

Name	Dr. Nouf Saleh Alwadei		
Specialization	Pharmaceutical Sciences		
Current Position	Assistant Professor		
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Academic Qualifications	Degree/year/univ erty/country	Doctor of Philosophy in Pharmaceutical Sciences, 2023, from Chapman University (Irvine CA, USA).	
	Degree/year/univ erty/country	Master of Science in Pharmaceutical Sciences, 2018, from Chapman University (Irvine CA, USA).	
Teaching Experience	2023-Present: Assistant Professor at the College of Clinical Pharmacy, King Faisal University, KSA.		
	2019-2022: Teaching Assistant at the School of Pharmacy, Chapman University, USA.		
	2013-2015: Teaching Assistant at the College of Clinical Pharmacy, King Faisal University, KSA.		
Courses Taught and Teaching in KFU	<ul style="list-style-type: none"> - Physical Pharmacy - Fundamentals of Pharmaceutics - Pharmaceutical Dosage form - Microbiology 		
Research Interests	<ul style="list-style-type: none"> - The role of Cytochrome P450 in liver diseases. The focus has been on the reduction of rejection in liver transplantation and attenuation of cold and warm ischemia-reperfusion (IR) injury. - Developing and utilizing advanced drug delivery systems for treating various diseases. - Nanomedicine for targeting the Tumor Microenvironment in cancer therapy. 		
Publications	<p>Alwadei N, Rashid M, Chandrashekar DV, Rahighi S, Totonchy J, Sharma A, Mehvar R. Generation and Characterization of CYP2E1-Overexpressing HepG2 Cells to Study the Role of CYP2E1 in Hepatic Hypoxia-Reoxygenation Injury. Int J Mol Sci. 2023 May 1;24(9):8121. doi: 10.3390/ijms24098121. PMID: 37175827; PMCID: PMC10179595.</p>		

Alwadei N, Rashid M, Chandrashekar DV, Rahighi S, Totonchy J, Sharma A, Mehvar R. The role of CYP2E1 in liver ischemia-reperfusion (IR) injury. The annual meeting of Saudi International Pharmaceutical Sciences (22-24 Jan. 2024). Riyadh, KSA.

Nouf Alwadei, Laboratory practices and use of laboratory equipment track-Western blot training course (presenter) at human resources development management in KFU, KSA (6th Dec. 2023).

Nouf Alwadei, Laboratory practices and use of laboratory equipment track-Polymerase Chain Reaction (PCR) training course (presenter) at human resources development management in KFU, KSA (6th-7th Dec. 2023).

**Presentations
And abstracts**

N. Alwadei, S. Rahighi, A. Sharma, and R. Mehvar. Generation and characterization of CYP2E1-overexpressed HepG2 cells. 13th International meeting of the International Society for the Study of Xenobiotic (ISSX) held on Sep. 11-14, 2022. Seattle, WA, USA.

N. Alwadei, S. Rahighi, A. Sharma, and R. Mehvar. Generation and characterization of CYP2E1-overexpressed HepG2 cells. Research Day at the School of Pharmacy, Chapman University (21st May 2022). Irvine CA, USA.

Nouf S. Alwadei, Chunmei Cheng, Yang Liu. Co-delivery Nanoparticles for Combination Therapy of Prostate Cancer. Research Day at the School of Pharmacy, Chapman University (25th May 2018). Irvine CA, USA.

Nouf S. Alwadei, Chunmei Cheng, Yang Liu. Combination Therapy for Targeting Prostate Cancer. Research Day at the School of Pharmacy, Chapman University (25th May 2017). Irvine CA, USA.

Memberships

- American Association of Pharmaceutical Scientists (AAPS).
- International Society for the Study of Xenobiotic (ISSX).
- Rho Chi, International honor society for pharmaceutical sciences (Awarded in 2021).
- Saudi Pharmaceutical Society (SPS).

**Workshops /
Seminars attended**

- Sustainability: Incorporating Its Concepts into Your Teaching offered by KFU, KSA.
- Search the Access Pharmacy and Access Surgery databases offered by KFU, KSA.
- Pharmacology-Drug Delivery course offered by Harvard Medical School, USA.
- PyMOL, a computational drug design workshop offered by Schrödinger, Inc, USA.
- Pharmacokinetics and Pharmacodynamics course offered by NIH, USA.
- Principles of Clinical Pharmacology course offered by NIH, USA.
- Statistical Package for the Social Sciences (SPSS) workshop at KFU, KSA.