

Faculty Portfolio

Dr. Ali Alamri

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Education:

Year of Graduation	Qualifications (Specializations if any)	University/College, Country
2021	PhD in Pharmaceutics	University of Birmingham, Birmingham, United Kingdom
2016	Master of Science in Pharmaceutics	MCPHS University, Massachusetts, United States.
2009	B.Sc. in Pharmaceutical Sciences	College of Pharmacy, King Khalid University, Abha, KSA

Professional experience:

Year	Positions	University/College, Country
2021	Assistant Professor	Department of Pharmaceutics, College of Pharmacy, King Khalid University, Abha, KSA
2016	Lecturer	Department of Pharmaceutics, College of Pharmacy, King Khalid University, Abha, KSA
2009	Teaching Assistant	Department of Pharmaceutics, College of Pharmacy, King Khalid University, Abha, KSA

Community service activities:

Year	Positions & Name of the Project	University/Company, Country
2023	Present a lecture about how to build your professional CVs"	KKU
2022	Participate in Academic initiative: Together to achieve your dream	KKU
2023	Mobadron: As a moderator	KKU
2023	Mobadron: present a webinar about Using cosmetic product safely	KKU
2022	Public awareness campaign on "Your medication, we care about it"	KKU

Academic/research awards:

Year/Duration of Award	Name of the Award	University/Company, Country
2023	2 nd best faculty members	College of Pharmacy, King Khalid University, Abha, KSA
2020	Certificate of Best Presentation Award	The World Academy of Science, Engineering and Technology
2017-2021	Full scholarship from King Khalid University to pursue a PhD degree in Pharmaceutics	University of Birmingham, Birmingham, United Kingdom
2013-2016	Full scholarship from King Khalid University to pursue a Master's degree in Pharmaceutics	MCPHS University, Massachusetts, United States.

Workshops/ Trainings:

Year	Title	University/Company, Country
2022	E-learning Partitioner	KKU
2022	Quality Metrics in the GMP Environment: Why and How course.	Qualistry
2022	Smart Quality: The New Paradigm course.	Qualistry
2023	Program and Course Specification Workshop	KUU Quality and accreditation center

2023	Interprofessional Education and Collaborative Practice (IPECP) Workshop	Saudi Society for medical education
2023	intellectual Property and Patent Registration Workshop	KKU
2023	Developing teaching and assessment methods	KKU
2023	the Big Restructure- System Risk Assessment & The Benefits in Application	Qualistry

Research Interests:

- Drug delivery
- Drug formulation and developments,
- Nanomedicine (Polymers Nanoparticles, Liposomes, Solid Lipid Nanoparticles etc),
- Cancer Drug Delivery,
- Brain Delivery.

Teaching experience:

- **PharmD program courses;**
 - **Pharmaceutics I** (PHT-320)
 - **Pharmaceutics II** (PHT-323)
 - **Physical Pharmacy** (PHT 222)
 - **Modern Pharmaceutical Technology** (PHT 510)
- **Master program courses**
 - **Cosmetic formulation I** (PCH-821)
 - **Cosmetic formulation II** (PCH-831)
 - **Social and Administration Aspect of Pharmacy II** (CPH 830)
- **BPharm program course**
 - **Dispensing** (PHT- 431)
 - **Solid Dosage Form** (PHT-202)

Research grants:

Year/Duration of Grant	Title of the Project	Awarding Body
2022/ 1 year	Fabrication, Optimization And Evaluation Of Nanotechnology Based Phytopharmaceuticals For Cancer Management	King Khalid University, Deanship Of Scientific Research
2023/1 year	Development and evaluation of novel drug delivery systems for targeting various tumors	King Khalid University, Deanship Of Scientific Research

Publications:

