



FACULTY FULL NAME: Dr. Faheem Hyder Pottoo

POSITION: Assistant Professor

Personal Data

Nationality | India

Date of Birth | 25-02-1988

Department | Department of Pharmacology

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Language Proficiency

Language	Read	Write	Speak
Arabic	NO	YES	NO
English	YES	YES	YES
Others-Urdu/Kashmiri	YES	YES	YES

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2013 – 2016	PhD (Pharmacology) <i>Subspecialty:</i> <i>Neuropharmacology</i>	India	Department of Pharm. Sc., Faculty of Applied Sc. And Tech., University of Kashmir, Srinagar, JK, India
2011 – 2013	M.Pharm (Pharmacology) <i>Subspecialty:</i> <i>Neuropharmacology</i>	India	Department of Pharmacology, School of Pharmaceutical & Educational Research Jamia Hamdard, New-Delhi, India
2007 – 2011	B.Pharm	India	Ram-Eesh Institute of Voc. and Tech. Education, affiliated to Gautam Budh Technical University (GBTU), U.P, India



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

PhD	Evaluation of Molecular Mechanisms of Selective Estrogen Receptor Modulator, Selective Serotonin Receptor Modulator, Dopamine (D2) Receptor Agonist and their Combinations in Animal Models of Epilepsy
Master's	Evaluation of Raloxifene a selective estrogen receptor modulator on kainic acid-induced status epilepticus, hippocampal TGF- β 3 and serum estradiol in normal and VCD-induced ovotoxic mice

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor (Pharmacology)		Department of Pharmacology, College of Clinical Pharmacy Imam Abdul rahman Bin Faisal University Dammam, Saudi Arabia	September 2017 – Present
Assistant Professor (Pharmacology)		School of Medical and Allied Sciences K.R.Mangalam University Gurgaon, India	September 2016 – August 2017

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head-Examinations (Male campus)	College of Clinical Pharmacy Imam Abdul rahman Bin Faisal University, Dammam, Saudi Arabia	September 2019 – Continuing



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	Ansari MA, Chung IM, Rajakumar G, Alzohairy MA, Alomary MN, Thiruvengadam M, Pottoo FH , Ahmad	Current Nanoparticles approaches in Nose to Brain Drug Delivery and Anticancer Therapy - A Review	Current Pharmaceutical Design. 2020. IF: 2.41
2	Ansari MA, Badrealam KF, Alam A, Tufail S, Khaliq G, Eqbal MJ, Alzohairy MA, Almatroudi A, Alomary MN, Pottoo FH	Recent Nano-based Therapeutic Intervention of Bioactive Sesquiterpenes: Prospects in Cancer Therapeutics	Current Pharmaceutical Design. 2020 IF: 2.41
3	Pottoo FH , Alshayban DM, Joseph R, Al-Musa F, Al-Jabran O, Aljaafari D	Impact of adherence to antiepileptic medications on quality of life of epileptic patients in the Eastern Province of Saudi Arabia: A cross-sectional study	Imam Journal of Applied Sciences. 2020. 5 (1), 1
4	Pottoo FH , Barkat MA, Harshita, Ansari MA, Javed MN, Sajid Jamal QM, Kamal MA.	Nanotechnological based miRNA intervention in the therapeutic management of neuroblastoma	Seminars in Cancer Biology. S1044-579X(19)30224-X. 2019 IF: 9.65
5	Pottoo FH* , Javed MN, Barkat MA, Alam MS, Nowshehri JA, Alshayban DM and Ansari MA*	Estrogen and Serotonin: Complexity of Interactions and Implications for Epileptic Seizures and Epileptogenesis.	Current Neuropharmacology. 17(3). 2019 IF:4.56



