

Name	Dr. Anroop B Nair		
Specialization	Pharmaceutics		
Current Position	Professor		
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Academic Qualifications	Degree/year/ university/ country	Ph.D. 2006, Jadavpur University, Kolkata, India
	Degree/year/ university/ country	Master of Pharmacy, 1998, Birla Institute of Technology, Ranchi, India
	Degree/year/ university/ country	Bachelor of Pharmacy, 1996, Dr. MGR Medical University, Chennai, India

Teaching Experience	➤ Since September, 2022 , Professor, College of Clinical Pharmacy, King Faisal University, Al Ahsa, Saudi Arabia
	➤ Since December, 2017 , Associate professor, College of Clinical Pharmacy, King Faisal University, Al Ahsa, Saudi Arabia
	➤ January, 2012 – November, 2017 , Assistant professor, College of Clinical Pharmacy, King Faisal University, Al Ahsa, Saudi Arabia
	➤ September, 2009 – December, 2011 , Professor, MM College of Pharmacy, Ambala, India
	➤ March, 2007 – July, 2007 , Assistant Professor, School of Pharmacy, Masterskill College of Nursing and Health, Kuala Lumpur, Malaysia
	➤ January 2005 - February 2007 , Assistant Professor, Dept of Pharmaceutics. PES College of Pharmacy, Bangalore, India
	➤ April 1999 - December 2004 , Senior Lecturer, SBS PG I, Dehradun, India

Courses Taught and Teaching in KFU with Course number	➤ 2010121: Physical Pharmacy
	➤ 2010223 : Pharmaceutical Dosage Forms
	➤ 2010312 : Pharmaceutical Delivery System

Research Interests	➤ Nose to brain drug delivery.
	➤ Development of novel buccal drug delivery systems.
	➤ Novel approaches for transdermal delivery of antidiabetic agents.
	➤ Polymeric nano carriers for topical skin delivery.
	➤ Enhancement of oral bioavailability using nano formulations.

1. Mewada V, Shah J, Jacob S, Shah H, Boddu SH, **Nair AB**. Improvement of Bioavailability of Sildenafil Citrate Through Taste Masked Orodispersible Film for Pulmonary Hypertension Management. *AAPS PharmSciTech*. 2024 Aug 21;25(7):194. <https://doi.org/10.1208/s12249-024-02905-8>
2. Jacob S, Kather FS, Morsy MA, Boddu SHS, Attimarad M, Shah J, Shinu P, **Nair AB**. Advances in Nanocarrier Systems for Overcoming Formulation Challenges of Curcumin: Current Insights. *Nanomaterials*. 2024; 14(8):672. <https://doi.org/10.3390/nano14080672>
3. Gandhi S, Shastri DH, Shah J, **Nair AB**, Jacob S. Nasal Delivery to the Brain: Harnessing Nanoparticles for Effective Drug Transport. *Pharmaceutics*. 2024; 16(4):481. <https://doi.org/10.3390/pharmaceutics16040481>
4. Alfehaid FS, **Nair AB**, Shah H, Aldhubiab B, Shah J, Mewada V, Jacob S, Attimarad M. Enhanced transdermal delivery of apremilast loaded ethosomes: Optimization, characterization and in vivo evaluation. *Journal of Drug Delivery Science and Technology*. 2024; 91:105211. <https://doi.org/10.1016/j.jddst.2023.105211>
5. Jacob S, Boddu SHS, Bhandare R, Ahmad SS, **Nair AB**. Orodispersible Films: Current Innovations and Emerging Trends. *Pharmaceutics*. 2023; 15(12):2753. <https://doi.org/10.3390/pharmaceutics15122753>
6. AlMulhim FM, **Nair AB**, Aldhubiab B, Shah H, Shah J, Mewada V, Sreeharsha N, Jacob S. Design, Development, Evaluation, and In Vivo Performance of Buccal Films Embedded with Paliperidone-Loaded Nanostructured Lipid Carriers. *Pharmaceutics*. 2023; 15(11):2530. <https://doi.org/10.3390/pharmaceutics15112530>
7. **Nair AB**, Aldhubiab B, Shah J, Jacob S, Attimarad M, Sreeharsha N, Venugopala KN, Joseph A, Morsy MA. Design, Development, and Evaluation of Constant Voltage Iontophoresis for the Transungual Delivery of Efinaconazole. *Pharmaceutics*. 2023; 15(5):1422. <https://doi.org/10.3390/pharmaceutics15051422>
8. Alissa I, **Nair AB**, Aldhubiab B, Shah H, Shah J, Mewada V, Almuqbil RM, Jacob S. Design, Development, and Evaluation of Treprostinil Embedded Adhesive Transdermal Patch. *Pharmaceutics*. 2023; 15(4):1226. <https://doi.org/10.3390/pharmaceutics15041226>
9. **Nair AB**, Chaudhary S, Jacob S, Patel D, et al. Intranasal Administration of Dolutegravir-Loaded Nanoemulsion-Based In Situ Gel for Enhanced Bioavailability and Direct Brain Targeting. *Gels*. 2023 Feb 3;9(2):130. <https://doi.org/10.3390/gels9020130>
10. Shah PJ, Patel MP, Shah J, **Nair AB**, Kotta S, Vyas B. Amalgamation of solid dispersion and melt adsorption techniques for augmentation of oral bioavailability of novel anticoagulant rivaroxaban. *Drug Delivery and Translational Research*. 2022 Dec;12(12):3029-46. <https://doi.org/10.1007/s13346-022-01168-9>
11. **Nair AB**, Dalal P, Kadian V, Kumar S, Kapoor A, Garg M, Rao R, Aldhubiab B, Sreeharsha N, Almuqbil RM, Attimarad M, Elsewedy HS, Shinu P. Formulation, Characterization, Anti-Inflammatory and Cytotoxicity Study of Sesamol-Laden Nanosponges. *Nanomaterials*. 2022; 12(23):4211. <https://doi.org/10.3390/nano12234211>
12. **Nair AB**, Gorain B, Pandey M, Jacob S, Shinu P, Aldhubiab B, Almuqbil RM, Elsewedy HS, Morsy MA. Tocotrienol in the Treatment of Topical Wounds: Recent Updates. *Pharmaceutics*. 2022; 14(11):2479. <https://doi.org/10.3390/pharmaceutics14112479>
13. Durgapal S, Goswami L, **Nair AB**, Verma A, Juyal V. Enhanced anti-cataract effect of microemulsion containing *Cineraria maritima*: Formulation, optimization and in vivo evaluation. *Journal of Drug Delivery Science and Technology*. 2022:103872. <https://doi.org/10.1016/j.jddst.2022.103872>
14. Almuqbil RM, Sreeharsha N, **Nair AB**. Formulation-by-Design of Efinaconazole Spanlastic Nanovesicles for Transungual Delivery Using Statistical Risk Management and Multivariate Analytical Techniques. *Pharmaceutics*. 2022; 14(7):1419. <https://doi.org/10.3390/pharmaceutics14071419>

