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DR. SWATHI PUTTA, M.Pharm (Pharmacology), Ph.D., PDF

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PROFESSIONAL LINKS:

Google Scholar: <https://scholar.google.co.in/citations?user=Kml2zwYAAAAJ&hl=en>

Research Gate: https://www.researchgate.net/profile/Dr_Swathi_Putta

ORCID: <https://orcid.org/0000-0001-5279-3952>

Vidwan-ID : 270775; 9.5/10

Academic Profile:

1. PDF (Post Doctoral Fellow-UGC)-Phytopharmacology (2016 – 2021)
– A.U. College of Pharmaceutical Sciences, Andhra University, Visakhapatnam.
2. Ph.D. (CSIR – SRF) – Pharmaceutical Sciences (2010-2015) – A.U. College of Pharmaceutical Sciences, Andhra University, Visakhapatnam.
3. M.Pharm – Pharmacology (2008-2010) – Department of Pharmaceutical Sciences, PRIST University, Thanjavur, Tamilnadu.
4. B. Pharm – Pharmacy (2005-2008) – Raghavendra Institute of Pharmaceutical Education and Research (RIPER), JNTU, Anantapuramu, Andhra Pradesh.

5. *D. Pharm*– Pharmacy (2003-2005) - Kamala Nehru Polytechnic College for Women (KNPW), State Board of Technical Education, Hyderabad.
6. *Intermediate* – M.P.C (2001 – 2003) – Vignana Jyothi Junior College, S.Kota, Vizianagaram
7. *SSC* – 2001, ZPH School, Turuvolu, Cheedikada, Visakhapatnam

Academic Experience:

1. Assistant Professor for 7 months at Avanthi Institute of Pharmaceutical Sciences, JNTUK (01.06.2010 to 31.01.2011) for *B.Pharmacy (Pharmacology)*
2. SRF for 3 years from 01.02.2011 to 30.03. 2015 at A.U.College of Pharmaceutical Sciences for both *B.Pharm (Pharmacology)* and *Pharm.D (Pathophysiology and Pharmacology)*
3. Associate Professor for 9 months at Raghu College of Pharmacy, Andhra University (02.07.2015 to 12.04.2016).
4. Postdoc fellow for 5 years from 12.4.2016 to 11.4. 2021 at A.U.College of Pharmaceutical Sciences for both *B.Pharm (Pharmacology)* and *M.Pharm (Pharmacological screening models and Advanced Pharmacology)*

5. Associate Professor at Raghu College of Pharmacy, Andhra University
02.02.2022 to 31.12. 2022
6. Professor at Raghu College of Pharmacy, Andhra University
01.01.2023 to till date

Awards & Honors Received:

1. Senior Research fellow (SRF) from the Council for Scientific and Industrial Research (CSIR) from Apr 2012 to July 2015.
2. Received CSIR travel grant with Ref No: TQ/8167/13-HRD from CSIR to attend the AAPS, 2013 held in San Antonio from 10th to 14th Nov 2013.
3. Best Oral Presentation at the 19th annual convention and 2nd international conference of the Pharmacognosy Society. Andhra University, 2015.
4. PostDoc Fellow (PDF) from the University Grants Commission (UGC) from April 2016 to April 2021.
5. PP Surya Kumari Best paper published 2017, from Indian Pharmacological Society Golden Jubilee celebrations 2017.
6. Best Researcher Award from the DKIRF International Society held at Chennai on 30th June 2019.

7. *Young Researcher Award* from the International Institute of Organized Research (I2OR) for remarkable contributions in the field of *Phytopharmacology* in 2019.
8. *Outstanding Scientist Award* from International Scientist Awards on Engineering, Science and Medicine, 21 & 22-May-2021, Chennai, India, Organized by VDGOD Professional Association.
9. *International Distinguished Young Researcher Award 2023*, during Global Edu-Conclave 2023, on 5 September 2023 organized by International Institute of Organized Research - Green ThinkerZ in association with Centre for Smart Modern Construction, Western Sydney University, Australia, The Intelligent Indian, Sustainable Cosmos, Wakelet, IJRECE, TRJ, SusCos Academy, Elsevier's Mendeley
10. *Outstanding Young Person Award 2023*, for remarkable contribution to medical innovation on 16th September 2023 by JCI Vizag achievers.
11. *JCI national TOPY (Ten Outstanding Young Persons) 2023* award for remarkable contribution to medical innovation, 68th national convention, 26th December 2-23, Bangalore.
12. *Serving as CPCSEA nominee* of Andhra Pradesh Medtech Zone (AMTZ), Pydah College Of Pharmacy, Raghu College of Pharmacy, Sri Venkateswara College of Pharmacy, Jeypore College Of Pharmacy, Vignan Institute Of Pharmaceutical Technology and AMTZ.