6	El Rayes SM,* Aboelmagd A, Gomaa MS, Ali IAI Fathalla W, Pottoo FH , Khan FA	Convenient synthesis and antiproliferative activity of methyl 2-[3-(3-phenyl-quinoxalin-2-ylsulfanyl)propanamido] alkanoates and N-Alkyl 3-((3-phenylquinoxalin-2-yl)sulfanyl) propanamides	RSC-Omega 2019 IF = 2.58
7	Ahmad N, Ahmad R, Al-Qudaihi A, Alaseel SE, Fita IZ, Khalid MS, Pottoo FH , Bolla SR	A novel self-nanoemulsifying drug delivery system for curcumin used in the treatment of wound healing and inflammation	3 Biotech 9(10): 360. 2019 IF = 1.78
8	Barkat A, Goyal A, Harshita, Pottoo FH , Beg S, Ahmad FJ*	Herbal medicine: current progress, and challenges	Current Bioactive Compounds. 2019 DOI : 10.2174/1573407215666191111114853
9	Alam MS, Javed MN, Pottoo FH , Waziri A, Almalki FA, Hasnain MS, Garg A, Saifullah K	QbD approached comparison of reaction mechanism in microwave synthesized gold nanoparticles and their superior catalytic role against hazardous nirto-dye	Applied Organometallic Chemistry. 33 (9). e5071 2019 IF = 3.25
10	Ahmad N, Ahmad R, Al-Qudaihi A, Alaseel SE, Fita IZ, Khalid MS, Pottoo FH	Preparation of a novel curcumin nanoemulsion by ultrasonication and its comparative effects in wound healing and the treatment of inflammation	RSC Advances 9 (35). 20192-20206. 2019 IF = 3.04
11	Harshita, Barkat MA, Beg S, Pottoo FH ,	Nanopaclitaxel Therapy: An Evidence-	Nanomedicine . 14 (10). 1323-1341.



	Ahmad FJ.	Based Review on the Battle for Next Generation Formulation Challenges.	IF = 4.71 2019
12	Neyaz A , Ahmad R, Alam MA, Ahmad FJ, Amir M, Pottoo FH Sarafroz M, Jafar M, & Umar K	Daunorubicin Oral Bioavailability Enhancement by Surface Coated Biodegradable Polymeric Nanoparticles.	International Journal of Biological Macromolecules 128, 825-838. 2019 IF = 4.78
13	Harshita, Barkat A, Beg S, Pottoo FH , Ahmad FJ	Paclitaxel-loaded Nanolipidic Carriers with Improved Oral Bioavailability and Anticancer activity against Human Liver Carcinoma	AAPS PharmSciTech. 23;20(2):87. 2019 IF = 2.60
14	Amir M., Ahmad N., Sarafroz M., Ahmad W., Ahmad S., Mujeeb M., Pottoo FH	<i>Tamarindus indica</i> Fruit: Pharmacognostical Standardization, Detection of Contaminant, and <i>In Vitro</i> Antioxidant Activity	Journal of Pharmacy and Bioallied Sciences. 11(4): 355–363. 2019
15	Alshayban D, Pottoo FH* , Aftab MT	Genotoxic burden of smoking shisha in Arabian countries: In particular female population.	Imam Journal of Applied Sciences. 4 (2). 31-38. 2019
16	Sharma S, Javed MN, Alam MS, Pottoo FH* , Rabbani SA, Barkat MA, Harshita, Sarafroz M , Amir M	Bioresponse Inspired Nanomaterials for Targeted Drug and Gene Delivery	Pharmaceutical Nanotechnology. 7. 1-15. DOI : 10.2174/2211738507666190429103814 2019
17	Mishra S, Sharma S, Javed MN, Pottoo FH* , Barkat MA, Harshita,	Bioinspired Nanocomposites: Applications in Disease	Pharmaceutical Nanotechnology. 7. 1-15. 2019



	Alam MS, Amir M, Sarafroz M	Diagnosis and Treatment	
18	Sarafroz M, Khatoon Y, Ahmad N, Amir M, Salahuddin, Pottoo FH	Synthesis, Characterization and anticonvulsant activity of novel fused 1,2,4-Triazolo-1,3,4-Thiadiazoles.	Oriental Journal of Chemistry 35(1). 2019
19	Alsaud ZA, Alshayban D, Joseph R, Pottoo FH* , Lucca JM	Off-label Medications Use in the Eastern Province of Saudi Arabia: The Views of General Practitioners, Pediatricians and Other Specialists.	Hospital Pharmacy 1-7. 2018
20	Barkat A, Harshita, Pottoo FH , Naim J, Singh SP, Ahmad FJ	Therapeutic Intervention of Aloe gel containing Nanosized and Micronized Silver sulfadiazine gel on second degree burn: A comparative study.	<i>The International Journal of Lower extremity Wounds.</i> 17(3):176-183. 2018 IF = 1.27
21	Barkat A, Harshita, Beg S, Naim J, Pottoo FH , Singh SP & Ahmad FJ	Current Progress in Synthesis, Characterization and Applications of Silver Nanoparticles: Precepts and Prospects.	Recent Patents on Anti-infective Drug Discovery. 12: 1- 10. 2018
22	Barkat A, Harshita, Pottoo FH , Beg S, Ahmad FJ, Singh SP	Silver Nanoparticles and their Antimicrobial Applications.	Current Nanomedicine. 8 (3). 215-224. 2018.
23	Amir M, Ahmad N, Sarafroz M, Jamal M, Pottoo FH , Mujeeb M	Invitro propagation, development and validation of HPTLC method for quantification of steroidal glycoalkaloid solasod in Invitro culture and plant parts	Oriental Journal of Chemistry. 1-10. 2018



