC ENGAGEMENTS

- Currently working as Head Dept. of Botany, GDC Bandipora.
- Teaching Core and Skill Enhancement Courses at Undergraduate level.

CO-CURRICULAR ENGAGEMENTS

- Convener Landscape/Beatification Committee
- Co-convener Financial Aid Committee
- Co-convener Skill Courses Monitoring Committee
- Member IQAC
- Member Research Committee
- Member Innovation and Incubation Committee
- Member Carrier Counselling, Guidance cell
- Member Admission/ABC Committee
- Member Canteen Committee
- Member Discipline Committee
- Member Excursion and Subject Tour Committee

AREAS OF INTEREST

- Plant Tissue Culture
- Plant Molecular Biology
- Plant Photochemistry
- Mycology and Plant Pathology
- Green chemistry and Nanotechnology

LIST OF PUBLICATIONS

Mehrajud Din Talie*, Abdul Hamid Wani, Nusrat Ahmad, Mohd Yaqub Bhat, John Mohd War (2020). Green synthesis of silver nanoparticles (AgNPs) using *Helvella leucopus* Pers. and their antimycotic activity against fungi causing fungal rot of Apple. *Asian Journal of Pharmaceutical and Clinical Research*, **13** (4): 161-165.
doi: <http://dx.doi.org/10.22159/ajpcr.2020.v13i4.37024>

Mehrajud Din Talie, Abdul Hamid Wani, Bashir Ahmad Lone, Mohd Yaqub Bhat* (2020). Chemical composition and antifungal activity of essential oil of *Rhizopogon* species against fungal rot of apple. *Journal of Applied Biological Sciences*, **14**(3): 296-308.

Mehrajud Din Talie, Abdul Hamid Wani, Wasim Sajad Malik, Mohd Yaqub Bhat* (2020). A new species of *Rhizopogon* from Kashmir Valley, India. *Kavaka*, **55**: 128-133.
doi: 10.36460/Kavaka/55/2020/128-133

Talie MD, War JM, Wani AH, Bhat MY*, Sharma S, 2021. Diversity of Genus *Helvella* (Ascomycota: Pezizales: Helvellaceae) from Northern Kashmir, India. *Journal of Mycology and Plant Pathology*, **51**(3): 265-271.

Wani TA, Wani AH, **Talie MD***, Bhat MY*, Malik WS. 2023. *Bipolaris australiensis*, a new report of postharvest rot causing fungus of apple from Kashmir Valley and its management. *Journal of Mycology and Plant Pathology*, 53: 357-363.

Mansoor A. Malik*, Junaid A. Magray and **Mehrajud Din Talie** (2021). Current and historical perspectives on the global importance of medicinal plants: a review. *World Journal of Pharmaceutical and Life Sciences*. **7** (9): 49-52.

Wani AH, **Talie MD***, Dar AH, Shrikhandia P, Bhat MY, Wani TA (2023). Studies on true morels (*Morchella*) from North Kashmir, India. *Current Science*, **124**(5): 607-616.
doi: 10.18520/cs/v124/i5/607-616

Talie MD, Malik MA, Islam T, War JM, Wani TA (2021). *In vitro* callogenesis of medicinally important ayurvedic herb *Enicostemma littorale* Blume. *Asian Journal of Advances in Medical Science*, **3**(1): 22-26.

War JM, **Talie MD**, Bhat ZA, Wani AH, Bhat MY, Gawande PA, Yatoo GM (2018). *In-vitro* callogenesis of medicinal important plant *Andrographis paniculata* (Burm. f) Nees. *IJARSE*, **7**(4): 1074-1080.

Malik MA, **Talie MD**, Islam T, Magray JA, Shrivastava P, 2020. Exploring the salinity tolerant variety of Rice. *European Journal of Molecular & Clinical Medicine*, **7**(3): 2371-2382.

Dar, A.H., Wani, A.H., Bhat, M.Y., **Talie, M.D.** and Jan, N. (2023). In Vitro Evaluation of the Antidiabetic Efficacy of Mushrooms. In *Therapeutic Mushrooms for Diabetes Mellitus* (pp. 189-216). Apple Academic Press.

War, J. M., Wani, A. H., Malik, W. S., **Talie, M. D.**, & Bhat, M. Y. (2023). Three new reports of Basidiomycetous mushrooms (*Russula* and *Lactarius*: *Russulaceae*) from northern regions of Kashmir Himalaya, India. *J. Mycopathol. Res*, **61**(2): 259-266.

Malik, M. A., **Talie, M. D.**, & Ahmad, N. (2022). Fungal diseases of medicinal plants in fields as well as under storage-a review. *World Journal of Pharmaceutical and Life Science*, **8**(4): 01-09.

Dar, A. H., Wani, A. H., Bhat, M. Y., Sheikh, A. R., & **Talie, M. D.** (2023). Conspectus of traditional ethnomycological insights pertaining to wild mushrooms of South Kashmir, India. *Phytomedicine Plus*, **3**(4): 100477.

Dar, A. H., Wani, A. H., **Talie, M. D.**, Bhat, M. Y., & Sheikh, A. R. (2024). Nutritional composition and mycolith assessment of some wild mushrooms from southern region of Kashmir Himalaya, India. *Journal of Food Composition and Analysis*, **132**: 106336.

Talie, MD., Dar, AH. Malik, SA., War, JM., Wani, AH., & Bhat, MY. (2023). A Checklist of Ascomycetous mushrooms from North Kashmir, India. *J. Mycopathol.Res.*, **62**(1): 117-127. doi.10.57023/JMycR.62.1.2024.117

Talie, MD., War, J. M., Nisa, A. U., Dar, A. H., Wani, A. H., & Bhat, M. Y. (2024). Chemical composition and antimicrobial properties of *Morchella crassipes* from Kashmir Valley, India. *International Journal of Medicinal Mushrooms*. **26**: (6) 39-51.

CONFERENCES/WORKSHOPS/SEMINARS

International Conference on “Nanotechnology for Better Living” NIT Srinagar NBL-07-11 September, 2021. Participated and presented a paper entitled “*Green Synthesis and characterization of silver nanoparticles using fungi and their antifungal activities against pathogenic fungi*”.

3-Day National Workshop on Disaster Resilience of Kashmir in the face Climate change, Department of Env. Science, Cluster University Srinagar from 13-15 November, 2017. Presented Poster presentation on “*The changing climate scenario of Kashmir Valley after 2014 Floods*”.

National seminar on “National Development through Science and Technology” Indian Science Congress Association-Srinagar Chapter, 25-26 September, 2017. Oral presentation on “*Green Synthesis of silver nanoparticles using Helvella mushroom and its antifungal activities*”

3-Day National Workshop on “Plant Taxonomy: Classical and Modern Methods” organized by CBT, Department of Botany, University of Kashmir, 12-14 March, 2020. Participation.

National Science Day-2015. Theme “*Science for Nation Building*”. Organized by SGBAU Amravati University. Participated in Essay Competition held on 03-03-2015 in Department of Botany, Amravati University.

Workshop-cum-Brainstorming Session about the projects sponsored by the Ministry of Environmental Forest and Climate change under National Mission on Himalayan Studies. Organized by Department of Botany University of Kashmir. Participation. s