



# FACULTY FULL NAME: Mansour Saleh Alturki

POSITION: Chair-Pharmaceutical Chemistry Department, Assistant Professor

## Personal Data

Nationality | Saudi

Date of Birth | 04/04/1985

Department | Pharmaceutical Chemistry

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## Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2021	PhD, Pharmaceutical Sciences-Medicinal Chemistry	United States of America	Harrison College of Pharmacy, Auburn University, AL 36830
2016	M.Sc., Pharmaceutical Sciences-Medicinal Chemistry	United States of America	Harrison College of Pharmacy, Auburn University, AL 36830
2012	Doctor of Pharmacy (Pharm.D.)	Kingdom of Saudi Arabia	College of Clinical Pharmacy, King Faisal University
2006	High Diploma in Pharmacy	Kingdom of Saudi Arabia	Health Sciences College, Alahsa

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)



PhD	Molecular modeling, design, and synthesis of some potential selective DNA minor groove alkylators
Master	LC-MS based characterization of Mycobacterium tuberculosis shikimate kinase inhibitors containing oxadiazole-amide and aminobenzothiazole rings

### Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant professor	Imam Abdulrahman Bin Faisal University, Saudi Arabia	2022-present
Lecturer	Imam Abdulrahman Bin Faisal University, Saudi Arabia	2017-2022
Teaching Assistant	Imam Abdulrahman Bin Faisal University, Saudi Arabia	2013-2017
Clinical Pharmacist	King Fahad Hospital, Saudi Arabia	2012-2013
Pharmacy Technician	Al Jabr Eye and ENT Hospital, Saudi Arabia	2007-2012
Pharmacy Technician	Dar Albida Primary Health Care Center, Saudi Arabia	2006-2007

### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head-Pharmaceutical Chemistry Department	College of Clinical Pharmacy, Imam Abdulrahman Bin Faisal University, KSA	Aug 2023- Present
Head-Examination Facilitation Committee	College of Clinical Pharmacy, Imam Abdulrahman Bin Faisal University, KSA	Feb 2023- Present
Member-Curriculum Committee	College of Clinical Pharmacy, Imam Abdulrahman Bin Faisal University, KSA	Jan 2023- Present
Member-Lab Committee	College of Clinical Pharmacy, Imam Abdulrahman Bin Faisal University, KSA	Jan 2023- Present
Vice President and Chair-Elect	American Association of Pharmaceutical Scientists, Auburn University Student Chapter, USA	May 2017-Jan 2018
Press & Media Relations Officer	Saudi Club, Auburn University, USA	Aug 2016 - Aug 2017



Social and Member Service Officer	Alahsa Pharmacy Club, Saudi Pharmaceutical Society, KSA	Dec 2012 - May 2014
Supervisor at Emergency Pharmacy	King Fahad Hospital, KSA	Jan2013 - June 2013
Member of the Clinical Pharmacy Committee	Clinical Pharmacy Practice Development, Ministry of Health Hospitals, KSA	Jan2013 - June 2013
Member in Pharmacy Preparation and Development Joint Commission International Accreditation (JCI) in Ministry of Health, KSA	King Fahad Hospital, KSA	Jan2013 - June 2013
Member of Organizing Committee	The Optimal Use of Medication Symposium 2011, KSA	2011

### Scientific Achievements

#### Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Kashif Rahim, Muhammad Shan, Ihtisham Ul Haq, Muhammad Naveed Nawaz, Sajida Maryam, <b>Mansour S Alturki</b> , Abdulaziz H Al Khzem, Kamel Metwally, Simona Cavalu, Saleh F Alqifari, Galal Yahya	Revolutionizing Treatment Strategies for Autoimmune and Inflammatory Disorders: The Impact of Dipeptidyl-Peptidase 4 Inhibitors	Journal of Inflammation Research, 2024
2	Mohamed Gomaa, Wael Gad, Dania Hussein, Faheem Hyder Pottoo, Nada Tawfeeq, <b>Mansour Alturki</b> , Dhay Alfahad, Razan Alanazi, Ismail Salama, Mostafa Aziz, Aboelnasr Zahra, Abeer Hanafy	Sulfadiazine Exerts Potential Anticancer Effect in HepG2 and MCF7 Cells by Inhibiting TNF $\alpha$ , IL1b, COX-1, COX-2, 5-LOX Gene Expression: Evidence from In Vitro and Computational Studies	Pharmaceuticals, 2024
3	Saleh I. Alaqel, Omeima Abdullah, Adnan Alharbi, Yusuf S. Althobaiti,	Application of a nucleophilic substitution reaction for spectrofluorimetric determination of	Spectrochimica Acta Part A: Molecular and