		of <i>Solanum Nigrum</i> .	
24	Alam MS, Garg A, Pottoo FH , Saifullah MK, Tareq AI, Manzoor O, Mohsin M & Md Javed MN	Gum ghatti mediated, one pot green synthesis of optimized Gold nanoparticles: Investigation of process-variables impact using Box-Behnken based statistical design.	International Journal of Biological Macromolecules. 104(Pt A):758-767. 2017 IF =3.90
25	Barkat MA, Singh SP, Ahmad FJ, Ahmad I, Harshita, Ali R and Pottoo FH (2017)	Nanosuspension-based Aloe Vera Gel of Silver Sulfadiazine with improved Wound Healing Activity.	AAPS PharmSciTech. 1-12 2017 IF =2.66
26	Ahmad D, Pottoo FH* , Kumar R.B.S, Haldar S & Haldar P.K	Rohu fish (<i>Labio rohita</i>) bile attenuates streptozotocin-induced diabetes mellitus in rats: Evidence from biochemical and oxidative stress markers.	Austin Journal of Pharmacology and Therapeutics. 5(1):1-5. 2017
27	Nigar S, Pottoo FH* , Tabassum N, Verma SK & Javed MN	Molecular insights into the role of Inflammation and Oxidative Stress in Epilepsy.	Journal of Advances in Medical and Pharmaceutical Sciences. 10(1):1-9. 2016
28	Pottoo FH , Bhowmik M & Vohora D	Raloxifene protects against seizures and neurodegeneration in a mouse model mimicking epilepsy in postmenopausal woman.	European Journal of Pharmaceutical Sciences. 65:167-73. 2014 IF = 3.46
29	Barkat M, Rizwan M, Naim J, Pottoo FH & Kumar R	Phytoconstituents as potential anti-HIV agents: A systematic review.	International Journal of Biomedical Research. 5 (5): 299-313. 2014



Published Book Chapters

#	Name of Investigator(s)	Research Title	Journal
30	Javed MN; Alam MS; Waziri A, Pottoo FH ; Yadav AK, Hasnain MS; Al Maliki FA	QbD applications for development of nanopharmaceutical products. In S Beg, MS Hasnanin (Ed.), Pharmaceutical Quality by Design.	Elsevier. DOI: 10.1016/B978-0-12-815799-2.00013-7

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1.	Sharma P, Sharma A, Fayaz F, Wakode S, Pottoo FH	Biological signatures of Alzheimer Disease	Current Topics in Medicinal Chemistry IF = 3.44	January, 2020
2.	Ahmad MA, Pottoo FH* , Akbar M	Gene therapy repairs for epileptic brain: Potential for treatment and future directions	Current Gene Therapy IF = 2.21	January, 2020

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1.	Dr. Faheem Hyder Pottoo & Dr. Neyaz Ahmad	Development of a novel curcumin nanoformulation and their comparative effects with fusidic acid and clotrimazole in the treatment of wounds.	2019
2.	Dr. Dhfer Mahdi	Assessment of adherence and quality of life of	2019



Alshayban & Dr. Faheem Hyder Pottoo	epilpepsy patients in the eastern region of Saudi Arabia.	
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Current Researches

#	Research Title	Name of Investigator(s)
1.	Molecular insights into the antiepileptic and neuroprotective effects of Phenytoin, Thymoquinone and their combinations in animal models of epilepsy	Dr. Faheem Hyder Pottoo & Dr. Mohammad Salauddin
2.	Molecular insights into the antiepileptic and neuroprotective effects of Sod Valproate, Thymoquinone and their combinations in animal models of epilepsy	Dr. Faheem Hyder Pottoo & Dr. Mohammad Salauddin
3.	Development of a prototype for selective dual CYP26/HDAC inhibition with improved target selectivity for the treatment of neuroblastoma	Dr. Mohammad Mansour Gomma & Dr. Faheem Hyder Pottoo

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution

Membership of Scientific and Professional Societies and Organizations

- Registered Pharmacist under JK state Pharmacy Council, India (Reg. No: 1478/R/Ba/TMA).