13. Completed *Drug Discovery* online noncredit course authorized by the University of California, offered through Coursera.

Patents:

1. "Nanoliposomes of *Punica granatum* Pericarp for the Management of Diabetic Cataractogenesis" filed in pursuance of our application No: 201841004297 published on Dated: Day 06th July 2018 (Under Examination)
2. "Protective role of Nanosuspension of *Ocimum sanctum* against lead-induced toxicity" filed in pursuance of our application No: 201841018957 filed on Dated: Day 06th July 2018 (Under Examination)
3. "A New Herbal Composition for the Treatment of Inflammatory Activity" filed in pursuance of our application No: 201841001343 filed on Dated:11th January 2018 (Published)
4. " A Composition for treating pancreatic cancer and method of preparing the same" filed in pursuance of our application no: 202341024090 files on dated: 30th March 2023 (Under Examination)
5. " Laboratory elevated plus maize apparatus for determining neurotoxic activity: filed in pursuance of our application no 391246-001 dated 26th July 2023 (Granted)

6. "Herbal Emulgel for Haircare Routine: A Congeal" filed in pursuance of our application no 202341074500 dated 1st Nov 2023

Book Chapters Published:

1. Probiotics: supplements, food, and pharmaceutical industry in "Therapeutic, Probiotics, and Unconventional Foods" ELSEVIER with ISSN: 978-012-81-4628-8.
2. Critical Appraisal of different food safety and quality management tools to accomplish food safety in "Food safety preservation" ELSEVIER with ISSN: 978-0-12-814956-0.
3. Targeting Arachidonic acid pathway associated NF kb in pancreatic cancer In Role of Transcription Factors in Gastrointestinal Malignancies" SPRINGER NATURE with ISSN: 978-981-10-6727-3
4. Role of Endocannabinoids in Neurocognitive Dysfunction in "Neurochemical Systems and Signaling: From Molecules to Networks"; CRC Press. 2023 ISBN: 978-042-95-5574-9
5. Neurobiology in correlation with Romantic Attraction "Neurochemical Systems and Signaling: From Molecules to Networks" CRC Press., 2013; ISBN: 978-042-95-5574-9

6. "Cholinergic Neurotransmission" *Neurochemical Systems and Signaling: From Molecules to Networks* CRC Press., 2023 ISBN: 978-042-95-5574-9

Books Published:

1. Lap Lambert Publishers., 2017; ISBN: 978-620-2-02823-3
"Prevalence of types of cancers in patients of Visakhapatnam region"
2. SARA Publishers., 2017; ISBN: 981-1-73040-121-3
"Design and Characterization of chewable ORLISTAT disintegrated tablets"
3. Lap Lambert Publishers., 2017; ISBN: 978-620-2-02570-6
"Microsponge-based Montelukast sodium Transdermal Hydrogel"
4. Statperson Publishers., 2017; ISBN: 978-1-387-063802
"Felodipine dissolution rate enhancement: Recrystallization Technique"
5. Lap Lambert Publishers., 2017; ISBN: 978-3-659-95177-0
"Evaluation of *Lathyrus sativus* cultivated in different states of India"
6. Lap Lambert Publishers., 2018; ISBN: 978-613-5-80460-7
"Inhibition of protein Glycation By fruit Pericarp – An *In vitro* study"

Workshops. STC and FDPs Attended:

