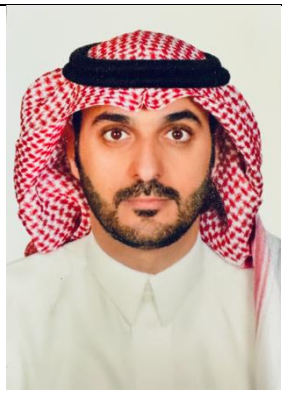
Name	**Dr. Rashed Mohammed Almuqbil**
Specialization	Pharmaceutical Sciences – Pharmaceutics
Current Position	Assistant Professor
Contact email (Official)	- Ralmuqbil@Kfu.edu.sa
Alternate email	**Phone :0555848141**



Academic Qualifications	**Degree/year/university/country**	PhD, Pharmaceutical Sciences from School of Pharmacy, Virginia Commonwealth University (2021).
	Degree/year/university/country	PharmD Clinical Pharmacy degree from King Faisal University (2011).
Teaching Experience	-Assistant Professor in the College of Clinical Pharmacy, King Faisal University. September 2021- teaching classes (Fundamental of Pharmaceutics, Pharmaceutical Dosage Forms, Advanced Pharmacokinetics, and Scientific Writing). -Doctoral Student and Teaching Assistant from the Pharmaceutics and Biopharmaceutics class, Department of Pharmaceutics, School of Pharmacy, Virginia Commonwealth University, Richmond, VA, USA August 2018-December 2018. -Teaching Assistant in the Department of Pharmaceutical Sciences, College of Clinical Pharmacy, King Faisal University, Al-Ahsa, Kingdom of Saudi Arabia. February 2012-April 2014.	
Courses Taught and Teaching in KFU	➢ Fundamental of Pharmaceutics, Pharmaceutical Dosage Forms, Advanced Pharmacokinetics, Scientific Writing.	
Research Interests	1. *In vitro*, *in vivo*, *ex vivo*, and *in silico* Cancer Research and other diseases utilizing different Drug Delivery Systems for optimization of their therapy, dosage forms, Nano Formulation, Pharmaceutics, Pharmacokinetics, and Pharmacodynamics.	
Research Grants Received	1. Vice-Presidency for Graduate Studies and Scientific Research, King Faisal University, Saudi Arabia (Project No.8). 2. Vice-Presidency for Graduate Studies and Scientific Research, King Faisal University, Saudi Arabia (Project No.44).	

Publications

- Nagaraja Sreeharsha, Sandhyanjali Cherukuri, Nimbagal Raghavendra Naveen, Prakash Goudanavar, Santosh Fattepur, Bandar Aldhubiab, **Rashed M. Almuqbil**, Anroop B Nair, Nasal Administration of Dolutegravir Loaded Nanoparticles Based Mucoadhesive in situ Gel: Design and in vivo Assessment, Published in Indian Journal of Pharmaceutical Education and Research, April 2024.
- **Rashed M. Almuqbil,** Brucine Entrapped Titanium Oxide Nanoparticle for Anticancer Treatment: An *In Vitro* Study, Published in Advances in Pharmacological and Pharmaceutical Sciences, March 2024.
- Ibrahim Alissa, Anroop B Nair, Bandar Aldhubiab, Hiral Shah, Jigar Shah, Vivek Mewada, **Rashed M Almuqbil**, Shery Jacob, Design, Development, and Evaluation of Treprostinil Embedded Adhesive Transdermal Patch, Published in Pharmaceutics MDPI, April 2023.
- Fatemah S Sunbul, Sulaiman S Alhudaithi, **Rashed M Almuqbil**, Hanming Zhang, Raneem R Aldaqqa, Shane Albin, Rebecca L Heise, Valentina Robila, Matthew S Halquist, Sarah W Gordon, Paula D Bos, Sandro R da Rocha, Remodeling the microenvironment of osteosarcoma lung metastases with inhaled CSF- 1Ri immunotherapy, Cancer Research, American Association of Cancer Research, April 2023.
- Ahmed S Alnaim, Hiral Shah, Anroop B Nair, Vivek Mewada, Smit Patel, Shery Jacob, Bandar Aldhubiab, Mohamed A Morsy, **Rashed M Almuqbil**, Pottathil Shinu, Jigar Shah, Qbd-Based Approach to Optimize Niosomal Gel of Levosulpiride for Transdermal Drug Delivery, Published in Gels MDPI, March 2023.
- Anroop B Nair, Pooja Dalal, Varsha Kadian, Sunil Kumar, Minakshi Garg, Rekha Rao, **Rashed M Almuqbil**, Ahmed S Alnaim, Bandar Aldhubiab, Fatemah Alqattan, Formulation Strategies for Enhancing Pharmaceutical and Nutraceutical Potential of Sesamol: A Natural Phenolic Bioactive, Published in Plants MDPI, March 2023.
- Anroop B Nair, Sunita Chaudhary, Shery Jacob, Dhwani Patel, Pottathil Shinu, Hiral Shah, Ankit Chaudhary, Bandar Aldhubiab, **Rashed M Almuqbil**, Ahmed S Alnaim, Fatemah Alqattan, Jigar Shah, Intranasal Administration of Dolutegravir-Loaded Nanoemulsion-Based In Situ Gel for Enhanced Bioavailability and Direct Brain Targeting, Published in Gels MDPI, February 2023.
- **Rashed M Almuqbil**, Assessment of Mucoadhesion Potential of Thiolated Pectin Extracted from Citrus limon, Indian Journal of Pharmaceutical Education and Research, January 2023.
- Anroop B Nair, Pooja Dalal, Varsha Kadian, Sunil Kumar, Archana Kapoor, Minakshi Garg, Rekha Rao, Bandar Aldhubiab, Nagaraja Sreeharsha, **Rashed M Almuqbil**, Mahesh Attimarad, Heba S Elsewedy, Pottathil Shinu, Formulation, Characterization, Anti-Inflammatory and Cytotoxicity Study of Sesamol Laden Nanosponges, Published in nanomaterials, MDPI, October 2022.

