

FACULTY FULL NAME: Dr. FAZIL AHMAD

POSITION: Assistant Professor

Personal Data

Nationality |INDIAN

Date of Birth |16-08-1981

Department |Anesthesia Technology

Specialization| PHARMACOLOGY

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 <https://www.researchgate.net/profile/Dr-Ahmad-7>

 <https://loop.frontiersin.org/people/1654588/overview>

 <https://iabfu.academia.edu/DrFazilAhmad>

 <https://www.scival.com/overview/summary?uri=Customer/703099/Researcher/12685530>

 World Scientist and University Rankings 2024:

<https://www.adscientificindex.com/scientist/fazil-ahmad/296602>



Language Proficiency

Language	Read	Write	Speak
Arabic	✓	-	-
English	✓	✓	✓
Urdu, Hindi and Telugu	✓	✓	✓

Academic Qualifications

Date	Academic Degree	Place of Issue	Address
Aug 2015	Ph.D (Pharmacology Specialization)	Jawaharlal Nehru Technical University, Hyderabad, India	Hyderabad, India,
May 2007	Master of Pharmacy (Pharmacology Specialization)	Annamalai University, Tamilnadu, India	Tamilnadu, India



May 2005	Bachelor of Pharmacy	Shadan College of Pharmacy, Jawaharlal Nehru Technical University	Hyderabad, India
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PhD, Master, or Fellowship Research Title:

PhD	Phytochemical and Pharmacological Evaluation of Selected Medicinal Plants for Hepatoprotective and Antioxidant Activities
Master	Hepatoprotective activity of <i>Melia azedarach</i> leaf extract against paracetamol induced Hepatic damage in rats
Fellowship	-

Professional Record:

Job Rank	Place and Address of Work	Date
Working as Assistant Professor in Department of Anesthesia Technology	College of Applied Medical Sciences in Jubail, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia	From Dec 2018 to till Date
Worked as Lecturer in Department of Anesthesia Technology	College of Applied Medical Sciences in Jubail, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia	From Oct 2017 to Dec 2018
Worked as Associate Professor in Department of Pharmacology	Nizam Institute of Pharmacy, Jawaharlal Nehru Technical University, Hyderabad, India	From June 2012 to till Sep 2017
Worked as Assistant Professor in Department of Pharmacology	Nizam Institute of Pharmacy, Jawaharlal Nehru Technical University, Hyderabad, India	From June 2008 to June 2012
Worked as Assistant Professor in Department of Pharmacology	Maheshwara Institute of Pharmacy, Jawaharlal Nehru Technical University, Hyderabad, India	From Oct 2007 to June 2008.

Subjects Handle (UG and PG):

- 1 Pharmacology
- 2 Clinical Pharmacy and Therapeutics
- 3 Clinical Pharmacology and Pharmacotherapeutics
- 4 Screening Methods and Clinical Research
- 5 Human Anatomy and Physiology
- 6 Health Education
- 7 Advance Pharmacology and Toxicology
- 8 Pharmacotherapeutics



Research Guide:

Guided for B. Pharm, M. Pharm and PhD students in their research (2007 to 2017).

- 1 **Guided 42 B.Pharmacy Students** for their Academic Projects of JNTUH University, Hyderabad, India
- 2 **Guided 26 M.Pharmacy Students** for their Academic Projects of JNTUH University, Hyderabad, India
- 3 Guided 6 PhD Students of Annamalai University, India.

Research Interests:

- Pharmacology of natural products
- Natural product drug discovery for metabolic diseases (diabetes, dyslipidemia)
- Hepatoprotective medicine (natural approaches to liver diseases)
- Anti-inflammatory drug discovery
- Natural antioxidants
- Gastrointestinal disorders (antiulcer activity)
- Cancer and fibroid treatment using natural products

Project Experience:

- Anti-diabetic activity
- Hepatoprotective activity
- Anti-inflammatory activity
- Hypolipidemic activity
- Antioxidant activity
- Antiulcer, Anticancer and Anti-fibroid Activity

Scientific Achievements

Published Refereed Scientific Research

S.N O	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Adel Ibrahim, Jamal Mohamed, Fazil Ahmad , Mohamed El-Sherbiny, Mohammed Al Mohaini, Yahya Alrashdi, Mamdouh Eldesoqui, Amal Dawood, Ateya Ibrahim, Sami El Deeb	Optimization and Characterization of Quercetin-loaded Solid Lipid Nanoparticles for Biomedical Application in Colorectal Cancer	<i>Cancer Nanotechnology</i> , 2024
2	Karthick Vasudevan*, Raghavendra B, Mithun A1, Dhanushkumar T, Fazil Ahmad , Manoj Goyal, Monika Bansal, Tasneem Mohammed, Riyaz Ahmed Khan, Gayathri Pandurangam, George	Integrated RNA-sequencing and network analysis approach to identify	<i>Journal of Pharmacy & Pharmacognosy</i> 2023