1. Attended an International 5-day faculty development program on “Recent Advancement in Nutraceuticals” organized by the Department of Pharmacy, School of Medical & Allied Sciences, Galgotias University from 18th-22nd September 2023.
2. Attended a national FDP on “Artificial intelligence in drug discovery and development” at ASN pharmacy college in association with APTI, India from 11th Sep to 17th Sep 2023.
3. Attended a two-day workshop on “Innovative Tools In Modern Pharmacology” conducted by Sri Venkateswara College of Pharmacy (Autonomous) Chittoor in association with the Institution’s Innovation Council & MHRD from 9/8/2023 to 10/8/2023
4. Attended a national FDP on “Pharmaceutical Innovations & Protection Strategies” jointly organized by Seven Hills College Of Pharmacy (Autonomous), Tirupati & Csir – Institute Of Minerals & Materials Technology, Bhubaneswar, India, from 18th to 22nd July 2023.\
5. Attended an international workshop on “Current good manufacturing practices (cGMPs)” jointly organized by USFDA and Andhra University, Visakhapatnam on 23rd and 24th Feb 2023.
6. Attended a national FDP on “The art and science of writing a research article” School of Pharmacy, Sathyabhama Institute of Technology, Chennai, Tamilnadu 17th to 22nd October 2022.

7. Participated in the Workshop on “Protein Structure Modeling and Visualization“ organized and conducted by Bioinformatics Facility, Rajiv Gandhi Centre for Biotechnology (RGCB) virtually on 30th November 2021
8. Attended a national FDP on “QBD in formulation development & IPR - Overview” Krishna Teja College of Pharmacy, Tirupathi on 15th to 17th June 2021.
9. Attended a workshop on “Intellectual Property Rights & IP Management for Startup” organized by the Department of Pharmacy and IIC-CPUR, Career Point University, Kota on 17th April 2021.
10. Attended a “Hands On Cell Culture Techniques Workshop” sponsored by a pharmaceutical promotion development scheme held at NIPER, Hyderabad from 8th to 12th Feb 2021.
11. Attended an “International FDP on Current updates in Pharmaceutical Research and Development” organized by Shri Vishnu College of Pharmacy, Narsapur from 6th to 11th July 2020.
12. Attended an “International FDP on Innovations in a Natural Product-driven drug discovery and Analytical Chemistry” organized by Shri Vishnu College of Pharmacy, Bhimavaram from 6th to 11th July 2020.

13. Attended a “National Symposium on Advances in Pharmaceutical Sciences” organized by Annamacharya College of Pharmacy from 28th to 30th June 2020.
14. Attended an FDP on “ Emerging trends in Pharmaceutical Practices” conducted by Adithya Bangalore Institute of Pharmacy Education and Research from 14th to 18th June 2020
15. Attended a “National FDP on Nanotechnology in Healthcare” organized by Shri Vishnu College of Pharmacy from 15th to 20th June 2020
16. Attended an “Aarogya Rakshak Pharma series - 2” organized by Koringa College of Pharmacy from 6th to 9th June 2020.
17. Attended an “e FDP on Emerging Trends in Pharmaceutical Practice” organized by Aditya Bangalore Institute of Pharmacy Education and Research from 14th to 16th June 2020.
18. Attended an “Aarogya Rakshak Pharma series - 1” organized by Koringa College of Pharmacy from 21st to 23rd May 2020.
19. Attended a “Workshop on dynamics of Innovations and intellectual property rights” organized by Raghavendra Institute of Pharmaceutical Education and Research (RIPER) on 19th & 20th November 2018
20. Attended a faculty development program on “Recent trends in drug discovery and targeted drug delivery systems” conducted by the

School of Pharmacy, Anurag Group of Institutions, Hyderabad in association with APTI held on 1st to 6th Oct 2018.

21. Attended a “National Workshop on Capacity Building in Intellectual Property Rights” organized by Guru Govind College of Pharmacy, Haryana in Association with the State Council for Science and Technology held on 29th Sep 2018.
22. Attended a “Training program for nominees of “CPCSEA” organized by the Committee for Control and Supervision of Experiments on Animals (CPCSEA)” conducted from 18th Sep to 19th Sep 2018.
23. Attended workshop on “Patent filing & Proceedings in India, E-filing, PCT, forms, Important provisions of Patent Act, Patent Search, Patent Specification” conducted by RGNIIIPM, Ministry of Commerce and Industry, Nagpur on 27th to 31st Aug 2018.
24. Attended Workshop “Hands-on workshop on Molecular Biotechnology and Bioinformatics” held at the International Centre for Stem Cells, cancer, and Biotechnology (ICSCCB), Pune, India from 23rd July to 27th July 2018.
25. Attended UGC-Sponsored “Short term course on Research Methodology” at UGC-HRDC, Andhra University, Visakhapatnam from 16th July to 22nd July 2018.

