

National Research Institute of Unani Medicine for Skin Disorders, Hyderabad

Under Central Council for Research in Unani Medicine

Ministry of Ayush, Government of India

SCIENTIST PROFILE



Name: Dr. Syeda Hajra Fatima

Designation: Research Officer Pathology, Scientist Level -II

Department/Division: Department of Pathology, NRIUMSD

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1. Professional Profile / About the Scientist

Dr. Syeda Hajra Fatima, MD (Pathology), is Research Officer (Pathology) Scientist-II/ at the National Research Institute of Unani Medicine for Skin Disorders (NRIUMSD), Hyderabad, Ministry of AYUSH, specializing in pathology and dermatological disorders. She has 23 research publications, serves as Principal Investigator for two CCRUM-funded Intramural Research (IMR) projects, and as Co-Investigator in fundamental research projects. Her current research focuses on diagnostic and laboratory medicine, histopathology, clinical pathology, Dermatopathology, with an emphasis on generating scientific evidence for Unani interventions. She also serves as Co-guide for MD Moalajat postgraduate students, contributing to academic training and research mentorship

2. Educational Qualifications

Degree/Qualification	Specialization	University/Institution	Year
M.B.B.S– Bachelor of Medicine and Bachelor of Surgery	Medicine and Surgery	Deccan College of Medical Sciences, Under NTR University of health sciences. A.P	2008
M.D - Doctor of Medicine	Pathology	Osmania Medical College, Under NTR University of health sciences.A.P	2013

3. Areas of Specialization

- Clinical Pathology
- Histopathology
- Laboratory Medicine & Quality Management

4. Research Interests

- Diagnostic Pathology and Laboratory Medicine
- Histopathology and Dermatopathology
- Biomarker and Molecular Pathology Research
- Genetics, Genomics and Precision Medicine

5. Research Projects

Project Title	Role (PI/Co-PI/Investigator)	Funding Agency	Duration	Status
IMR- A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to compare the Efficacy of Qurs-e-Asfar (O) and Marham-e-Dād (L) with Itraconazole (O) and Terbinafine (L) in the Management of Qūbā (Dermatophytosis) along with Gene Expression and Biomarkers Analysis	PI	CCRUM	03 Years	Ongoing
IMR -Open Label Pilot Study to Evaluate the Effect of Topical Unani Formulation in the Management of Cervical Low-Grade Squamous Intraepithelial Lesion (LSIL)	PI	CCRUM	03 Years	Ongoing
IMR- Evaluation of the Effect of Coded Unani Formulations on Various Immunohistochemistry and Serum Biomarkers in Psoriasis Patients	PI	CCRUM	03 Years	Ongoing

IMR - To study the effect of coded Unani formulations (UNIM-004-oral and UNIM-005-Topical) on certain Biomarkers in Vitiligo Patients	Co-PI	CCRUM	03 Years	Ongoing
IMR - A Single-Arm, Open-Label, Interventional Pilot Study to Investigate the Efficacy and Modulatory Impact of Hijāma bi'l Sharṭ (Wet Cupping Therapy) on Biomarkers in Waja' al-Mafāṣil (Knee Osteoarthritis)	Co-PI	CCRUM	02 Years	Ongoing
IMR- A Randomized open-label, parallel-group, active controlled clinical study to evaluate the safety and efficacy of a Unani Formulation compared with Metformin in patients with Dhayabitus Harr [Type 2 Diabetes Mellitus (G-2)].	Co-PI	CCRUM	03 Years	Ongoing
Pharmacogenomics of Munjiz Mushil Therapy in Psoriasis with Special Reference to Humoural Theory	Co-PI	CCRUM	03 Years	Ongoing
Genetic Analysis of Apolipoprotein B in Dyslipidemia and the Effect of Cupping in the Light of Unani Philosophy.	Co-PI	CCRUM	03 Years	Ongoing
Significance of VDR gene polymorphism in the pathogenesis of vitiligo to identify the molecular mechanism in relation to the clinical phenotyping of Unani philosophy.	Co-PI	CCRUM	03 Years	Ongoing

6. Major Scientific Contributions / Achievements

1. _____
2. _____
3. _____
4. _____

7. Publications & Scholarly Contributions

Category	Number / Details
Research Publications	23
Book Chapters	NIL
Books/Monographs	NIL
Patents / Technology / Products	NIL
Conference Presentations	01