SN	Research Title	Journal	Year of Publication
1	Acute Respiratory Distress Syndrome and COVID-19: A Literature Review	Journal of Inflammation Research	2021
2	Preparation of soluble complex of curcumin for the potential antagonistic effects on human colorectal adenocarcinoma cells	pharmaceuticals	2021
3	Assessment of knowledge and practice of mammography and breast self-examination among the general female population in Asir region of KSA	European review for medical and pharmacological sciences	2021
4	Comparing heart risk scores to identify the most important risk factors for cardiovascular diseases	European review for medical and pharmacological sciences	2021
5	Superfast Synthesis of Stabilized Silver Nanoparticles Using Aqueous Allium sativum (Garlic) Extract and Isoniazid Hydrazide Conjugates: Molecular Docking and In-Vitro Characterizations	Molecules	2021
6	The Unique Carboxymethyl Fenugreek Gum Gel Loaded Itraconazole Self-Emulsifying Nanovesicles for Topical Onychomycosis Treatment	Polymers	2022
7	Polymeric nanoparticles for the treatment of malignant gliomas	Cancers	2020
8	Preparation of Acyclovir Controlled-Release Tablets Using Blend of Hydrophilic/Hydrophobic Polymers: an Approach for Better Patient Compliance	Latin american journal of pharmacy	2022
9	Development and Characterization of Oral Raft Forming In Situ Gelling System of Neratinib Anticancer Drug Using 32 Factorial Design	Polymers	2022
10	In Vitro Physical Characterizations and Docking Studies on Carvedilol Nanocrystals	Crystals	2022
11	Anti-Proliferative Potential of Quercetin Loaded Polymeric Mixed Micelles on Rat C6 and Human U87MG Glioma Cells	Pharmaceutics	2022
12	Efficacy of Various Types of Berries Extract for the Synthesis of ZnO Nanocomposites and Exploring Their Antimicrobial Potential for Use in Herbal Medicines	BioMed Research International	2022
13	Rapid oral transmucosal delivery of zaleplon-lavender oil utilizing self-nanoemulsifying lyophilized tablets technology: development, optimization and pharmacokinetic evaluation	Drug Delivery	2022
14	Fabrication, In Vitro, and In Vivo Assessment of Eucalyptol-Loaded Nanoemulgel as a Novel Paradigm for Wound Healing	Pharmaceutics	2022
15	Novel Drug Delivery Systems as an Emerging Platform for Stomach Cancer Therapy	Pharmaceutics (review)	2022
16	Enhancing drugs bioavailability using nanomedicine approach: Predicting solubility of Tolmetin in supercritical solvent via advanced computational techniques	Journal of Molecular Liquids	2022
17	Solubility enhancement of decitabine as anticancer drug via green chemistry solvent: Novel computational prediction and optimization	Arabian Journal of Chemistry	2022
18	Potential effects of noni (Morinda citrifolia L.) fruits extract against obsessive-compulsive disorder in marble burying and nestlet shredding behavior mice models	Frontiers in Pharmacology	2022
19	Baicalein prevents stress-induced anxiety behaviors in zebrafish model	Frontiers in Pharmacology	2022
20	Carvedilol Precipitation Inhibition by the Incorporation of Polymeric Precipitation Inhibitors Using a Stable Amorphous Solid Dispersion Approach: Formulation, Characterization, and In Vitro In Vivo Evaluation	Polymers	2022
21	Development and Evaluation of Solid Lipid Nanoparticles for the Clearance of A β in Human Neuroblastoma Cells and Rat Hippocampus	Pharmaceutics	2022
22	Green Synthesis, Characterizations of Zinc Oxide Nanoparticles from Aqueous Leaf Extract of Tridax procumbens Linn. and Assessment of	Materials	2022

	Their Anti- Hyperglycemic Activity in Diabetic Rats Induced by Streptozotocin		
23	Evaluating the Effects of Hypotensive Drug Valsartan on Angiogenesis and Associated Breast Ductal Carcinoma Cell Metastasis	International journal of pharmacology	2022
24	Development and Evaluation of Solid Lipid Nanoparticles for the Clearance of A β in Alzheimer's Disease	Pharmaceutics	2023
25	Co-delivery of amphotericin B and pentamidine loaded niosomal gel for the treatment of Cutaneous leishmaniasis	Drug delivery	2022
26	Solubility enhancement of decitabine as anticancer drug via green chemistry solvent: Novel computational prediction and optimization	Arabian Journal of Chemistry	2022
27	Novel Drug Delivery Systems as an Emerging Platform for Stomach Cancer Therapy	Pharmaceutics (review)	2022
28	Enhancing plant-derived smart nano inhibitor in targeting mammalian target of rapamycin (mTOR) in breast cancer using Curcuma longa-derived compound curcumin	Environmental Science and Pollution Research	2023
29	Polymeric nanoparticles for the treatment of malignant gliomas	Cancers	2020
30	Design, Physical Characterizations, and Biocompatibility of Cationic Solid Lipid Nanoparticles in HCT-116 and 16-HBE Cells: A Preliminary Study	Molecules	2023
31	A detailed insight of the tumor targeting using nanocarrier drug delivery system	Drug delivery	2023
32	Formulation Development and In Vitro - In Vivo Characterization of Topical Carbopol Based Aqua Gel Containing Calotropis gigantea as Wound Dressing	Latin american journal of pharmacy	2022
33	Development and Evaluation of Solid Lipid Nanoparticles for the Clearance of A β in Human Neuroblastoma Cells and Rat Hippocampus	Pharmaceutics	2023
34	Lipid polymer hybrid nanoparticles of doxorubicin: formulation development and its in-vitro, in-vivo and computational evaluation	Frontiers in Pharmacology	2023
35	Macrophages M2 polarization is involved in lapatinib-mediated chemopreventive effects in the lung cancer	Biomedicine & pharmacotherapy	2023
36	Novel Rhinological Application of Polylactic Acid—An In Vitro Study	Polymers	2023
37	Biodegradable Polymeric Pharmaceutical Nanoemulgel Coloaded with Eucalyptol-Lornoxicam: Fabrication and Characterizations for Possible Better Pain Management	Biomed Research International	2023
38	Metformin HCl-loaded transethosomal gel; development, characterization, and antidiabetic potential evaluation in the diabetes-induced rat model	Drug delivery	2022
39	Melatonin delivered in solid lipid nanoparticles ameliorated its neuroprotective effects in cerebral ischemia	Heliyon	2023

Conference attendance/presentations:

- Participate with a scientific poster at the American Association of Pharmaceutical Scientists Meeting and Exposition in Orlando, FL in the United States, 2015.
- Attended the 22nd International Conference on Nanopharmaceuticals and Drug Delivery, Paris, France, 2020.
- Attended the 25th International Conference and Exhibition on Pharmaceutical Formulations, Paris, France, 2022.