	<b>Mansour S. Alturki</b> , Sherif Ramzy, Ahmed A. Almrazy, Atiah H. Almalki	aripiprazole in pharmaceutical dosage form and plasma matrix; greenness assessment	Biomolecular Spectroscopy, 2023
4	Kamel Metwally, Nader E Abo-Dya, Ahmed ME Hamdan, Maram N Alrashidi, <b>Mansour S Alturki</b> , Omar M Aly, Aimen Aljoundi, Mahmoud Ibrahim, Mahmoud ES Soliman	Investigation of Simultaneous and Sequential Cooperative Homotropic Inhibitor Binding to the Catalytic Chamber of SARS-CoV-2 RNA-dependent RNA Polymerase (RdRp)	Cell Biochemistry and Biophysics, 2023
5	Saleh I Alaqel, Omeima Abdullah, Adnan Alharbi, Yusuf S Althobaiti, <b>Mansour S Alturki</b> , Sherif Ramzy, Atiah H Almalki	Guava-fruit based synthesis of carbon quantum dots for spectrofluorometric quantitative analysis of risperidone	RSC Advances, 2023
6	S Karpagam Kumara Sundari, <b>Mansour Alturki</b> , Ian Steinke, Jack Deruiter, Sindhu Ramesh, Manoj Y Govindarajulu, Mohammed Almaghrabi, Suhrud Pathak, A Mohamed Rassa, KAS Mohamed Shafeeq, Payton Lowery, Rishi M Nadar, R Jayachandra Babu, Jun Ren, K Reeta Vijaya Rani, Forrest Smith, Timothy Moore, Muralikrishnan Dhanasekaran	Cardiovascular toxin-induced hyperglycemic and hypoarousal pathology-associated cognitive impairment: an in silico and in vivo validation	Cardiology Plus, 2022
7	Harneetpal Kaur, Kirandeep Kaur, Atamjit Singh, Neena Bedi, Balbir Singh, <b>Mansour S Alturki</b> , Mohammed F Aldawsari, Atiah H Almalki, Shafiul Haque, Hae-Jeung Lee, Dharmendra K Yadav, Saroj Arora	Frankincense oil-loaded nanoemulsion formulation of paclitaxel and erucin: A synergistic combination for ameliorating drug resistance in breast cancer: In vitro and in vivo study	Frontiers of Pharmacology, 2022
8	Satyanarayana Pondugula, Aisha Harshan, Sindhu Ramesh, Manoj Govindarajulu, Mohammed	Cardioprotective Effects of Oroxyllum indicum Extract Against Doxorubicin and Cyclophosphamide-Induced Cardiotoxicity	Cardiovascular Toxicology, 2022



	Almaghrabi, Mohammed Majrashi, Kodye Abbott, Julia Salamat, Rishi Nadar, <b>Mansour Alturki</b> , Forrest Smith, Muhammed Majeed, Kalyanam Nagabhushanam, Timothy Moore, Jun Ren, Muralikrishnan Dhanasekaran		
9	Mohammed Majrashi, <b>Mansour Alturki</b> , Sindhu Ramesh, Manoj Govindarajulu, Jack Schwartz, Mohammed Almaghrabi, Forrest Smith, Tony Thomas, Vishnu Suppiramaniam, Timothy Moore, Miranda Reed, Muralikrishnan Dhanasekaran	$\beta$ -hydroxybutyric acid attenuates oxidative stress and improves markers of mitochondrial function in the HT-22 hippocampal cell line	Journal of Integrative Neuroscience, 2021
10	K Reeta Vijayarani, Manoj Govindarajulu, Sindhu Ramesh, <b>Mansour Alturki</b> , Mohammed Majrashi, Ayaka Fujihashi, Mohammed Almaghrabi, N Kirubakaran, Jun Ren, R Jayachandra Babu, Forrest Smith, Timothy Moore, Muralikrishnan Dhanasekaran	Enhanced Bioavailability of Boswellic Acid by Piper longum: A Computational and Pharmacokinetic Validation for Possible Cardioprotective Benefits	Frontiers of Pharmacology, 2020
11	Johayra Simithy, Ngolui Rene Fuanta, <b>Mansour Alturki</b> , Judith V Hobrath, Amir E Wahba, Ivett Pina, Jnanendra Rath, Mark T Hamann, Jack DeRuitter, Douglas C Goodwin, Angela I Calderón	Slow-Binding Inhibition of Mycobacterium tuberculosis Shikimate Kinase by Manzamine Alkaloids	Biochemistry, 2018
12	<b>Mansour S Alturki</b> , Ngolui Rene Fuanta, Madison A Jarrard, Judith V Hobrath, Douglas C	A multifaceted approach to identify non-specific enzyme inhibition: Application to Mycobacterium tuberculosis shikimate kinase.	Bioorganic & Medicinal Chemistry Letters, 2017