26. Attended Workshop on "Health economics and outcomes research (HOER) in low resource settings" held at AU College of Pharmaceutical Sciences, Andhra University, Visakhapatnam on 15th December 2016
27. Attended Workshop on "Molecular Modeling and Drug Designing" sponsored by DBT-BIF held at Department of Marine Living Resources, Andhra University, Visakhapatnam from 27th – 30th January 2015
28. Completed theory and practical in MS-Office from 7-3-2008 to 9-4-2008 and obtained A+ grade conducted by MIIT under Bugga's Educational Society, Ananthapur.

Academic Projects:

B. Pharm:

- "Evaluation of antihyperlipidemic activity of *Momordica cymbalaria* in streptozotocin induced diabetic rats"

M. Pharm:

- "Screening of anti-diabetic activity of leaf extract of *Tylophora indica* in streptozotocin induced diabetic rats".
- "Evaluation of hepatoprotective activity with ethanolic extract of *Gracinia indica* Linn in CCl₄ induced rats".

Ph.D:

- “Studies on the evaluation of selected fruit pericarp extracts for antioxidant, antihyperglycemic activities and for their role in the inhibition of formation of advanced glycation end products (AGEs) in the progression of diabetic complications”

PDF:

- “Beneficial Effects of Probiotics in Obesity/Diabetes Induced Pancreatic Cancer”

Research Papers Published: (2010- till date)

S.No	Authors	Title	Journal	Publisher	Index& Impact factor	ISSN	Position
1	Swathi P, Jagadeesh Kumar T, et al	Hepatoprotective activity of Cassia auriculata against carbon tetrachloride-induced liver damage in albino rats	International Journal of Advances in Pharmaceutical Sciences . 2010; 274-280	Advanced research journals	SCI mago	0976-1055	1 st
2	Swathi P, Jagadeesh Kumar T, et al	Protective Response of Methanolic Extract of Garcinia indica Fruits on CCl4 Induced Liver Damage.	Pharmacognosy Journal. 2010; 2(17):47-52	Pharmacognosy Network Worldwide	SCOPUS 1.25	0975-3575	1 st
3	Swathi P, Eswar Kumar K,	Anti Hyperglycemic And Anti Hyperlipidemia Activity Of Ethonolic	Int J Curr Pharm Res. 2011; 4(1):25-	Innovate Academic	SCI mago Embase	0975-	1 st

	<i>et al</i>	<i>Extract Of Tylophora Indica In Alloxan Induced Diabetic Rats.</i>	31	Sciences		706 6	
4	Eswar Kumar K, Raghu Ram K, Swathi P <i>et al</i>	Pharmacodynamic and Pharmacokinetic Drug Interaction of Gliclazide and Olanzapine in Animal Models.	IOSRPHR. 2011; 1(1):037-045.	International Organization of Scientific Research indexed	J Gate	225 0- 301 3	
5	Eswar Kumar K, Jyotsna Rani P D, Raghu Ram K, Swathi P.	Pharmacodynamic And Pharmacokinetic Drug Interaction of Gliclazide And Risperidone In Animal Models.	Int J Pharm Pharm Sci. 2012; 4(2): 659-660	Innovare Academic Sciences	Scopus	097 5- 149 1	
6	K. E. Kumar, N. Kotagiri, and S. Putta	Influence of Tamarind Pulp on pharmacodynamics and pharmacokinetics of Gliclazide in Rats/Rabbits	FASEB Journal, 2012, 26 (1): 849.4	Federati on Amer Soc Exp Biol	SCI. SCOPUS 5.480	089 2- 663 8	
7	Eswar Kumar K, Swathi Putta, <i>et al</i>	In-vitro antimicrobial and antioxidant activities of aqueous pericarp extract of Punica granatum	Journal of Applied Pharmaceutical Science. 2013; 3(08): 107-112	Medipoeia	SCOPUS (Q2)	223 1- 335 4	
8	Swathi Putta, Eswar Kumar Kilari.	Advanced glycation end products: A Review	Journal of Global Trends in Pharmaceutical Sciences. 2014; 5(2):1729-37	Annama charya College of Pharmacy	SCI mago	461 13 223 0- 734 6	
9	Swathi Putta, Eswar Kumar Kilari.	Effect of hydroalcoholic pericarp extract of Momordica cochinchinensis on hypoglycemic and antihyperglycemic activities	World journal of pharmaceutical research. 2014;3(8)	World Journal of Pharmaceutical	Index Copernicus	473 32 227 7- 710	1 st

		in normal and streptozotocin-induced diabetic rats		Research		5	
10	Swathi Putta, Eswar Kumar Kilari.	Effect of methanolic pericarp extract of Feronia limonia on hypoglycemic and antihyperglycemic activities in normal and streptozotocin-induced diabetic rats	Journal of pharmacology and toxicology, 2014, 9(3):110-118	Science alert	SCOPUS	215 7- 100 X	1 st
11	Swathi Putta, Vijay CH	A dose-dependent effect on hypoglycemic and antihyperglycemic activities of chloroform extract of Physalis Minima in streptozotocin-induced diabetic rats	Int J Curr Pharm Res, 2014; 6(4): 61-65	Innovare Academic Sciences	SCImago Embase	097 5- 706 6	
12	Swathi Putta, Eswar Kumar K, Jagadeesh Kumar T	Effect of methanolic fruit pericarp extract of Garcinia indica on hypercholesteremia of diabetic rats induced with alloxan	Int J Pharm che bio Sci, 2014, 4(4), 994-1001	Int J Pharm che bio Sci	J Gate	477 491 224 9- 950 4	
13	Swathi Putta, Eswar Kumar Kilari, Nagendra Sastry	Screening of methanolic fruit pericarp extract of Feronia limonia against microorganisms involved in pathology of various diseases	Int J Phar Rea Sch, 2014, 3(4), 109-114	Int J Phar Rea Sco	DOAJ	227 7- 787 3	
14	Swathi Putta, Eswar Kumar Kilari.	Antimicrobial activity of hydroalcoholic fruit extract of Momordica cochinchinensis against some pathogenic microorganisms.	Journal of Global Trends in Pharmaceutical Sciences. 2014; 5(2):1729-37	Annama charya College of Pharmacy	SCImago	223 0- 734 6	
15	Swathi Putta, Eswar	In vitro free radical scavenging activity of aqueous fruit extract of	Pharmacophore 2014, 2014, Vol. 5 (5), 701-	Jadoun Science Publishin	Wos ESCI	444 79 222	

	Kumar Kilari.	<i>Coccinia indica</i>	710	g Group		9-5402	
16	Swathi Putta, Nagendra Sastry, Eswar Kumar Kilari.	Screening of methanolic fruit pericarp extract of <i>Litchi chinensis</i> against various disease conditions	American journal of pharmacy and health sciences 2014;2(14):300-306	epixpub publisher	SCI mago	426 475 232 1-364 7	
17	Swathi Putta, Eswar Kumar Kilari.	Protective effect of aqueous pericarp extract of <i>Punica granatum</i> against hyperglycemia induced by streptozotocin in rats	Biosciences, biotechnology research asia Asia,2014;11(3), 1439-1446	Oriental Scientific Pub. Co.	Wos	148 78 097 3-124 5	
18	Swathi Putta, Eswar Kumar Kilari.	Inhibitory effects of methanolic pericarp extract of <i>Feronia limonia</i> on in vitro protein glycoxidation	International journal of Pharmacology 2015; 11(1):35-42	Asian Network Scientific Information-Ansinet	Wos SCI Expanded 1.503	233 363 181 2-570 0	
19	Swathi Putta, Eswar Kumar Kilari.	Methanolic fruit extract of <i>Garcinia indica</i> ameliorates progression of diabetic nephropathy in streptozotocin induced diabetic rats,	International Journal of Biological & Pharmaceutical Research. 2015; 6(1): 12-18.	original scientific research	UGC	097 6-365 1	
20	Eswar Kumar Kilari, Rohini Koratana, Swathi Putta	Effect of aqueous pericarp extract of <i>Litchi chinensis</i> on hypoglycemic and antihyperglycemic activities in normal and in streptozotocin induced diabetic rats.	Pharmaceutical and Biological Evaluations. 2015; 2(1):29-35	Pharmaceutical and Biological Evaluations	Wos	239 4-085 9	
21	Nagendra sastry Y,	Phospholipase A2: A Potential Therapeutic	Journal of Cancer Science	Sunnyvale, CA :	SCI	194 8-	

	Srinivasulu D Swathi Putta	Target in Inflammation and Cancer (In silico, In vitro, In vivo and Clinical Approach)	& Therapy 7(7) 249-252 2015	OMICS Publishin g Group		595 6	
22	Swathi Putta, Eswar Kumar Kilari	A Review on Research Methodologies on Diabetic Retinopathy	Int.Jour.Phar, Res.Rev 2015; 4(9):26- 33	Internati onal Journal of Pharma Research & Review	EMBASE	227 8- 607 4	
23	Swathi Putta, Eswar Kumar Kilari	A review on methods of estimation of advanced glycation end products	World journal of pharmaceutical research 4(9):689-699, 2015.	World Journal of Pharmac eutical Research	Index Copernic us	473 32 227 7- 710 5	
24	Sujatha Yerra, Swathi Putta, Eswar Kumar Kilari	Effect of Various Processing Methods on The Mineral Content of Lathyrus Sativus Seeds Cultivated In Different States on India	World journal of pharmaceutical research 4(9):1522- 1530,2015	World Journal of Pharmac eutical Research	Index Copernic us	473 32 227 7- 710 5	
25	Sujatha Yerra, Swathi Putta, Eswar Kumar Kilari	Effect of various processing methods of Lathyrus sativus seeds cultivated from different states on India on the muscle coordination activity in Wistar Albino rats	International Journal of Food and Nutritional Sciences (4)4; 212- 218:2015	Internati onal Journal of Food and Nutritio nal Sciences	UGC- CARE	232 0- 787 6	
26	Swathi Putta, Rohini koratana, Eswar Kumar	Effect of aqueous pericarp extract of Punica granatum (APPG) on the role of inhibition of advanced glycation end products in STZ-induced	The FASEB Journal (29): 1, 2015 (abstract)	Federati on Amer Soc Exp Biol	SCI. SCOPUS 5.480	089 2- 663 8	

	Kilari.	diabetic retinopathy					
27	Y. N Sastry, Anupam , Kaladhar, P. Swathi, and D. Govinda Rao	Dammarane triterpenoid 1 induces apoptosis in human prostate carcinoma DU145 cells via intrinsic pathway	e32 Anti-Cancer Drugs 2015, Vol 26 (Suppl 1)	Lippincott Williams & Wilkins	SCI-E 1.784	095 9-497 3	
28	Sujatha Yerra, Swathi Putta, Eswar Kumar Kilari	Detoxification of ODAP In Lathyrus Sativus by Various Food Processing Techniques	Pharmaceutical and Biological Evaluations. 2015; vol. 2 (Issue 5): 152-159.	Pharmaceutical and Biological Evaluations	Wos	239 4-085 9	
29	Swathi Putta, Eswar Kumar Kilari	A Review on Fruit Pericarp A Rich Source of Phytochemicals And Pharmacological Activities	International Journal of Pharmacognosy and Phytochemical Research 2015; 7(5); 960-966	Dr. Yashwan t Research Labs Pvt. Ltd.	UGC	097 5-487 3	
30	Swathi Putta, Eswar Kumar Kilari	A Review on Biological And Pharmacological Description of Litchi Chinensis	Pharmacognosy reviews, 2016,10(19):60-65	Pharmacognosy Network Worldwide	SCOPUS 1.25	305 699 097 5-357 5	
31	Sujata Yerra, Swathi Putta and Eswar Kumar Kilari	The role of food processing techniques in the detoxification of ODAP in Lathyrus sativus	International Journal of Information Research and Review, Vol. 03, Issue, 08, pp. 2818-2822, August 2016	Galore Knowledge Publication Pvt. Ltd	Index Copernicus	234 9-914 1	

32	Srinivasa Rao P, Nagendra Sastry Y, Swathi P, Gururaja R, et al	Synthesis of New Secretary Phospholipase A2-inhibitory Indole Containing Isoxazole Derivatives as Anti-inflammatory and Anticancer agents.	European Journal of Medicinal Chemistry, 2016, 112, 289-297	Elsevier France-Editions Scientifiques Medicales Elsevier	SCI E, 3.946	287 67 12 022 3- 523 4
33	Swathi Putta, Sastry Y, Eswar Kumar K, