



# Ashfaq Ahmed Mohsin

Lecturer

## Personal Data

Nationality | Indian  
Date of Birth | February 24, 1975  
Department | Pharmaceutics, College of Clinical Pharmacy  
Official IAU Email | aamohsin@iau.edu.sa  
Office Phone No. | +966553903597

## Language Proficiency

Language	Read	Write	Speak
Arabic	Yes	Yes	No
English	Yes	Yes	Yes
Hindi	Yes	Yes	Yes
Urdu	Yes	Yes	Yes
Kannada	Yes	Yes	No

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2004	Master of Pharmacy (Pharmaceutics)	Bangalore, Karnataka -India	Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka - India
2000	Bachelor of Pharmacy	Gulbarga, Karnataka-India	Gulbarga University, Gulbarga, Karnataka - India

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

PhD	
Master	Studies on Nimesulide Microcrystals Prepared by Emulsification Followed by Solvent Evaporation Technique (First Class)



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

Job Rank	Place and Address of Work	Date
<b>Lecturer</b>	College of Clinical Pharmacy, Imam Abdulrahman Bin Faisal University, King Faisal Coastal Road, Eastern Province, P.O. Box 1982, Dammam 31441 Kingdom of Saudi Arabia	September 2014 - Present
<b>Assistant Professor</b>	Luqman College of Pharmacy, (Affiliated to Rajiv Gandhi University of Health Sciences) P.O. Box 86, Behind P & T Colony, Gulbarga, Pin Code: 585102 Karnataka, India	August 2009 - August 2014
<b>Lecturer</b>	Luqman College of Pharmacy, (Affiliated to Rajiv Gandhi University of Health Sciences) P.O. Box 86, Behind P & T Colony, Gulbarga, Pin Code: 585102 Karnataka, India	June 2004 - July 2009

### 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	Khalid A. Bin Abdulrahman, Abdullah Omar Bamosa, Abdullah I. Bukhari, Intisar Ahmad Siddiqui, Mostafa A. Arafa, <b>Ashfaq A. Mohsin</b> , Mamdouh Faleh Althageel, Majed Owed Aljuaeed, Ibrahim Mohammed Aldeailej, Abdul aziz Ibrahim Alrajeh, Kamel Mohamed Aldosari, Najat Ahmed Hawsawi, Khalid Ibrahim Zawbaee and Saad Mohammed Alsurayea	The Effect of Short Treatment with Nigella Sativa on Symptoms, the Cluster of Differentiation (CD) Profile, and Inflammatory Markers in Mild COVID-19 Patients: A Randomized, Double- Blind Controlled Trial	Int. J. Environ. Res. Public Health 2022
2	Rumana F. Shaikh, Mohammed Taher Ali, <b>Ashfaq A. Mohsin</b> , Sanket D. Hiware, Arafat Ahmad, Syed Rehan H. Daimi, Khwaja Moizuddin, Siraj A.	A Comparative Study on Clinical Evaluation of the Hypolipidemic Effects of Allium sativum, Trigonella foenum-graecum, Commiphora mukul, Picrorhiza	Cureus 2022



	Shaikh, Faiza B. Siddiqui	kurroa, and Piper nigrum: A Pilot Study	
3	Ayad Salem, Abdullah Bamosa, Mohammed Alam, Saleh Alshuraim, Hamad Alyalak, Abdulrahman Alagga, Faisal Tarabzouni, Omar Alisa, Hussein Sabit, <b>Ashfaq Mohsin</b> , Mohammad Shaikh, Abdulaziz Farea, Thamer Alshammari, Obeid Obeid	Effect of Nigella sativa on general health and immune system in young healthy volunteers; a randomized, placebo controlled, double-blinded clinical trial	F1000 Research, 2021
4	Yasir Alshehry, Hassan Ghonaim, <b>Ashfaq A. Mohsin</b>	In-Vitro Evaluation of Brand and Generic of Meloxicam Tablets Available in Saudi Arabia	International Journal of Pharmacy & Pharmaceutical Research (IJPPR), 2021
5	Mohammed Jafar, <b>Ashfaq Ahmed Mohsin</b> , Mohammed Saifuddin Khalid, Abdullah oammed Alshahrani, Faisal Salem Alkhateeb, Abdulrahman SaadAlqarni	Ranitidine hydrochloride stomach specific buoyant microsphere: Preparation, <i>in-vitro</i> characterization, and <i>in-vivo</i> anti-ulcer activity	Journal of Drug Delivery Science and Technology, 2020
6	Mohammed Taher Ali, Rumana Farrukh Shaikh, <b>Ashfaq Ahmed Mohsin</b>	Study of Antianxiety Property of Withania Somnifera Using Elevated Plus Maze in Albino Rats	Indian Journal of Basic and Applied Medical Research; Pharmacology, 2019
7	Mohammed Taher Ali, Rumana Farrukh Shaikh, <b>Ashfaq Ahmed Mohsin</b>	Study of effects Withania somnifera in Albino rats on learning & memory using Cook's Pole Climbing Apparatus	Indian Journal of Basic and Applied Medical Research; Pharmacology, 2017
8	Mohammed Taher Ali, Rumana Farrukh Shaikh, <b>Ashfaq Ahmed Mohsin</b>	Comparison of efficacy of Withania somnifera in Albino rats with standard drugs Piracetum & Diazepam	Indian Journal of Basic and Applied Medical Research; Pharmacology, 2017
9	<b>Mohsin A A</b> , Sanaullah S, Nimbalkar NE, Aejaz A, Faheem I P	Preparation and Evaluation of Mouth Dissolving Amitriptyline Hydrochloride Tablets by Sublimation Technique	Universal Journal of Pharmacy, 2012
10	M Najmuddin, <b>Mohsin A A</b> , Tousif Khan, V Patel, S Shelar	Formulation and evaluation of solid dispersion incorporated gel	Research Journal of Pharmaceutical,



		of ketoconazole	Biological and Chemical Sciences, 2010
11	<b>Mohsin A A</b> , Nimbalkar N E, Sanauallah S, Aejaz A	Formulation and evaluation of mouth dissolving tablets of Amitriptyline hydrochloride by direct compression technique	International Journal of Pharmacy and Pharmaceutical Sciences, 2010
12	Aejaz A, Azmail K, Sanauallah S, <b>Mohsin A A</b>	Formulation and <i>In vitro</i> Evaluation of Aceclofenac Solid Dispersion Incorporated Gels	International Journal of Applied Pharmaceutics, 2010
13	Aejaz A, Azmail K, Sanauallah S, <b>Mohsin AA</b>	Studies on aceclofenac solid dispersion in incorporated gels: development, characterization and <i>in vitro</i> evaluation	International Journal of Pharmacy and Pharmaceutical Sciences, 2010
14	Faheem I, Patwekar, B, Gopalakrishana K Durga Rao, <b>Mohsin A A</b> , Mohsina F Patwekar	Free radical scavenging activity of <i>Tephrosia procumbens</i> buch-ham	International Journal of Pharmaceutical Science, 2010
15	M.Najmuddin, Tousif Khan, <b>Mohsin A A</b> , S Shelar, Vishal Patel	Enhancement of Dissolution Rate of Ketoconazole by Solid Dispersion Technique	International Journal of Pharmacy and Pharmaceutical Science, 2010
16	Faheem I, Patwekar, Mohsina F, Patwekar, Muhammad Asif, Sanjeev Heroor, <b>Mohsin A A</b>	Activity guided Separation of Phytoconstituents from the Flowers of <i>Ichnocarpus frutescens</i> L. and evaluation for antioxidant property	Research Journal of Pharmaceutical, Biological and Chemical Sciences, 2010

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

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Abdullah A. Alsuliman, Abdulrahman A. Alshawlabi, Abdulaziz O. Alhazemi, <b>Ashfaq A. Mohsin</b> , Yasir A. Alshehry	Preparation and characterization of Orodispersible tablet of an antihypertensive drug for the better therapeutic efficacy of pediatric population: in vitro study	Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT), Dubai, UAE March 2022
2	Hassan Mohammed Alsulais, Ahmed aldoulah, Ali	Comparative Study of Brand and Generic Products of	Saudi Food and Drug Authority Second Annual