Presentations and Abstracts	<ol style="list-style-type: none"> 1. Nair AB. Drug delivery approaches in buccal therapy. International conference on quality measures in health professional education. Ajman, UAE (2022). 2. Nair AB, Al-Dhubiab BE, Alhumam R.N. Selective targeting of thymoquinone loaded liposome contain N-lactosyl-dioleoylphosphatidylethanolamine improved hepatocellular carcinoma. National conference (online), Dehradun, India (2021). 3. Al-Dhubiab BE, Harsh S, Nair AB, Novel preparation and effective delivery of mucoadhesive nanoparticles containing vildagliptin. National conference (online), Dehradun, India (2021). 4. Nair AB, Al-Dhubiab BE, Shah J. Selective targeting of thymoquinone loaded liposome contain N-lactosyl-dioleoylphosphatidylethanolamine improved hepatocellular carcinoma. 27th International Molecular Medicine Tri-Conference, San Francisco, USA (2020). 5. Nair AB. Writing research paper for Scopus Journals. IIIP conference, Chennai, India (2020). 6. Nair AB, Al-Dhubiab BE, Shah J. Targeting of gemcitabine nano-carriers in hepatocellular carcinoma by parenteral delivery. Annual PDA meeting, San Diego, USA (2019). 7. Nair AB, Al-Dhubiab BE. In vitro evaluation of mucoadhesive buccal films of palonosetron. SFDA Annual Conference, Riyadh, Saudi Arabia (2018).
Memberships	<ul style="list-style-type: none"> ➤ American Association of Pharmaceutical Scientists (AAPS) ➤ AAPS Microdialysis Focus Group ➤ AAPS Dermatopharmaceutics Focus Group ➤ Transdermal Drug delivery networking ➤ Controlled Release Society ➤ Ole Miss-Pharmaceutics ➤ Registered Pharmacist, India.
Workshops / Seminars attended	<ul style="list-style-type: none"> ➤ Workshop on Aligning your research with supplementary Tools: Endnote, Mendley, Adobe illustrator held on November 08-09, 2022 ➤ Workshop on Employing learning outcomes in Community Engagement held on October 09-10, 2022 ➤ Workshop on Case study based Teaching and assessment-Teaching and learning series held on March 08-09, 2022 ➤ Training program on Data analysis Techniques for publishing in high impact factor journals held on March 22, 2021 ➤ Training program on The return of community engagement to institutions and society held on November 17, 2021 ➤ Training program on Faculty members role in community engagement system held on March 03, 2021