	Priya Doss*, Balu Kamaraj, Gurudeeban Selvaraj	the Hub genes and vital pathways associated with gastric cancer	
3	Fazil Ahmad* , Krishna Mohan Surapaneni, Abeer Mohammed Al-Subaie, Balu Kamaraj	Insight into Ethnopharmacology of Quercus Infectoria with the possible mechanism of action	<i>Research Journal of Pharmacy and Technology, 2023</i>
4	Chitra Karthikeyini Senthivel, Kavitha Karuppaiyan, Fazil Ahmad , Jamal Moideen Muthu Mohamed	Terminalia chebula loaded polymeric nanoparticles: a preliminary approach for status epilepticus	<i>Chemical Papers, 2023</i>
5	Fazil Ahmad , J. Muthu Mohamed, Mohammed Gayasuddin, Nawaf Al Anazi, Rasheed Ahemad Shaik, Shoug Yousef Al Humoud, Doaa Ahmed Ebrahim Radwan, Aida M. El-Sagheer	Molecular docking and In vivo gastroprotective effect of Salvia fruticosa	<i>Research Journal of Pharmacy and Technology, 2023</i>
6	Ali Alqahtani, Bhavana Raut, Shagufta Khan *, Jamal Moideen Muthu Mohamed, Adel Al Fatease, Taha Alqahtani, Ali Alamri, Fazil Ahmad and Venkatesan Krishnaraju	The Unique Carboxymethyl Fenugreek Gum Loaded Itraconazole Self-Emulsifying Nanovesicles Gel for systemic onychomycosis treatment	<i>Polymers 2022</i>
7	Ramajayam Govindan *, Mohamed El-Sherbiny, Khalid Mohamed Morsy Ibraheem, Srinivasan N, Mohamed EL-Dosoky Mohamed Salama, Fazil Ahmad , Selvaraj Jayaraman * et al.,	Thyroid Stimulating Hormone Favors Runx2 Mediated Matrix Mineralization of Human Osteoblast Like Cells: An In Vitro and In Silico Approach	<i>Molecules 2022</i>
8	Jamal Moideen Muthu Mohamed, Fazil Ahamad , Mohamed El-Sherbiny , Hasnaa Ali Ebrahim , Mohamed Ahmed Eladl, Amal F. Dawood, S. T. Sheik Abdul Khader, Karuppaiyan Kavitha , and Dawit Mamiru Teresa	An Ideal Approach for Enhancing 5-Fluorouracil Anticancer Efficacy by Nanoemulsion for Cytotoxicity against a Human Hepatoma Cell Line (HepG2 Cells)	<i>BioMed Research International Volume 2022</i>
9	Premalatha Paulsamy, Krishnaraju Venkatesan , Shadia Hamoud Alshahrani, Fazil Ahmad , Mohamed El-Sherbiny, Vani Manoharan,	Alternate Warm and Cold Therapy (AWCT) on Uricemia, Sleep, Pain, Functional Ability, and	<i>Journal of Healthcare Engineering (Hindawi) 2022</i>



	Kalaiselvi Periannan, RashaElsayed Ahmed, Kousalya Prabahar, and Dawit mamiru teressa	Quality of Life (USPFQoL) in Patients with Gout: A Path Forward	
¹	Jamal Moideen Muthu Mohamed , Karuppaiyan Kavitha, Fazil Ahmad , Mohamed El Sherbiny , Doaa Ebrahim, Aida M. EL-Sagheer, Hasnaa Ali Ebrahim , Dalia Mahmoud Abdelmonem Elsherbini, Mosaab Abdella Ebrahim Abdelrahman , and Minilu Dejene	Curcumin Plant for Colorectal Cancer Prediction and Prevention Using In Silico Molecular Analysis; HOT-MELT Extrusion	<i>Evidence-Based Complementary and Alternative Medicine</i> 2022
¹	Jamal Moideen Muthu Mohamed , Ali Alqahtani, T.V. Ajay Kumar, Adel Al Fatease, Taha Alqahtani, V. Krishnaraju, Fazil Ahmad , Farid Mena, Ranjini Muthumani, R. Vijaya.	Superfast Synthesis of Stabilized Silver Nanoparticles using Aqueous Allium sativum (Garlic) Extract and Isoniazid hydrazide conjugates: Molecular Docking and In-vitro Characterizations	<i>Molecules</i> , 2022
¹	Fazil Ahmad , Balu Kamaraj, Jamal Moideen Muthu Mohamed, Doaa Ebrahim, Shoug Yousif Al Humoud, Aida Mohammed El-Sagheer, Amina Sabry Abdalghaffar Emam	ETHNOPHARMACOLOGICAL AND PHYTOCHEMICAL STUDY OF MAJOR SPECIES FROM LABIATAE FAMILY IN SAUDI ARABIA: A SYSTEMATIC REVIEW	<i>International Journal of Applied Pharmaceutics</i> 2022
¹	Fazil Ahmad	APPLICATION OF 3 ² CENTRAL COMPOSITE DESIGN FOR THE FORMULATION OF RAPID SOLUBLE ORODISPERSIBLE FILM OF DIPYRIDAMOLE	<i>International Journal of Applied Pharmaceutics</i> 2022
¹	Jamal Moideen Muthu Mohamed *, Ali Alqahtani, Barkat A. Khan, Adel Al Fatease, Taha Alqahtani, Krishnaraju Venkatesan, Fazil Ahmad , Bashar I. Alzghoul and Ali Alamri	Preparation of soluble complex of curcumin for the potential antagonistic effects on human colorectal adenocarcinoma cells	<i>Pharmaceuticals</i> 2021
¹	Mohamed, J. M. M. ., Ahmad, F. . , Alqahtani, A. ., lqahtani, T. ., Raju, V. K. ., & Anusuya, M	"Studies on preparation and evaluation of soluble 1:1 Stoichiometric curcumin	<i>TRENDS IN SCIENCES</i> , 2021



		inclusion complex for colorectal cancer treatment"	
1	Syed Wajid*, Sana Samreen , Suhair Saleh Alsaleh , Suha Saleh Al-Saleh , Aidah Abdul-Aziz AlRammah, Fazil Ahmad , Mohamed N AL Arifi and Abdulrahman Alwhaibi	Assessing Clinical Knowledge and Practice towards COVID-19 – A Cross Sectional Community Study	<i>J Young Pharm, 2021</i>
1	Rasheed Ahemad Shaik1*, Fazil Ahmad and Mohammed Abdul Aleem	Antinociceptive and Anti-Inflammatory Activities of Ethanolic Stem Bark Extract of Smilax zeylanica Linn. in Wistar Rats	<i>Journal of Pharmaceutical Research International 33(33B): 103-113, 2021;</i>
1	J. Muthu Mohamed, Ali Alqahtani, Fazil Ahmad , V. Krishnaraju, K. Kalpana	Pectin co-functionalized Dual Layered Solid Lipid Nanoparticle made by soluble curcumin for the targeted potential treatment of colorectal cancer	<i>Carbohydrate Polymers, 2021</i>
1	Muthu Mohamed J, Fazil Ahmad , Narra Kishore, Abeer M. Al-Subaie	Soluble 1:1 stoichiometry curcumin binary complex for potential apoptosis in human colorectal adenocarcinoma cells (SW480 and Caco-2 cells)	<i>Research Journal of Pharmacy and Technology, 2021</i>
2	Balu Kamaraj, Abeer Mohammed Al-Subaie, Fazil Ahmad , Krishna Mohan Surapaneni & Khaldoon Alsamman	Effect of novel leukemia mutations (K75E & E222K) on interferon regulatory factor 1 and its interaction with DNA: insights from molecular dynamics simulations and docking studies	<i>Journal of Biomolecular Structure and Dynamics, 2020</i>
2	Abdulmajeed M MOBRAD, Fazil AHMAD , Suha Al SALEH, Aidah Abdul Aziz Al RAMMAH, Wajid SYED & Sana SAMREEN	Unused and Expired Medicines: Investigating the Knowledge and Practice of General Community	<i>Latin American Journal of Pharmacy, 2020</i>
2	Inshah Ahmed, Nishat Ahmed, Saleha Ahmed, Dr. Fazil Ahmad , Dr. Abeer Mohammed Al-Subaie	Effect of Emblica Officinalis (Amla) On Monosodium Glutamate (Msg) Induced Uterine Fibroids in Wistar Rats	<i>Research Journal of Pharmacy and Technology, 2020</i>
2	Mohammed akhtar sultana, Dr. Mangal kethavath, Dr Fazil Ahmad, Dr. Abeer M. Al-Subaie.	Formulation Development and In vitro Evaluation of Elvitegravir Sustained Release Using Solid Dispersions	<i>Research Journal of Pharmacy and Technology, 2020</i>



2	Fazil Ahmad , Abeer Mohammed Al-Subaie , Rasheed Ahemad Shaik , J. Muthu Mohamed and Abdul Saleem Mohammad	Phytochemical and Pharmacological Screening for Antidiabetic Activity of <i>Salvia aegyptiaca</i> L Ethanolic Leaves Extract	<i>Journal of Pharmaceutical Research International</i> , 2020
2	Dr. Fazil Ahmad , Dr. Abeer Mohammed Al-Subaie, Dr. Mohammed Gayasuddin, Dr. J. Muthu Mohamed and Dr. V. Krishnaraju	Review on the Medicinal uses and Pharmacological aspects of <i>Plectranthus tenuiflorus</i> from the Labiatae family of Saudi Arabia	<i>International Journal of Pharmaceutical Sciences Review and Research</i> , 2020
2	Muthu Mohamed Jamal Moideen, Ali Alqahtani, Venkatesan, Fazil Ahmad , Kalpana Krishnaraju, Mohammed Gayasuddin, Rasheed Ahemad Shaik, Khalid Mohamad Morsy Ibraheem, Mohamed EL-dosoky Mohamed Salama, Sally Yussef Abed	Application of the Box-Behnken Design for the Production of Soluble Curcumin: Skimmed Milk Powder Inclusion Complex for Improving the Treatment of Colorectal Cancer	<i>Food Science & Nutrition</i> , 2020
2	Jamal Moideen Muthu Mohamed, Ali Alqahtani, Fazil Ahmad , V Krishnaraju, K Kalpana	Stoichiometrically Governed Curcumin Solid Dispersion and Its Cytotoxic Evaluation on Colorectal Adenocarcinoma Cells Drug Design, Development and Therapy	<i>Drug Design, Development and Therapy</i> , 2020
2	Afroz Mehdi, Dr. Fazil Ahmad	Nephroprotective Activity of <i>Acorus Calamus</i> Leaves Extract Against Lithium Induced Nephrotoxicity in Wistar Rats	<i>Indo American Journal of Pharmaceutical Sciences</i> , 2018
2	Dr. Hibba tul Ala, Dr. Fazil Ahmad	Evaluation of efficacy and safety of pirfenidone in patients with idiopathic pulmonary fibrosis	<i>International Journal of Creative Research Thoughts</i> , 2018
3	Dr. Nisa Firdous, Dr. Fazil Ahmad	Evaluation of incretin-based therapies in patients with type ii diabetes mellitus	<i>International Journal of Creative Research Thoughts</i> , 2018
3	Fazil Ahmad , Abeer Mohammed Al-Subaie	Phytochemical and Nephroprotective Activity of <i>Eclipta prostrata</i> against Gentamicin Induced Nephrotoxicity in Wistar Rats.	<i>International Journal of Pharma Research and Health Sciences</i> , 2018
3	Syed Shah Abdus Salaam, Dr. Fazil Ahmad	The Phytochemical Investigation, Isolation and Evaluation Of Anti- Parkinsonian Activity of Rhizome of Delphinium Denudatum Wall In Rats	<i>European journal of biomedical and pharmaceutical sciences</i> , 2018
3	Dr. Ramidi Prasanna, , Dr. Fazil Ahmad	Incidence and Risk Factors of Carotid Disease in Patients Undergoing Coronary Artery Bypass Surgery.	<i>European journal of biomedical and pharmaceutical sciences</i> , 2018



3	Mohsina Abid, Dr. Fazil Ahmad	Enhancement of Dissolution Rate of Meloxicam Using Super Disintegrating Agents and Solid Dispersion Technique	<i>European journal of biomedical and pharmaceutical sciences</i> ,2018
3	Rasheed Ahemad S, Fazil Ahmad	Antidepressant-like activity of <i>Smilax zeylanica</i> linn in behavioral despair tests in mice.	<i>European Journal of Pharmaceutical and Medical Research</i> ,2016
3	Dr. Fazil Ahmed	Simultaneous determination of phenolic compounds in <i>Brassica oleracea L.var capitata</i> . by high-performance liquid chromatography;	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> ,2014
3	A.Srinivasa Rao, Mohammed Fazil Ahmed;	Simultaneous determination of phenolic compounds in <i>Catharanthus roseus</i> leaves by HPLC method	<i>International Journal of Pharmaceutical Sciences and Research</i> ,2014
3	Mohammed Fazil Ahmed	Phytochemical screening and anti-ulcer activity of <i>Trachyspermum ammi</i> (Ajwain)	<i>Annals of Drug discovery and Biomedical Research</i> ,2014
3	Mona Abid, M. Fazil Ahamed , Anjum Aara and Mohammed Ibrahim.	Phytochemical and Hepatoprotective activity of Fruit Extracts of <i>Luffa acutangula</i> Roxb Var.amara.	<i>Journal of Medical and Pharmaceutical Innovation</i> ,2014
4	Mohammed Fazil Ahmed	Phytochemical and In-Vitro Antioxidant Activities of <i>Melia azedarach</i> Linn, <i>Catharanthus Rosea</i> and <i>Brassica oleracea L.var.capitata</i>	<i>Indian Journal of Applied Research</i> ,2013
4	Mohammed Fazil Ahmed	Comparative In vivo antioxidant activities of selected medicinal plants	<i>International Journal of Research in Pharmaceutical and Biomedical Sciences</i> ,2013
4	A. Srinivasa Rao, Mohammed Fazil Ahmed	Simultaneous estimation of quercetin and rutin in ethanolic extract of <i>Catharanthus roseus</i> . Linn leaves by HPTLC method	<i>Global Research Analysis</i> ,2013
4	Mohammed Fazil Ahmed	Estimation of rutin in ethanolic extract of <i>Brassica oleracea L.var capitata</i> . leaves by HPTLC method	<i>International Journal of Scientific Research</i> ,2013
4	A Srinivasa Rao, Mohammed Fazil Ahmed.	Phytochemical evaluation and hepatoprotective activity of <i>Catharanthus rosea</i> against simvastatin-induced hepatotoxicity in rats.	<i>International Journal of Advances in Pharmacy Medicine and Bioallied Sciences</i> ,2013
4	Mohammed Fazil Ahmed	Comparative Hepatoprotective Activities of Selected Indian Medicinal Plants	<i>Global Journal of Medical Research</i> ,2013



4	A. Srinivasa Rao, Mohammed Fazil Ahmed	Simultaneous estimation of quercetin and rutin in ethanolic extract of Melia azedarach. Linn leaves by HPTLC method	<i>Asian Journal of Biomedical and Pharmaceutical Sciences</i> ,2013
4	Mohammed Fazil Ahmed	Simultaneous Determination of Phenolic Compounds in Melia Azedarach. Linn Leaves by High-Performance Liquid Chromatography.	<i>Indian Journal of Applied Research</i> ,2013
4	Rasheed Ahemad.S, Fazil Ahmed Mohammed	Evaluation of antioxidant potential of <i>Smilax zeylanica</i> Linn. in reversing haloperidol induced catalepsy in rats.	<i>International journal of pharmacy and pharmaceutical Sciences</i> ,2012
4	Mohd Abdul Irfan, Fazil Ahmed	Hepatoprotective activity of <i>Leucas aspera</i> Spreng against simvastatin induced hepatotoxicity in rats.	<i>Annals of Phytomedicine</i> ,2012
5	Meesala Srinivasa Rao, Mohammed Fazil Ahmed,	Evaluation of protective effect of <i>Sapindus mukorossi</i> saponin fraction on CCL4 induced acute hepatotoxicity in rats	<i>Clinical and experimental gastroenterology</i> ,2012
5	Fazil Ahmed	Phytochemical Studies and Hepatoprotective activity of <i>Melia azedarach</i> Linn, against CCL4 induced Hepatotoxicity in rats.	<i>Journal of pharmacy research</i> , ,2012
5	Mohammed Fazil Ahmed	Phytochemical Studies and Antioxidant Activities of <i>Brassica Oleracea</i> L.Var.Capitata	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> ,2012
5	Mohammed Fazil Ahmed	Phytochemical Studies and Antioxidant Activity of <i>Melia Azedarach</i> Linn Leaves by DPPH Scavenging Assay	<i>International Journal of Pharmaceutical Applications</i> ,2012
5	A.Srinivasa Rao, Mohammed Fazil Ahmed	Hepatoprotective activity of <i>Melia azedarach</i> leaf extract against simvastatin induced Hepatotoxicity in rats.	<i>Journal of Applied Pharmaceutical Science</i> , 2012
5	Mohammed Fazil Ahmed	Protective Effect of <i>Brassica oleracea</i> L. var. <i>capitata</i> against simvastatin induced Hepatotoxicity in rats	<i>Research Jr of Pharmaceuticals</i> ,2012
5	Abdul Hameed Thayyil, Mohammed.Fazil Ahmed,	Hypolipidemic Activity of <i>Luffa Aegyptiaca</i> Fruits in Cholesterol Fed Hypercholesterolemic Rabbits.	<i>International Journal of Pharmaceutical Applications</i> ,2011
5	Mohammed Fazil Ahmed,	Role of <i>Melia azedarach</i> leaf extract in Paracetamol Induced Hepatic damage in rats.	<i>Pharmacognosy. Journal</i> ,2011
5	Rasheed Ahemad.S, Fazil Ahmed Mohammed	Evaluation of toxicological and antioxidant potential of	<i>International Journal of General</i>



		<i>Nardostachys jatamansi</i> in reversing haloperidol induced catalepsy in rats.	<i>Medicine</i> ,2010
5	Mohammed Fazil Ahmed	Antidiabetic Activity of <i>Vinca rosea</i> Extracts in Alloxan-Induced Diabetic Rats.	<i>International Journal of Endocrinology</i> ,2010
6	Mohammed Fazil Ahmed	Anti-ulcer activity of <i>cassia auriculata</i> leaf Extract.	<i>Pharmacognosy Journal</i> ,2010
6	Rasheed Ahemad.S, Fazil Ahmed	Effect of hydro alcoholic root extract of <i>Nardostachys Jatamansi</i> on haloperidol Induced Parkinsonism in Wister rats	<i>Pharmacology online</i> ,2009
6	Hulikere Ananth Pradeep, Fazil Ahmed	Hepatoprotective evaluation of <i>Anogeissus latifolia</i> : In vitro and In Vivo Studies.	<i>World Journal of Gastroenterology</i> ,2009
6	Mohd. Fazil ahmed,	Antioxidative Activity of <i>Melia azedarach</i> Linn Leaf Extract	<i>Iranian Journal of Pharmacology & Therapeutics</i> ,2008

Refereed Scientific Research Papers Accepted for Publication (Peer reviewed publications)

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1.	Abeer Mohammed Al-Subaie, Balu Kamaraj, Fazil Ahmad , Khaldoon Alsamman	Unraveling the molecular mechanism of novel leukemia mutations on NTRK2 (A203T & R458G) and NTRK3 (E176D & L449F) genes using molecular dynamics simulations approach	F1000Research	28 Mar 2023
2.	Fazil Ahmad , Surapaneni Krishna Mohan, Abeer Mohammed Al-Subaie, Balu Kamaraj.	Anti-proliferative activity and Apoptotic induction of tannins extracted from <i>Quercus infectoria</i> on Oral cancer KB cell lines	Journal of Applied Pharmaceutical Science	10-02-2024

Book Chapters:

1. J. Muthu Mohamed, Ali Alqahtani, Adel Al Fatease, **Fazil Ahmad**, V. Krishnaraju, Barkat Ali Khan. Chapter 9 - Solid lipid nanoparticles: the enhanced and targeted potential treatment of colorectal cancer, *Nanotechnology Principles in Drug Targeting and Diagnosis* DOI: <https://doi.org/10.1016/B978-0-323-91763-6.00006-0> , 2023, Elsevier (ScienceDirect).



2. J. Muthu Mohamed, Ali Alqahtani, Adel Al Fatease, **Fazil Ahmad**, V. Krishnaraju, Barkat Ali Khan Chapter 12-Nanocarriers: the enhanced potential treatment of age-related macular degeneration. Nanotechnology Principles in Drug Targeting and Diagnosis DOI: <https://doi.org/10.1016/B978-0-323-91763-6.00018-7> , 2023, Elsevier(ScienceDirect).
3. Chromatographic Analysis Technique for the Determination of Phenolic Compounds in Brassica oleracea L.var capitata. Book Name: Challenges and Advances in Pharmaceutical Research. **Fazil Ahmad** and Jamal Moideen Muthu Mohamed. B.P International. 2022. <https://stm.bookpi.org/CAPR-V8/article/view/8494>

Patents (National and International)

- A Machine Learning Systems for predicting the Cancer. J. Muthu Mohamed, **Fazil Ahmad**, Krishnaraju Venkatesan, et al. www. ipindiaonline.gov.in, No. EMP/E-1/29959/2021-MUM. Page no. 31610
- Artificial Intelligent Based Drug Delivery System for Kidney-Related Ailments. J. Muthu Mohamed, Krishnaraju Venkatesan, **Fazil Ahmad** et al., www. ipindiaonline.gov.in, 2021, No. TEMP/E1/30564/2021-CHE. Page no.29515.
- Anti-proliferative activity and Apoptotic induction of tannins. Funded by Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University (Grant No. 2019- 162-AMSJ), Dammam, Saudi Arabia. The project had published for US Patent with Application No:17/569.182. **Fazil Ahmad**, Surapaneni Krishna Mohan, Abeer Mohammed Al-Subaie, Balu Kamaraj, 2023

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Mohammed Ibrahim, Mohammed Fazil Ahmed	Hepatoprotective activity of <i>Melia azedarach</i> leaf extract against paracetamol induced Hepatic damage in rats.	<i>Proceedings of the British Pharmacological Society</i> . 040P University of Manchester EPHAR 2008 Congress, 2008

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
	Principal Investigator 1. Balu Kamaraj Co- Investigators 2. Fazil Ahmad 3. Khaldoon Alsamman	Differentially expressed genes (DEGs) analysis on Leukemia Saudis population to identify the potential biomarkers by Bioinformatics approach. IAU Funded project, Application Number: 2019-162-AMSJ	



4.Abeer Mohammed Al-Subaie		
5. Surapaneni Krishna Mohan,		

Current Researches

#	Research Title	Name of Investigator(s)
1	Anti-proliferative activity and Apoptotic induction of tannins extracted from Quercus infectoria on Oral cancer KB cell lines IAU Funded project, Application Number: 2019-165-AMSJ Patented Research	Principal Investigator 1.Fazil Ahmad Co- Investigators 2.Surapaneni Krishna Mohan, 3.Abeer Mohammed Al-Subaie, 4. Balu Kamaraj

Scientific Activities			
Conferences, Seminars & Workshops Attended			
#	Title	Place and Date of the Conference	Extent of Contribution
Conferences, Seminars			
1.	Two-day international conference on FRONTIERS OF CHEMICAL SCIENCES-2023	Organised by SIDVI FOUNDATION on 23 rd and 24 th Aug 2023. Vishakapatnam, AP, India	Keynote
2.	PHARMABIST-2022: International conference on	Pharmacy Seminar Hall, Faculty of Pharmacy, Bharath Institute of Higher Education and Research (BIHER). Tambaram, TN, India 12 Sep 2022	poster
3.	SYNCHROPHARMA-2017, National Interdisciplinary Conference on	SULTAN-UL-ULOOM COLLEGE OF PHARMACY, Hyderabad, India, 04-03-2017	keynote
4.	International conference on the use of national medicine policy and biostatistics in pharmaceutical sciences	PULLA REDDY INSTITUTE OF PHARMACY, Near Dundigal Air Force Academy, Hyderabad, India. 28-09-2016	keynote
5.	National symposium on recent developments in pharmaceutical sciences and technology	Organized by Science -Tech Foundation, Bengaluru in association with Dept of Pharmacy, University College of Technology, Osmania	poster



		University,Hyderabad,India, 27-12-2013	
6.	Universal Perception of Pharmaceutical Research & Development- INNOVATE-13	Pulla Reddy Institute of PharmacyMedak,Hyderabad,India, 03-09-2013	oral
7.	INNOVATE-13 (Universal Perception of Pharmaceutical Research & Development	Pulla Reddy Institute of PharmacyMedak,Hyderabad,India, 04-09-2013	keynote
8.	Fifth international Conference on “Laboratory Animals Medicine and Management”	organised by LISA and CPCSEA at ITC Fortune Manohar,Hyderabad,India, 07-02-2013	keynote
9.	A national seminar on”Recent advances in drug development and pharmacotherapeutics approaches for diabetes and other metabolic disorders”	MESCO COLLEGE OF PHARMACY, HYDERBAD, INDIA, 24-02-2013	keynote
10.	Preparing Pharmacists forThe Global Challenges & Emerging Opportunities In Clinical Research & Novel Drug Delivery Systems	MALLA REDDY INSTITUTE OF PHARMACEUTICAL SCIENCES, SECUNDERABAD,INDIA on 14th &15th Sep 2012	keynote
11.	Current Trends in Pharmacy Education, Profession and	Research BHASKAR COLLEGE OF PHARMACEUTICAL SCIENCES, HYDERABAD,INDIA on 24th &25th Aug 2012	poster
12.	National Conference on Nano Science, Nano Engineering & Applications (NCONSEA-2021)	Center for Nano Science & Technology, Institute of Science & Technology, JNTUH,Kukatpally,Hyderabad,India, held on 27th & 28th April 2012. Best Poster Presentation certificate	poster
13.	RECENT TRENDS IN REPRODUCTIVE HEALTH RESEARCH(ISSRF 2008)	OWAISI HOSPITAL & RESEARCH CENTRE, DECCAN MEDICAL COLLEGE OF MEDICAL SCIENCES,HYDERABAD,INDIA, on 20th -22th Feb 2008	poster
	Workshops		
14.	Principle of Questions writing	Deanship of Academic Development, Imam Abdulrahman Bin Faisal University. 8 Feb 2022	Attended



15.	Questioning to Develop Higher-Order Thinking Skills	Deanship of Academic Development at Imam Abdulrahman bin Faisal University, 12 Sep 2023	Attended
16.	Using Multiple Choice Items To test Higher-order thinking skills	Deanship of Academic Development, Imam Abdulrahman Bin Faisal University. 01 Feb 2022	Attended
17.	التدريس الجامعي في ضوء متطلبات التنمية و سوق العمل ومهارات القرن 2	Deanship of Academic Development, Imam Abdulrahman Bin Faisal University. 13 محرم 1442	Attended
18.	Adobe Photoshop	Human Resources Dept in Jubail, Royal Commission for Jubail & Yanbu 14/12/2020- - 17/12/2020	Attended
19.	Microsoft Excel	Advanced Human Resources Dept in Jubail, Royal Commission for Jubail & Yanbu 30/11/2020- 03/12/2020	Attended
20.	التدريس الجامعي الفعال في ضوء نظريات التعلم	Deanship of Academic Development, Imam Abdulrahman Bin Faisal University. 14 محرم 14 بتاريخ	Attended
21.	Neuroscience of Learning: Implications for teaching practice	Deanship of Academic Development, Imam Abdulrahman Bin Faisal University. 04 February 2020	Attended
22.	Effective Strategies for Team-Based Learning	Deanship of Academic Development, Imam Abdulrahman Bin Faisal University. 05 November 2019	Attended
23.	Using PubMed as a search engine for medical literature	Deanship of Library Affairs, Imam Abdulrahman Bin Faisal University. 12-11 -2019	Attended
24.	Students Learning Styles	Deanship of Academic Development, Imam Abdulrahman Bin Faisal University. 24 Sep 2019	Attended
25.	As recognition for participating in the development of (Pharmacology) Electronic Course-(Certificate of Appreciation)	Dean of Deanship of E-Learning & Distance Learning, 27-5-2021	Certificate of Appreciation
26.	As recognition for participating in the development of (General Pharmacology and Pharmacology for Anesthetic Practice) Electronic Courses-(Certificate of Appreciation)	Dean of Deanship of E-Learning & Distance Learning, 27-5-2021	Certificate of Appreciation



27.	Essence of Indian Traditional Knowledge-(Certificate of Appreciation)	Department of Sciences, Humanities and Management, DECCAN COLLEGE OF ENGINEERING AND TECHNOLOGY, Darussalam, Nampally, Hyderabad-500001-INDIA, 02-09-2020	Attended
28.	THE COVID-19 AWARENESS QUIZ-(Certificate of Appreciation)	PANNAI COLLEGE OF PHARMACY, Trichy - Dindugal Rd, Mullipadi, Tamil Nadu 624005, India 16-06-2020	Attended
29.	How To Get Published In High Quality Journals	Deanship of Library Affairs, Imam Abdulrahman Bin Faisal University, 19-03-2019	Attended
30.	Building Researchers Connection For Research Visibility and Advancement	Deanship of Library Affairs, Imam Abdulrahman Bin Faisal University, 02-04-2019	Attended
31.	Using Britannica academic for interactive teaching in your class	Deanship of Library Affairs, Imam Abdulrahman Bin Faisal University, 27-11-2018	Attended
32.	Searching & citing in Google	Deanship of Library Affairs, Imam Abdulrahman Bin Faisal University, 17-04-2018	Attended
33.	Researcher ID & ORCID	Deanship of Library Affairs, Imam Abdulrahman Bin Faisal University, 19-03-2018	Attended
34.	Faculty Development Programme	Nizam group of institutions and NPTEL at Nizam Institute of Engineering & Technology Campus, Deshmuki, Hyderabad, 19-09-2013	Attended
35.	Why Editors Why Editors' Are Rejecting My Research Paper	Deanship of Library Affairs, Imam Abdulrahman Bin Faisal University 26-11 -2019	Attended
36.	Preventing Faculty Burnout: Recover the Joy of Teaching	Deanship of Academic Development at Imam Abdulrahman bin Faisal University 25 Oct 2022	Attended

Membership of Scientific and Professional Societies and Organizations

1. International Association of academic plus corporate (IAAC): Membership Unique Identity Number-FRTJQC-CE002494, Date: 25-09-2022
2. Scholars Academic and Scientific Society: Fellow Membership (FSASS) with Membership IDSAS/FSASS/538/2022, Date: 30-09-2022

Editorial Commitments



1	Frontiers in Medicine, Date:1444/02/01
2	International Journal of TROPICAL DISEASE & Health,Date: 1444/02/02
3	Review Editor for Precision Medicine, Frontiers in Medicine. https://loop.frontiersin.org/people/1654588/overview ,Date 27 Jan 2022
4	International Journal of Biochemistry Research & Review,Date: 24-Jun-2022
5	Journal of Molecular Recognition,Date: 4 March 2022
6	Process Biochemistry,Date: 22-6-2021
7	Pharmacological Research - Modern Chinese Medicine,Date: Mon 1/3/2022

Community Services	
1	“HAPPY MINDS HAPPY LIVES” “EMPOWERING OURSELVES” Community service activity , 10am-12pm at RC:C-56,AT:C-55 College of Applied Medical Sciences in Jubail, 23-03- 2022
2	World sleep day Community service activity: QualitySleep,Sound Mind, Happy world 9am-3pm at at Royal Commission Hospital , Jubail College of Applied Medical Sciences in Jubail 23-03- 2022
3	Social Responsibility bank Community service activity 9 to 10am College of Applied Medical Sciences in Jubail 15-02- 2021
4	World Quality Day Community service activity 10 to 12am College of Applied Medical Sciences in Jubail 16-11- 2021
5	"Respiratory Care Week" Community service activity,[Theme: Competent Skills,Excellent Care] 10AM - 2PM Conducted by RC Department (CAMSJ) sponsored by the Saudi Society for RC Location: Galleria Mall, Jubail: 8th - Nov. - 2022
6	World Anesthesia Day” program, held from 10 AM – 2 PM, Tuesday 17-10-2023, organized by the Department of Anesthesia Technology at the College of Applied Medical Sciences in Jubail and held at King Fahd Specialist Hospital in Dammam
7	” World Anesthesia Day” organized by the Department of Anesthesia Technology at the College of Applied Medical Sciences in Jubail and held at Jubail General Hospital Date: November 28, 2023.Time: 10 a.m. to 2 p.m

Awards

- Best lecturer awards on Annual day from Maheshwara Institute of Pharmacy, Hyderabad, India 2008.
- Best Poster Presentation Award on paper entitled” Phytochemical Studies and Hepatoprotective activity of *Melia azedarach* Linn, against CCl₄ induced hepatotoxicity in rats”.National Conference on Nano Science.NCONSEA-12, 27th & 28th April 2012.Institute of Science and Technology,JNTUH.India

Teaching Activities



Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	General Pharmacology, for Anesthesia Technology Program	PHARM 215 Sem I	45, Lectures at College of Applied medical sciences in Jubail
2	Respiratory Pharmacology, for Respiratory care Program	PHARM 312R Sem I	45, Lectures at College of Applied medical sciences in Jubail
3	Pharmacology, for Neuroscience Technology Program	PHARM 222 Sem II	45, Lectures at College of Applied medical sciences in Jubail
4	Pharmacology for Anaesthetic Practice, for Anesthesia Technology Program	PHARM 225 Sem II	30, Lectures at College of Applied medical sciences in Jubail

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

Respiratory Pharmacology, Taught for Respiratory care Program, RESP 312R
General Pharmacology, Taught for Anesthesia Technology Program, PHARM 215
Pharmacology for Anesthesia Practice, Taught for Anesthesia Technology Program, PHARM 225
Pharmacology, Taught for Neuroscience Technology Program, PHARM 222

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	AT level 8	5	Aug 2023	June 2024
2	AT level 8	11	Aug 2022	June 2023
3	AT level 8	9	Jan 2022	June 2022
4	NS and AT level 8	12	Jan 2021	May 2021

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Postgraduate	Gastroprotective activity of <i>Trachyspermum ammi</i> against ethanol induced gastric ulcers	Jawaharlal Nehru Technological University, Hyderabad, India	2016
2	Postgraduate	-Antidiabetic and nephroprotective activities of <i>Solanum xanthocarpum</i> leaves -Phytochemical and nephroprotective activity of <i>Ginkgo biloba</i> against	Jawaharlal Nehru Technological University, Hyderabad, India	2015



		gentamicin induced nephrotoxicity in rats		
3	Postgraduate	Nephroprotective activity of <i>Acorus calamus</i> leaves extract against Lithium induced nephrotoxicity in wistar rats	Jawaharlal Nehru Technological University, Hyderabad, India	2015
4	Postgraduate	Pharmacological Evaluation of Invitro Anti Fibrinolytics,Thrombolytic Potential Activity Of Acacia Nilotica	Jawaharlal Nehru Technological University, Hyderabad, India	2015
5	Postgraduate	Phytochemical and nephroprotective activity of <i>Ginkgo biloba</i> against gentamicin induced nephrotoxicity in rats	Jawaharlal Nehru Technological University, Hyderabad, India	2014
6	Postgraduate	Anti-oxidant and anti-hyperlipidemic activity of leaves of <i>coriandrum sativum</i>	Jawaharlal Nehru Technological University, Hyderabad, India	2014
7	Postgraduate	Effect of Camellia Sinensis (Green Tea) Onmonosodium Glutamate (Msg) Indused Uterine Fibroids in Female Rats	Jawaharlal Nehru Technological University, Hyderabad, India	2014
8	Postgraduate	In vitro antioxidant and hypolipidemic activity of <i>Momordica cymbalaria Fenzl.</i> against atorvastatin induced hyperlipidemia in wistar rats	Jawaharlal Nehru Technological University, Hyderabad, India	2013
9	Postgraduate	Evaluation of Hepatoprotective activity of <i>Leucas Aspera spreng</i> against Simvastatin induced Hepatotoxicity in Wistar Rats	Jawaharlal Nehru Technological University, Hyderabad, India	2012

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

#	From	To	Position	Organization
	2021	Till date	Member of steering Committee for standard 2, 3, and 5 Quality Accreditation for AT program	College of Applied Medical Sciences in Jubail, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia
	2021	Till date	Member of curriculum committee	College of Applied Medical Sciences in Jubail,



				Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia
2021	Till date	Internal Supervisor for students on scholarships in the Department of Neuroscience Technology (NS), Nursing, Clinical Nutrition (CN), Clinical Laboratories Science (CLS) and Health Information Management Technology (HIMT).		College of Applied Medical Sciences in Jubail, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia

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

1	Computer: Microsoft office
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REFERENCES

<p>Dr. Abeer Mohammed Al-Subaie Assistant Professor in Haematology, Dean, Institute for Research and Medical Consultants(IRMC), College of Applied Medical Sciences, Dammam Imam Abdulrahman bin Faisal University. Email: amnalsubaie@iau.edu.sa</p>	<p>Dr. Lamya Zohair Yamani Vice Dean for Development and Community Partnerships (VDDCP), Chairperson to the Departments of Anesthesia Technology and Clinical Laboratories (Jubail), Assistant Professor Immunology / Tumour Immunology / Cancer and Inflammation / Infectious Diseases, Department of Clinical Laboratory Sciences</p>
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	College of Applied Medical Sciences (Dammam and Jubail), Imam AbdulRahman bin Faisal University,Dammam. Email: lzyamani@iau.edu.sa Ph:013-333-1360 / 013-333-8674
Dr. J. Muthu Mohamed, M.Pharm., Ph.D., Faculty of Pharmacy & BioMedical Sciences, MAHSA University, Bandar Saujana Putra, 42610 Jenjarom, Selangor, Malaysia. Email: jmuthumohamed@gmail.com	Dr. A.Srinivasa Rao, M.Pharm., Ph.D. F.I.C., Principal, Bhaskar Pharmacy College, Yeknapally, Moinabad(Mandal) R.R(Dt), Hyderabad-500075. Ph: 0091-9704014333 Email: dravanapu@yahoo.com

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

Last Update

Dr.Fazil Ahmad

20/04/2024