	Alqaisum, Hassan Ghonaim, <b>Ashfaq Ahmed Mohsin</b>	Levofloxacin and Ciprofloxacin Tablets Available in Saudi Market, are they equivalent to each other?	Conference (SFDA) Riyadh, Saudi Arabia April 2019
3	Mohammed Jafar, Faisal Al-Khateeb, Abdullah Alsharani, Abdulrahman, <b>Ashfaq Ahmed Mohsin</b> , Mohammed Saifuddin Khalid	Design and Development of gastric floating microsponge of Ranitidine HCL	Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT), Dubai, UAE February 2019
4	Mohammed Jafar, Abdullah Alsharani, Faisal Al-Khateeb, Abdulrahman, Mohammed Saifuddin Khalid, <b>Ashfaq Ahmed Mohsin</b>	Gastric floating microsponge: A Novel approach to ameliorate therapeutic response and allviate untoward effects of stomach specific drugs.	Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT), Dubai, UAE February 2019
5	Yasir A. Alshogaibi, <b>Ashfaq A. Mohsin</b> , Mohammed S. Khalid, Hassan M. Ghonaim	In vitro and In vivo Studies of Brand and Generics of Meloxicam Tablets Available in Saudi Arabia	Saudi Food and Drug Authority Second Annual Conference Riyadh, Saudi Arabia September 2018
6	<b>Mohsin A A</b> , Mansoori A W, Sanaullah S, Omar K	Formulation and Optimization Of Mouth Dissolving Tablet Containing Indomethacin Solid Dispersion	63 <sup>rd</sup> Indian Pharmaceutical Congress - Pharma Vision 2020: India - The Pharma Powerhouse Bengaluru, Scientific Poster Presentations, Abstract code. A-1012 December 16-18, 2011
7	<b>Mohsin A A</b> , Ansari M. Shahid, S Sanaullah, Md Liyakat Ahmed, Mansoori A Wahed	Formulation and Characterization of Tizanidine Hydrochloride Mucoadhesive Buccal Patches	15 <sup>th</sup> Annual National Convention of APTICON - 2010 Shilpakala Vedika, Hyderabad - Scientific Poster Presentations - Pharmaceutics, Abstract No. A 104, November 2-3, 2010
8	Aejaz A, Azmail K, Sanaullah S, <b>Mohsin A A</b>	Studies on Aceclofenac Solid Dispersion incorporated Gels:	15 <sup>th</sup> Annual National Convention of APTICON



		Development, Characterization and in vitro Evaluation	- 2010 Shilpakala Vedika, Hyderabad - Scientific Poster Presentations- Pharmaceuticals, Abstract No. A 96, November 2-3, 2010
9	<b>Mohsin A A</b> , Nimbalkar N E, Sanaullah S	Preparation & Evaluation of Mouth Dissolving Amitriptyline hydrochloride Tablets by Sublimation Technique	International Conference on Drug Delivery - 2010, PSG college of Pharmacy, Coimbatore, Scientific Poster Presentations, Abstract code. PP 106, January 29-30, 2010
10	<b>Mohsin A A</b> , Purushotham Rao, Omar Khan	Studies on Nimesulide Microcrystals Prepared by Emulsification followed by Solvent Evaporation Technique	APTI International Convention Andhra University, Vishakapatnam - Scientific Poster Presentations- Pharmaceutical Technology & Bio-Technology-I&II, Abstract No. PTR 067, October 2-3, 2004

### Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Ashfaq A. Mohsin, Ahmed alzahrani, Saud Awaji, Saleh Abahussain	Formulation and Characterization of Losartan potassium orodispersible tablets for better therapeutic efficacy: in vitro study	May 2022
2	Hassan Ghonaim, Ashfaq A. Mohsin, Mohammed Abdulghani Al Sanbil, Ahmed Ali Al Shuwaikhat, Mohammed Dia Sunbul	Comparative study of brand and generics of Amoxicillin / Clavulanic acid tablets available in Saudi Arabia market	May 2022
3	Hassan Ghonaim, Ashfaq A. Mohsin, Mohammed Aljawyad, Saud Aloufi, Khalid Alhamad	Formulation and Characterization of Lansoprazole as Rapidly Disintegrating Oro-dispersible Tablets	May 2022
4	Faheem Hyder Potto, Ashfaq A. Mohsin, Kawthar al-majed, Fadek busaleh	Microsphere drug delivery system for novel anticancer combination	May 2022
5	Faheem Hyder Potto, Ashfaq A. Mohsin,	Smart PH sensitive microbead	May 2022