- Anroop B. Nair, Bandar Aldhubiab, Bapi Gorain, Manisha Pandey, Shery Jacob, Pottathil Shinu, **Rashed M. Almuqbil**, Heba S. Elsewedy and Mohamed A. Morsy, Tocotrienol in the Treatment of Topical Wounds: Recent Updates, Published in Pharmaceutics, MDPI, November 2022. Anroop B. Nair, Pooja Dalal, Varsha Kadian, Sunil Kumar, Archana Kapoor, Minakshi Garg, Rekha Rao, Bandar Aldhubiab, Nagaraja Sreeharsha, **Rashed M. Almuqbil**, Mahesh Attimarad, Heba S. Elsewedy and Pottathil Shinu, Formulation, Characterization, Anti-Inflammatory and Cytotoxicity Study of Sesamol-Laden Nanosponges, Published in Nanomaterials, MDPI, July 2022.
- Shaima Alaithan, Nimbagal Raghavendra Naveen, Prakash S. Goudanavar, Penmetsa Durga Bhavani, Beveenahalli Ramesh, Naga Prashant Koppuravuri, Santosh Fattepur, Nagaraja Sreeharsha, Anroop B. Nair, Bandar E. Aldhubiab, Pottathil Shinu and **Rashed M. Almuqbil,** Development of Novel Unfolding Film System of Itopride Hydrochloride Using Box-Behnken Design—A Gastro Retentive Approach, Published in Pharmaceuticals, MDPI, August 2022.
- **Rashed M. Almuqbil**, Nagraga Sreeharsha, Anroop B. Nair, Formulation-by-Design of Efinaconazole Spanlastic Nanovesicles for Transungual Delivery Using Statistical Risk Management and Multivariate Analytical Techniques, Published in Pharmaceutics, MDPI, July 2022.

Presentations And abstracts

- **Rashed M. Almuqbil,** Pharmacomicrobiomics; Study The Effects Of Gut Microbiota Variations On Pharmacokinetics & Pharmacodynamics Of Drugs, KSAPT 2024.
- **Rashed M. Almuqbil**, Rodrigo S. Heyder, Elizabeth R. Bielski, Mikhail Durymanov, Joshua J. Reineke, and Sandro R. P. da Rocha, Dendrimer Conjugation Enhances Tumor Penetration and Efficacy of Doxorubicin in Extracellular Matrix-Expressing 3D Lung Cancer Models, Published in Journal of Molecular Pharmaceutics, American Chemical Society, March 2020.
- **Rashed M. Almuqbil**, Rodrigo S. Heyder, Elizabeth R. Bielski, Mikhail Durymanov, Joshua J. Reineke, and Sandro R. P. da Rocha. Dendrimer conjugation as a strategy to enhance tumor penetration and efficacy of doxorubicin for the treatment of lung cancer. Respiratory Drug Delivery Annual Meeting, RDD 2020, Palm Desert, CA, shifted to online, April 2020.
- Sulaiman S. Alhudaithi**, Rashed M. Almuqbil**, Hanming. Zhang, Wei Du, Fatemah S. Sunbul, Paula D. Bos, Sandro. R. da Rocha. Locally Administered Immunotherapy Combined with Standard of Care Chemotherapy for Treatment of Lung Tumors. Respiratory Drug Delivery Annual Meeting, RDD 2020, Palm Desert, CA, April 2020.
- **Rashed M. Almuqbil**, Rodrigo S. Heyder, Elizabeth R. Bielski, Mikhail Durymanov, Joshua J. Reineke, and Sandro R. P. da Rocha. Dendrimer Conjugation Enhances Tumor Penetration and Cell Kill of Doxorubicin in 3D Coculture Lung Cancer Models. 23rd Annual Graduate Research Symposium, Virginia Commonwealth University, April 2020.

- **Rashed M. Almuqbil**, Rodrigo S. Heyder, Elizabeth R. Bielski, Mikhail Durymanov, Joshua J. Reineke, and Sandro R. P. da Rocha. Dendrimer Conjugation Enhances Tumor Penetration and Cell Kill of Doxorubicin in 3D Coculture Lung Cancer Models. Cancer Research Retreat, Massey Cancer Center, Richmond, VA, June 2019.
- **Rashed M. Almuqbil**, Rodrigo S. Heyder, Elizabeth R. Bielski, Mikhail Durymanov, Joshua J. Reineke, and Sandro R. P. da Rocha. Dendrimer Conjugation Enhances Tumor Penetration and Cell Kill of Doxorubicin in 3D Coculture Lung Cancer Models. 16th International Nanomedicine & Drug Delivery Symposium, September 2018.

Workshops / Seminars attended

- Knowledge, Skills, and Abilities in Pharmacy and Toxicology (KSAPT), April 2024.
- Parenteral Drug Association, March 2024.
- Student Mental Health Conference According to Saudi Vision 2030, October 2022.