

Mohammad Adnan

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Profile Summary

A highly motivated and accomplished academic professional with a Master's degree in Pharmaceutics and currently pursuing doctoral research. Demonstrates substantial experience in undergraduate teaching, research laboratory supervision. Possesses strong expertise in lipid-based nano-formulation, topical drug delivery, and characterization of formulations. Proven ability in organizing international conferences and efficiently managing PCI inspection documentation. Committed to advancing the field of pharmaceutical sciences through excellence in teaching, impactful research, and adherence to academic and accreditation standards.

Academic Credential

Ph.D. in Pharmaceutics (Pursuing) (2024 – Present)

Integral University, Lucknow, U.P., India

M. Pharm. Pharmaceutics (Gold Medalist), Integral University, Lucknow, Uttar Pradesh, India. (First Division with Honours). 2022

Thesis: Development and Evaluation of Novel Transethosomal gel of Apigenin for Topical Delivery Against Skin Cancer.

B.Pharm. Al-Ameen College of Pharmacy, Bengaluru, Karnataka, India (First Division with Honours). 2020

Intermediate (12th). Stepping Stone Inter College, Gorakhpur, Uttar Pradesh 2014

Matriculation (10th). Stepping Stone Inter College, Gorakhpur, Uttar Pradesh 2012

Publication

- **Adnan, M.**, Afzal, O., Altamimi, A. S., Alamri, M. A., Haider, T., & Haider, M. F. (2023). Development and optimization of transethosomal gel of apigenin for topical delivery: In-vitro, ex- vivo and cell line assessment. **International journal of pharmaceutics** , 631 , 122506 . <https://doi.org/10.1016/j.ijpharm.2022.122506> .
- **Adnan, M.**, Akhter, M. H., Afzal, O., Altamimi, A. S. A., Ahmad, I . , Alossaimi, M. A., Jaremko, M., Emwas, A.- H., Haider, T., & Haider, M. F. (2023). Exploring Nanocarriers as Treatment Modalities for Skin Cancer. **Molecules** , 28(15), 5905 . <https://doi.org/10.3390/molecules28155905> .
- **Adnan, M.**, Haider, M. F., Naseem, N., & Haider, T. (2023). Transethosomes: a promising challenge for topical delivery short title: transethosomes for topical delivery. **Drug Research**, 73 (04), 200-212. DOI: [10.1055/a-1974-9078](https://doi.org/10.1055/a-1974-9078).

Patent

System for the preparation of transethosomal apigenin gel for topical administration (2022). German Utility Model Number (202022105412).

Teaching & Research Experience

- Having more than 1.5 years of teaching Experience in pharmaceutical education.
- Participated in academic planning and syllabus implementation.

Technical Expertise

DoE: Desing Expert.

Statical analysis: GraphPad prism.

Wet Lab Skills: Nano-formulation development, and characterization.

Cheminformatics: Chem Draw.

Awards & Honors

Gold Medalist, M. Pharm. Topper, Integral University (2022)

Workshop

- Completed a one-day workshop on '**High-Resolution Confocal Imaging**' organized by Integral Centre of Excellence for Interdisciplinary Research (ICEIR), Lucknow 2026.
- One-Week Faculty Development Program (FDP) on the theme "**Artificial Intelligence in Research, Teaching-Learning & Academic Innovation**". Organized by the Human Resource Development Center (HRDC), Integral University, under the initiative of "AI@Integral".

Conferences

- Attended webinar on **Scopus onboarding session at Elsevier**, 2021.
- DBT Sponsored National E-Conference on '**Targeted Drug Delivery System Against Neurodegenerative Diseases**' on 20th and 21st Jan 2022. Organized by **College of Pharmaceutical Sciences, Dayananda Sagar University**, Bengaluru.

Personal Details

Father's name	: Mr. Kalimullah
Mother's Name	: Mrs. Saleha Khatoon
Date of Birth	: 10.06.1997
Marital Status	: Unmarried
Nationality	: Indian
Hobby	: Reading books
Language Known	: English, Hindi, Urdu