	Jumanah Alhayek, Fatimah Alnass	formulation of captopril and metronidazole for potential anticancer effect	
6	Ashfaq A. Mohsin, Yasir A. Alshehry, Abdullah A. Alsuliman, Abdulrahman A. Alshawlabi, Abdulaziz O. Alhazemi	Preparation and characterization of orodispersible tablet of an antihypertensive drug for the better therapeutic efficacy of pediatric population: in vitro study	April 2021
7	Hassan Ghonaim, Ashfaq A. Mohsin, Mustafa Abdullah, Deya Sewaket, Mohammad Alboqemi	Comparative Study of Brand and Generics Cardiovascular Drugs Available in KSA Market	April 2020
8	Mohammed Jafar, Ashfaq Ahmed Mohsin, Mohammed Saifuddin Khalid, Abdullah Al-Sharani, Faisal Alkhateeb and Abdulrahman Alqarni	Design and development of gastric floating microsphere for stomach specific delivery of a narrow absorption window drug	April 2019
9	Hassan Ghonaim, Ashfaq Ahmed Mohsin, Hassan Mohammed Alsulais, Ahmed aldoulah, ali Alqaisum	Comparative Study of Brand and Generic Products of Levofloxacin and Ciprofloxacin Tablets Available in Saudi Market, are they equivalent to each other?	April 2019
10	Hassan Ghonaim, Ashfaq Ahmed Mohsin Mohammed Saifuddin Khalid, Yasir Abdulaziz Alshehry, Abdullah Alhomidan, Abdullah Alzahrani	Comparative evaluation of brand and generic of Ibuprofen, Mefenamic acid, and Meloxicam that available in Saudi Arabia market	April 2018

### Current Researches

#	Research Title	Name of Investigator(s)
1	Formulation, characterization and invitro Evaluation of losartan potassium microspheres by solvent evaporation method using natural polymers	Ashfaq Ahmed Mohsin, Mujtaba Abbas binJasim Aljasim, Hussain Hashim bin Alwi Alsaada
2	Formulation and characterization of cyclodextrin based Nanosponges	Ashfaq Ahmed Mohsin, Mujtaba Abbas binJasim Aljasim, Hussain Hashim bin Alwi Alsaada



### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Innovation in Science Pursuit for Inspired Research	Luqman College of Pharmacy, Gulbarga, Karnataka, India August 26-31, 2012	Organizing Committee Member
2	Challenging Techniques in Phytochemical, Analytical & Pharmacological Evaluation of Herbal products	Luqman College of Pharmacy, Gulbarga, Karnataka, India January 11-12, 2008	Organizing Committee Member
3	Emerging trends in advanced drug delivery systems	Luqman College of Pharmacy, Gulbarga, Karnataka - India January 20-21, 2007	Organizing Committee Member

### Membership of Scientific and Professional Societies and Organizations

- Member, Karnataka State Pharmacy Council (**Reg. # 37409**)
- Life Member, Association of Pharmaceutical Teachers of India (**KA/LM - 542**)

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Fundamentals of Pharmaceutics	PHCT202	1 Credit hour (6 Contact hours)
2	Physical Pharmacy	PHCT207	1 Credit hour (6 Contact hours)
3	Pharmaceutical Dosage Forms	PHCT309	1 Credit hour (6 Contact hours)
4	Biopharmaceutics	PHCT412	1 Credit hour (6 Contact hours)
5	Clinical Pharmacokinetics	CLPH505	1 Credit hour (3 Contact hours)
6	Pharmaceutics I	BP103T	2+1 Credit hour (6 Contact hours)
7	Pharmaceutics II	BP302T	3+1 Credit hour (12 Contact hours)
8	Physical Pharmacy	BP306P	3+1 Credit hour (9 Contact hours)
9	Pharmaceutical Engineering	BP304T	3+1 Credit hour (12 Contact hours)
10	Advanced Industrial Pharmacy	BP702T	2 Credit hour (2 Contact hours)





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

#### **Fundamentals of Pharmaceutics - PHCT202:**

This course provides a fundamental knowledge on artistic and scientific aspects of compounding and dispensing of extemporaneous preparations.

#### **Physical Pharmacy - PHCT207:**

This course is an essential component of pharmacy education. It forms a foundation of conventional and novel pharmaceutical dosage forms. This course will equip pharmacy Students with fundamental knowledge of physical and chemical phenomenon that governs the in vivo & in vitro actions of pharmaceutical dosage forms.