	Goodwin, Thankhoe A Rants'o, Angela I Calderón		
13	Thankhoe A Rants'o, <b>Mansour Alturki</b> , Corey Levenson, Angela I Calderón	LC-MS-based Screening of East Indian Sandalwood Oil for Mycobacterium tuberculosis Shikimate Kinase and Plasmodium falciparum Thioredoxin Reductase Inhibitory Activities	Natural product communications, 2017
14	<b>Mansour Alturki</b> , Tahir M Khan	A Study Investigating the Level of Satisfaction With The Health Services Provided By the Pharmacist at ENT Hospital	Saudi Pharmaceutical Journal, 2012
15	Sangi S, <b>Al Turki M</b> , Al Otaibi G, Abdul Karim Al Hazoom M, Harsha S	Analysis and evaluation of prescriptions in Al-Ahsa (Saudi Arabia) Ars Pharmaceutica	Ars Pharmaceutica, 2012

#### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	<b>Mansour Saleh</b> Alturki, Khalid Nabil Aldossary, Abdulaziz Ali Halawi	In Silico Drug Repurposing Approach of Some FDA approved Drugs against EGFR T790M for Cancer Therapy.	Knowledge, Skills, And Abilities in Pharmacy and Toxicology Annual Meeting and Workshop, 21-23 April 2024
2	Raghad Alzahrani, Hanin Alghamdi, <b>Mansour Alturki</b> , Abdulaziz Alkhzem	In Silico Drug Repurposing Approach for Shikimate Kinase H. Pylori (HpSK) Using Some FDA-approved and Non-FDA Approved Drugs.	Knowledge, Skills, And Abilities in Pharmacy and Toxicology Annual Meeting and Workshop, 21-23 April 2024
3	Futun Mohammed Alshehri, Marwah Habib Alhamadah, <b>Mansour Saleh</b> <b>Alturki</b>	Targeting the Shikimate Kinase in Acinetobacter baumannii: Identifying Antibacterial Compounds through a Structure-Based Computational Approach.	Knowledge, Skills, And Abilities in Pharmacy and Toxicology Annual Meeting and Workshop, 21-23 April 2024
4	<b>Mansour Saleh</b> <b>Alturki</b> , Khalid Nabil Aldossary, Abdulaziz Ali Halawi	In Silico Drug Repurposing Approach of Some FDA approved Drugs against EGFR T790M for Cancer Therapy.	Saudi International Pharmaceutical Sciences, 22- 24 Jan. 2024



5	Raghad Alzahrani, Hanin Alghamdi, <b>Mansour Alturki</b> , Abdulaziz Alkhzem	In Silico Drug Repurposing Approach for Shikimate Kinase H. Pylori (HpSK) Using Some FDA-approved and Non-FDA Approved Drugs.	Saudi International Pharmaceutical Sciences, 22-24 Jan. 2024
6	Futun Mohammed Alshehri, Marwah Habib Alhamadah, <b>Mansour Saleh Alturki</b>	Targeting the Shikimate Kinase in Acinetobacter baumannii: Identifying Antibacterial Compounds through a Structure-Based Computational Approach.	Saudi International Pharmaceutical Sciences, 22-24 Jan. 2024
7	<b>Mansour S Alturki</b> , Forrest Smith	Utilization of Mix and Match Strategy to Generate DNA Minor Groove Alkylators to Treat Cancer	The Research Forum CHEM-IAU 12-13 Dec. 2023
8	Murtadha Alshaikh Jafar, Mohammad Alsamen, Mohamed Gomaa, <b>Mansour Alturki</b>	Targeting PAD4: Computational repurposing strategy of some FDA-approved drugs for the treatment of rheumatoid arthritis (RA)	International Conference on in silico Pharmacology, 2023
9	Murtadha Alshaikh Jafar, Mohammad Alsamen, Mohamed Gomaa, <b>Mansour Alturki</b>	Targeting PAD4: Computational repurposing strategy of some FDA-approved drugs for the treatment of rheumatoid arthritis (RA)	ICPRE Conference, 2023
10	<b>Mansour S Alturki</b> , Forrest Smith	Utilization of Mix and Match Strategy to Generate DNA Minor Groove Alkylators to Treat Cancer	Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT) 2023
11	<b>Mansour S Alturki</b> , Forrest Smith	Design and Synthesis of a Novel Sequence Selective DNA Minor Groove Alkylator against Cancer Disease	American Pharmaceutical Scientists National Conference, 2021
12	<b>Mansour S Alturki</b> , Forrest Smith	Design and Synthesis of a Novel Sequence Selective DNA Minor Groove Alkylator against Cancer Disease	American Chemical Society National Conference, 2021
13	<b>Mansour S Alturki</b> , Forrest Smith	Design and Synthesis of a Novel Sequence Selective DNA Minor Groove Alkylator against Cancer Disease	Drug Discovery Chemistry National Conference, 2021