Selected Publications (5–10):

1. Ahmad T, Kumar GS, Latha S, Javed G, Yadav PK, Fatima SH*. Comparative analysis of pulse wave and aortic augmentation index using sphygmocor among hypertensive and normotensive participants. Indian J Forensic Community Med. Dec 2025 DOI: 10.18231/j.ijfcm.12963.1761632896
2. Syeda Hajra Fatima*, Syeda Khadeerunisa, Tasleem Ahmad, Ghazala Javed , Ahmed Minhajuddin , Munawwar Husain Kaszmi. An open labelled prospective clinical study to evaluate the Lithotriptic effect of Safūf Hajar-al Yahūd in patients of Hasāh al-Kulya (Nephrolithiasis). Hippocratic Journal of Unani Medicine, Volume 16(3), July–September 2021. Published in November 22, 2023
3. Ismail, B. A., Nawab, M. , & Fatima, S. H. (2024). A Single Centre Demographic and Clinico-epidemiological Profile of Pityriasis Versicolor in Adults: A Cross-Sectional Study. Bangladesh Journal of Medical Science, 23(1), 141–149. <https://doi.org/10.3329/bjms.v23i1.70707>
4. Naseem S, Nawab M, Fatima S H, Minhajuddin A, Khan A. Assessing the efficacy and safety of Unani Pharmacopoeial formulations in dermatophytosis (Qūbā) – a randomized controlled trial. Drug Metabolism and Personalized Therapy. 2023;38(2):169-17
5. Bhoraniya Abdullah Ismail, Mohammad Nawab, Syeda Hajra Fatima, Ahmed Minhajuddin, Mohammed Abdul Rasheed Naikodi. Evaluation of the efficacy and safety of Unani Formulations in Pityriasis Versicolor: A randomized controlled trial. Journal of Ethnopharmacology. Volume 298, 15 November 2022, 115603 <https://doi.org/10.1016/j.jep.2022.115603>
6. Ahmad, Nadeem ; Nawab, M ; Kazmi, M H; Fatima, S H. Evaluation of efficacy and safety of a polyherbal Unani formulation in diabetes mellitus type 2 (Zayābītus Sukkari Qism Sāni) - a randomised controlled clinical study. January 2021. Indian Journal of Traditional Knowledge 20(1):15-20. DOI: 10.56042/ijtk.v20i1.30755
7. Husain G, Ahmad T, Fatima S, Javed G, Kazmi M, Urooj M. 90-Days Repeated Dose Oral Toxicity Study of Sharbat-e-Deenar (A Hepatoprotective Unani Herbal Formulation). Trad Integr Med. 2021;6(1):5-18
8. Shravan Kumar Ghali, Alokanda Chakraborty, Arzeena Jabeen, Syeda Khadeeruniss, Asiya Khanum, Syeda Hajra Fatima, Ghazala Javed, Younis Iftikhar Munshi, and Tasleem

Ahmad*. Comparative Evaluation of IFN- γ Serum Levels And Mrna Expression In Connection With Gallstone Patients: A Case-Controlled Study. Suranaree J. Sci. Technol. January 2026. 32(6):070096(1-9)

9. Shravan Kumar Ghali, Alokanda Chakraborty, Arzeena Jabeen, Syeda Khadeerunissa, Asiya Khanum, Syeda Hajra Fatima, Ghazala Javed, Younis Iftikhar Munshi and Tasleem Ahmad. Evaluating Gene Expression Studies And Protein Biolevels of Inflammatory Cytokine In Dermatological Disorders. Biochem. Cell. Arch. Vol. 25, No. 1, pp. 1157-1167, 2025. DOI: <https://doi.org/10.51470/bca.2025.25.1.1151>

10. Umme Ammara Maqbool Ahmad Ansari , Qamar Uddin , Nazim Husain , Tasleem Ahmad , Syeda Hajra Fatima , Ahmed Minhajuddin. Evaluation of the efficacy and safety of a herbal formulation for rheumatoid arthritis – A non-inferiority randomized controlled trial. Journal of Ethnopharmacology. Volume 325, Feb 2024, 117833. <https://doi.org/10.1016/j.jep.2024.117833>

8. Awards, Honours & Recognitions: NIL

9. Professional Memberships / Fellowships: NIL