#### **Pharmaceutical dosage Forms - PHCT309:**

This course provides a scientific knowledge concerning the preparation and evaluation of various Pharmaceutical dosage forms.

#### **Biopharmaceutics - PHCT412:**

This course introduces students to the concept and principles of biopharmaceutics. Use of semi log graph paper, order of reaction, half-life, clearance, area under curve (AUC), C<sub>max</sub> and t<sub>max</sub> and other calculations related to biopharmaceutics.

#### **Clinical Pharmacokinetics - CLPH505:**

This course focuses on the basic principles of pharmacokinetics for the purpose of optimizing drug therapy, therapeutic drug monitoring with the emphasis on pharmacokinetics of high-risk drugs, e.g. aminoglycosides antibiotics, carbamazepine, digoxin, phenobarbital, phenytoin, procainamide, theophylline, valproic acid and vancomycin etc.

### Course Coordination

#	Course Title and Code	Coordinati on	Co- coordination	Under grad.	Post grad.	From	To
1	Fundamentals of Pharmaceutics - PHCT202		✓	✓		Sep 2014	Present
2	Physical Pharmacy - PHCT 207		✓	✓		Jan 2015	Present
3	Pharmaceutical Dosage Forms - PHCT 309		✓	✓		Jan 2015	Present
4	Biopharmaceutics - PHCT 412		✓	✓		Jan 2016	Present
5	Clinical Pharmacokinetics - CLPH 505		✓	✓		Aug 2018	Dec 2018



### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	3 <sup>rd</sup> Year B Pharm	50	2009	2010
2	3 <sup>rd</sup> Year B Pharm	45	2010	2011
3	3 <sup>rd</sup> Year B Pharm	43	2011	2012
4	3 <sup>rd</sup> Year B Pharm	25	2012	2013
5	3 <sup>rd</sup> Year B Pharm	15	2013	2014

### Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

#### Administrative Responsibilities

#	From	To	Position	Organization
1	2005	2014	Student Welfare Officer	Luqman College of Pharmacy, Gulbarga, Karnataka, India
2	2013	2013	Squad (Undergraduate examinations) Rajiv Gandhi University of Health Sciences. Bangalore, India	Ayurved Mahavidyalaya, Heggeri Ext. Old Hubli, Karnataka, India.
3	2012	2012	Squad (Undergraduate examinations) Rajiv Gandhi University of Health Sciences. Bangalore, India	SB Patil institute of Dental sciences & Research, Bidar, Karnataka, India.
4	2008	2008	Squad (Undergraduate examinations) Rajiv Gandhi University of Health Sciences. Bangalore, India	RV College of Nursing, Jayanagar, Bangalore, Karnataka, India.

#### Committee Membership

#	From	To	Position	Organization
1	December 2014	Till date	Member	<b>Examination Facilitation Committee</b> , College of Clinical Pharmacy, Imam Abdul



				Rahman Bin Faisal University. Dammam
2	April 2019	Till date	Member	<b>Assessment and Examination Quality Committee</b> , College of Clinical Pharmacy, Imam Abdul Rahman Bin Faisal University. Dammam
3	2005	2014	Coordinator	<b>Internal Examination, Sports, extracurricular and cocurricular activity committees</b> , Luqman College of Pharmacy, Gulbarga, Karnataka- India
4	2005	2013	Member	<b>Health Camp, Time table committee</b> Luqman College of Pharmacy, Gulbarga, Karnataka- India
5	2007	2010	Member	<b>College Governing Council</b> , Luqman College of Pharmacy, Gulbarga, Karnataka- India

### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2013	2013	Member	<b>“Blood Donation camp”</b> Jointly organized by Indian Youth Red Cross Wing & Luqman college of Pharmacy Gulbarga, Karnataka , India

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

1	Proficiency in DSC, USP Type fully automated dissolution tester, Tablet press, Capsule filling machine, Ampoule filling machine, Powder & Granulate Tester, Vibro viscometer etc.
2	Expertise in PCP Disso V3, INSTAT statistical software used for novel drug delivery system design and data analysis
3	IT skills including all MS office programs, Internet surfing skills etc.

### Last Update

09/11/2022