14	<b>Mansour S Alturki,</b> Randall Clark, Jack Deruiter, Forrest Smith	Facile approach to polycyclic 3- unsubstituted tetrahydroisoquinolonic acid	American Chemical Society National Conference, 2019
15	<b>Mansour S Alturki,</b> Randall Clark, Jack Deruiter, Forrest Smith	Facile approach to polycyclic 3- unsubstituted tetrahydroisoquinolonic acid	Auburn University Annual Symposium: This is Research: Symposia, 2019
16	<b>Mansour S Alturki,</b> Ngolui Rene Fuanta, Madison A Jarrard, Judith V Hobrath, Douglas C Goodwin, Thankhoe A Rants'o, Angela I Calderón	A multifaceted approach to identify non-specific enzyme inhibition: Application to Mycobacterium tuberculosis shikimate kinase.	64TH ASMS Conference on Mass Spectrometry and Allied Topics, 2016
17	<b>Mansour S Alturki,</b> Ngolui Rene Fuanta, Madison A Jarrard, Judith V Hobrath, Douglas C Goodwin, Thankhoe A Rants'o, Angela I Calderón	A multifaceted approach to identify non-specific enzyme inhibition: Application to Mycobacterium tuberculosis shikimate kinase.	Auburn University Annual Symposium: This is Research: Symposia, 2016
18	<b>Mansour S Alturki,</b> Ngolui Rene Fuanta, Madison A Jarrard, Judith V Hobrath, Douglas C Goodwin, Thankhoe A Rants'o, Angela I Calderón	A multifaceted approach to identify non-specific enzyme inhibition: Application to Mycobacterium tuberculosis shikimate kinase.	Harrison College of Pharmacy Research Symposium, 2016
19	<b>Mansour Alturki,</b> Tahir M Khan	A Study Investigating the Level of Satisfaction With The Health Services Provided By the Pharmacist at ENT Hospital	1 <sup>st</sup> Medication Safety Meeting, 2012

### Current Researches

#	Research Title	Name of Investigator(s)
1	<b>Targeting the Shikimate Kinase in Acinetobacter baumannii: Identifying Antibacterial Compounds through a Structure-Based Computational Approach.</b>	Futun Mohammed Alshehri, Marwah Habib Alhamadah, Mansour Saleh Alturki





2	<b>In Silico Drug Repurposing Approach for Shikimate Kinase H. Pylori (HpSK) Using Some FDA-approved and Non-FDA Approved Drugs.</b>	Raghad Alzahrani, Hanin Alghamdi, Mansour Alturki, Abdulaziz Alkhzem
3	<b>In Silico Drug Repurposing Approach of Some FDA approved Drugs against EGFR T790M for Cancer Therapy.</b>	Mansour Saleh Alturki, Khalid Nabil Aldossary, Abdulaziz Ali Halawi