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1.	Pharmacology-I	PHTX 301/ Pharm. D 3rd yr	Course Co-coordinator



2.	Pharmacology-II	PHTX 307/ Pharm.D 3 rd yr	Course Co-coordinator
3.	Pharmacology-III	PHTX-401/ Pharm D 4 th yr	Course Co-coordinator
4.	Therapeutics-II	CLPH-407/ Pharm.D 4th yr	Course Instructor
5.	Pharmacology	MED-201/ MBBS 2nd yr	Course Instructor
6.	Pharmacology	MED-301/ MBBS 3rd yr	Course Instructor

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

Pharmacology-I (PHTX 301): The course aims to provide students with proper understanding of the basic principles of pharmacology, including pharmacodynamics, pharmacokinetics, and drugs used in the Autonomic nervous system and cardiovascular system.

Pharmacology-II (PHTX 307): This course aims to provide students with further education on pharmacological aspects of drugs working on central nervous system (such as anxiolytic agents, antidepressants, and antipsychotic agents), nonsteroidal anti-inflammatory agents, drugs used in rheumatoid arthritis, gout, drugs working on different endocrine disorders (pituitary, hypothalamic, and adrenal disorders, as well as corticosteroids, sex hormones). Drugs used in common respiratory disorders such as bronchial asthma and chronic obstructive airway disease, antitussive and mucolytic agents will be also included in this course.

Pharmacology-III (PHTX-401): This course deals with utilizing the pharmacokinetic (ADME) and pharmacodynamic (MOA) information of drugs to predict their therapeutic usage, adverse effects and interactions with herbs/food/other drugs to better justify their prescription in patient population. The scope of coverage would be drugs used in the treatment of ailments affecting the gastrointestinal system, and drugs used in infectious disease states and that for treatment and management of cancer.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	-----NA-----		



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

1	-----NA-----
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
1.	Pharmacology-I	Sep-18 to Jan-2019	Course Co-coordinator	Pharm . D 3rd yr			
2.	Pharmacology-III	Sep-19 to Jan-2020	Course Co-coordinator	Pharm . D 4 th yr			
3.	Pharmacology-II	Jan-2020 to Continuing	Course Co-coordinator	Pharm . D 3rd yr			

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Pharm D 5 th yr	05	Sep 2019	Ongoing
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Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date



Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
1	Pharm D	Molecular insights into the antiepileptic and neuroprotective effects of Phenytoin, Thymoquinone and their combinations in animal models of epilepsy	College of Clinical Pharmacy, IAU	Sep-2019 to June - 2020
2	Pharm D	Repurposing drugs for antibacterial and antifungal activities	College of Clinical Pharmacy, IAU	Sep-2019 to June - 2020

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

Administrative Responsibilities

#	From	To	Position	Organization
1.	Sep-2109	Continuing	Head-Examinations	College of Clinical Pharmacy, IAU

Committee Membership

#	From	To	Position	Organization
1	Sep-2018	Present	Member - NCAAA accreditation committee	College of Clinical Pharmacy, IAU
2	Sep-2019	Continuing	Member – Research committee	College of Clinical Pharmacy, IAU

Scientific Consultations

#	From	To	Institute	Full-time or Part-time



Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2019-	Continuing	Reviewer	Journal of Pharmacy Practice (Sage Publications)
2	2019-	Continuing	Review Editor	Frontiers in Neuroscience
3	2019-	Continuing	Review Editor	Frontiers in Neurology
4	2019-	Continuing	Review Editor	Frontiers in Pharmacology
5	2018-	Continuing	Reviewer	Drug Development Research (John Wiley & Sons, USA)
6	2018-	Continuing	Reviewer	Burns (Elsevier, Netherlands)
		Continuing	Reviewer	Current Neuropharmacology
7	2018-	Continuing	Associate Editor	Neurology & Neurotherapy Open Access Journal, Medwin publishers
8	2018-	Continuing	Associate Editor	Medical Journal of Clinical Trials & Case Studies, Medwin publishers

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

1	Microsoft Office; Blackboard ; Piazza; PowerPoint; Microsoft Access QuickBooks; Web and Social Skills; Graphic and Writing Skills
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Declaration:

I hereby declare that all above information is true and correct to the best of my knowledge and belief.

Dr. Faheem Hyder Pottoo

Research gate profile link: https://www.researchgate.net/profile/Faheem_Pottoo

Last Update

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