

UMAIR WAHEDI

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Professional Summary:

Pharmaceutical researcher and PhD candidate specializing in neuroprotection in Parkinson's disease at JSS College of Pharmacy, Ooty. I hold a PharmD from Osmania University and have extensive experience in clinical trials, drug discovery, and data analysis, with roles at Optum, Cytel, and Medicule.

My research investigates the interaction between α -Syn macroaggregates, lipid droplets, and LC3B, focusing on the autophagic-lysosomal pathway. I have explored Quercetin's role in enhancing lipophagy and promoting α -Syn clearance. I have published in reputable journals and presented at national and international conferences.

Recipient of the JSSAHER Fellowship and multiple research grants, I am dedicated to advancing pharmaceutical sciences and fostering an engaging learning environment. Proficient in English and Urdu.

Academic Profile:

Degree	Board/University	Percentage	Grade	Year of Completion
PhD Scholar [Coursework & Methodology exam]	JSS Academy of Higher Education & Research	Ongoing [7.3(GPA)]	Ooty, India	2021-present
Doctor of Pharmacy (PharmD)	Osmania University	73%	First division	2018
Intermediate (BiPC)	Board of Intermediate Education, A.P.	84%	A	2012
ICSE	CISCE, New Delhi	58%	SUPW and Community Service 3 to 5 A	2009

Experience:

Position	Company	Duration	Location
Pharma Benefit Analyst	Optum	Jun 2020 - Jan 2021 (8 mos)	Hyderabad, India
Clinical SAS Trainee (Internship)	Cytel	Apr 2019 - Dec 2019 (9 mos)	Hyderabad Area, India
Research	Medicule, Jss college of pharmacy	2018-present	Hyderabad, Tamilnadu
Teaching assistant	Jss college of phatmacy	2021-presnt	Ooty, Tamilnadu

Publications:

Title	Journal/Publication	Date
Investigation of Scutellaria baicalensis for Potential Neuroprotective Effect on the Treatment of Parkinson's Disease	Biointerface Research in Applied Chemistry	Feb 2, 2024
Beneficial role of mitochondria & sirtuin-3 enzyme in Parkinson's disease	Journal of Medical Pharmaceutical and Allied Sciences (JMPAS)	Nov 6, 2022
Role of Nrf2 Pathway Activation in Neurological Disorder: A Brief Review	Journal of Pharmacology and Pharmacotherapeutics	Nov 2, 2022
Metabolic Role of Sirtuin 3 in Mitochondria and Aging	NEUROQUANTOLOGY	Oct 20, 2022
Damage-associated molecular patterns & m2 microglial polarization in Parkinson's disease - A brief review	Journal of Medical Pharmaceutical and Allied Sciences (JMPAS)	Sep 1, 2022
An investigation of the delineation on left gluteal soft tissue benign sarcoma	European Journal of Biomedical and Pharmaceutical Sciences(EJBPS)	Mar 11, 2019
Risk factors and prognosis of Non-alcoholic steatohepatitis (NASH) to advance severe fibrosis: interventional strategy	International journal of recent scientific research (IJRSR)	May 1, 2018
Scrutinizing CKD associated secondary hyperparathyroid dossier	Global journal of research analysis (GJRA)	Apr 1, 2018
Efficacy of Sevelamer Hydrochloride in Attenuating Serum Phosphorus Levels in Elderly Patients with Dialytic CKD	International Journal of Medical Research & Health Sciences (IJMRHS)	Jan 1, 2018
A cogitation on hyperglycemia induced diabetic macular edema	International Journal of Advanced Research (IJAR)	Nov 23, 2016

Books:

Title	Publisher	ISBN
De novo stratagem in cancer therapy	LAP LAMBERT Academic Publication	ISBN-10: 333032659X

Projects:

Project Title	Duration
A comparative study of Reno-protection with combination of N-acetyl cysteine and Ketoanalogues versus probiotics and Ketoanalogues in predialytic CKD	Jan 2017 - Jan 2018
In vitro antimicrobial activity of medicinal plants against clinical isolate of candida albicans and enterococcus faecalis	Jan 2018 - Jan 2018
Efficacy of Sevelamer hydrochloride in attenuating serum phosphorus levels in elderly patients with dialytic CKD	Jan 2017 - Jan 2017

Patent:

Patent Number	Title	Assignee	Date
DE202022106782U1	Antiuro lithiatic, antiosteoporotic, antidiabetic and anti-inflammatory composition of a polyherbal extract	Azeemuddin, Mohammed; Baba, Mohammad Zubair; Chand, Jagdish; Khan, Mohammed Hassain Majid; Kubera Setty, Seema; Mekkanti, Manasa Rekha; Potlapati, Varakumar; Venugopalachar, Likitha; Wahedi, Umair	Dec 19, 2022

Workshops and Webinars Attended:

Title	Date	Institution
Chemometric Model Development and Software Usage on NIR	May 17, 2023	JSS College of Pharmacy, Ooty
Intellectual Property Rights and Patents, Design Filing	Jan 31, 2023	NIPAM & JSS College of Pharmacy, Ooty
Power Your Research With Scival Metrics	Jan 18, 2023	JSSAHER & Elsevier
Artificial Intelligence and Machine Learning in Drug Discovery & Development	Feb 24, 2023	JSS College of Pharmacy, Ooty
EBSCO Collection and Access Pharmacy Collection	Jan 24, 2023	JSS College of Pharmacy, Ooty
Prototype/Process Design and Development	May 15, 2023	JSS College of Pharmacy, Ooty
Overview of Receptor Occupancy in Drug Discovery Industries	Feb 17, 2023	Sri Ramachandra Institute of Higher Education and Research, Chennai
Current Challenges and Future Opportunities for the Use of Pharmaceuticals in the Stressed Space Environment	Mar 28, 2023	DST-PURSE Govt. of India & JSSAHER
Experimental Pharmacology and Molecular Informatics	Mar 26, 2023	JSS College of Pharmacy, Ooty
Leadership in Pharmacy	Apr 7, 2023	School of Pharmacy, JSS AHER, Mauritius

DECLARATION:

I hereby declare that above furnished information is correct and true to the best of my Knowledge.

Date :**Place:** Hyderabad**Signature**