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Knowledge, Skills, And Abilities in Pharmacy and Toxicology Annual Meeting and Workshop (KASPT)	Khobar, KSA 21-23 April 2024	Poster Judge Committee Member
2	Saudi International Pharmaceutical Sciences (SIPHA)	Riyadh, KSA 22-24 Jan. 2024	Poster co-author
3	The Research Forum CHEM-IAU	Imam Abdulrahman Bin Faisal University, Dammam, KSA 12-13 Dec. 2023	Podium Presenter
3	International Conference on in silico Pharmacology	Doha, Qatar 22-24 <sup>th</sup> 2023	Poster co-author
4	Targeting RAS-New Avenues and Challenges Symposium	Salamanca, Spain 13-15 <sup>th</sup> Sep 2023	Poster co-author
5	ICPRE Conference	Alahsa, KSA 10-11 <sup>th</sup> March 2023	Poster co-author
6	Saudi Society for Cancer Research	Dammam, KSA, 7 <sup>th</sup> June 2023	Workshop presenter
7	Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT)	Dubai, UAE 10 <sup>th</sup> -12 <sup>th</sup> January 2023	Podium Presenter
8	American Pharmaceutical	Philadelphia, U.S.A., 2021	Poster Presenter



	Scientists National Conference		
9	American Chemical Society National Conference	Atlanta, U.S.A., 2021	Poster Presenter
10	Drug Discovery Chemistry National Conference	San Diego, U.S.A., 2021	Poster Presenter
11	American Chemical Society National Conference	Orlando, U.S.A., 2019	Poster Presenter
12	3 Minutes Presentation	Auburn University, 2020	Podium Presenter
13	3 Minutes Presentation	Auburn University, 2019	Podium Presenter
14	Auburn University Annual Symposium: This is Research: Symposia	Auburn, Alabama, 2019	Podium Presenter
15	Auburn University Annual Symposium: This is Research: Symposia	Auburn, Alabama, 2019	Poster Presenter
16	64TH ASMS Conference on Mass Spectrometry and Allied Topics	San Antonio, Texas June 5 - 9, 2016	Podium Session Organizer Assistant
17	64TH ASMS Conference on Mass Spectrometry and Allied Topics	San Antonio, Texas June 5 - 9, 2016	Poster Presenter
18	Auburn University Annual Symposium: This is Research: Symposia	Auburn, Alabama, April 13 <sup>th</sup> , 2016	Poster Judge Committee Member
19	Auburn University Annual Symposium: This is Research: Symposia	Auburn, Alabama, April 13 <sup>th</sup> , 2016	Poster Presenter
20	Harrison College of Pharmacy Research Symposium	Auburn, Alabama, April 8, 2016	Poster Presenter
21	Dubai International Pharmaceuticals &	Dubai, UAE, 10 <sup>th</sup> -12 <sup>th</sup> March 2014	Organizer



	Technologies Conference & Exhibition (DUPHAT)		
22	Clinical Pharmacist Practice Symposium	Alahsa, KSA, 23 <sup>rd</sup> May 2013	Podium Presenter
23	Skills Improvement and Development for Pharmacy Staff	Alahsa, KSA, 2 <sup>nd</sup> -3 <sup>rd</sup> April 2013	Organizer
24	Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT)	Dubai, UAE, 10 <sup>th</sup> -12 <sup>th</sup> March 2013	Organizer
25	Alahsa Pharmacy Scientific Meeting	Alahsa, KSA, 5 <sup>th</sup> Nov. 2012	Organizer
26	1 <sup>st</sup> Medication Safety Meeting	Riyadh, KSA 14 <sup>th</sup> - 15 <sup>th</sup> , Feb. 2012	Poster Presenter
27	THE OPTIMAL USE OF MEDICATION	Alahsa, KSA, 2011	Organizer and Chair of a scientific session

#### Membership in Scientific and Professional Societies and Organizations

- Saudi Pharmaceutical Society
- American Chemical Society
- Medicinal Chemistry-ACS

#### Teaching Activities

##### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Pharmaceutical Organic Chemistry-1	PHCH 212	Isomerism and stereochemistry of organic compounds and its role in binding to the target sites. Free radical reactions and its mechanism.
2	Medicinal Chemistry-1	PHCH302	Course Coordinator. ▪Taught half of the course to male and female students
3	Pharmaceutical Organic Chemistry-2	PHCH 213	Course Coordinator. ▪Taught half of the course to male and female students



### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

**Pharmaceutical Organic Chemistry-1 PHCH 212:** This course covers the fundamental concepts of saturated hydrocarbons, substituted hydrocarbons, and their chemistry, with a focus on their importance and applications in the pharmaceutical industry. Topics covered include acid-base theories, nomenclature, synthesis, properties, and the pharmaceutical significance of alkanes, alkyl halides, alcohols, ethers, epoxides, phenols, and sulfides. The course will also cover bonding and structural isomerism, stereochemistry, and their biological applications.

**Medicinal Chemistry-1 PHCH302:** This course provides an introduction to medicinal chemistry, the pharmacodynamics and pharmacokinetics properties of drugs, and the pharmacological activity of drugs acting on the autonomic nervous system (cholinergic and adrenergic) and cardiovascular system (cardiotonics, antiarrhythmics, vasodilators, antihypertensive, antihyperlipidemic, anticoagulants), diuretics, and antihistamine.

**Pharmaceutical Organic Chemistry-2 PHCH 213:** This course covers the basic fundamentals of unsaturated hydrocarbons and its chemistry, pharmaceutical importance, and applications: Alkenes and alkynes, aromatic compounds like benzene, substituted benzene, aldehydes and ketones, carboxylic acids and derivatives (amides, anhydrides, esters), amines and heterocyclic compounds; and the effects of the chemical properties on biological activities.

### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	From	To
	Medicinal Chemistry-1	Yes	Yes	Yes	Aug 2022	Nov 2022
	Pharmaceutical Organic Chemistry-2	Yes	Yes	Yes	Dec 2022	Feb 2023
	Pharmaceutical Organic Chemistry-2	Pharmaceutical Organic Chemistry - 2	Yes	Yes	Mar 2023	June 2023

### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Undergraduate level: Graduation Project supervision and mentorship.	4	Sept 2022	May 2023



2	<b>Undergraduate level: Graduation Project supervision and mentorship.</b>	6	Sept 2023	Present
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### Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

#### Administrative Responsibilities

#	From	To	Position	Organization
1	Aug 2023	Present	<b>Chair-Pharmaceutical Chemistry Department</b>	College of Clinical Pharmacy, IAU
2	Feb 2023	Present	<b>Head-Examination Facilitation Committee</b>	College of Clinical Pharmacy, IAU

#### Committee Membership

#	From	To	Position	Organization
1	Aug 2024	Present	Member-Curriculum Committee	College of Clinical Pharmacy, IAU
2	Aug 2024	Present	Member-Lab Committee	College of Clinical Pharmacy, IAU
3	Aug 2024	Present	Member-Postgraduate Committee	College of Clinical Pharmacy, IAU

#### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	Dec 2012	May 2014	Social and Member Service Officer	Alahsa Pharmacy Club, Saudi Pharmaceutical Society
2	Aug 2016	Aug 2017	Press & Media Relations Officer	Saudi Club, Auburn University, USA
3	May 2017	Jan 2018	Vice President and Chair-Elect	American Association of Pharmaceutical Scientists, Auburn University Student Chapter, USA



### Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Proficient in molecular modeling software to simulate and visualize molecular structures, predict properties, and analyze molecular interactions without the need for physical experimentation.
3	Proficient in different separation and characterization techniques such as NMR, LCMS, and GCMS.
4	Skilled in utilizing Microsoft Office applications, including Word, Excel, and PowerPoint, as well as other specialized software like ChemDraw, Ultra ChemSketch, and basic AutoCAD.

### Certification:

1. Introduction to Molecular Modelling in Drug Discovery by Schrodinger, 2020
2. Hightrough Virtual Screening of Hit Finding and Evaluation by Schrodinger, 2024.

### Honors and Awards

2023	Appreciation plaque in recognition of participating as a speaker, Dubai International Pharmaceutical and Technologies Conference & Exhibition (DUPHAT), Dubai, UAE.
2021	Dean's Travel Award, Harrison College of Pharmacy, Auburn University, U.S.A.
2020	Rho Chi
2019	American Chemical Society (ACS) Travel Award, U.S.A.
2016	2 <sup>nd</sup> Place in the Drug Delivery/Interactions Category at the 4 <sup>th</sup> Annual Harrison School of Pharmacy Research Symposium, U.S.A.
2013	Letter of appreciation for participating in the Clinical Pharmacy Practice Symposium, Alahsa, KSA
2012	Letter of appreciation from Saudi Pharmaceutical Society For organizing Alahsa Pharmacy Scientific Meeting, Alahsa, KSA
2008-2010	First Dean List with Distinction, King Faisal University, Alahsa, KSA
2012	Prize winner for students' products exhibition, King Faisal University, KSA



- 2012 Prize winner for research acceptance. King Faisal University, KSA
- 2012 Letter of appreciation for delivering a lecture on Genetic Blood Diseases, Arafat school, Alahsa, KSA
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### Last Update

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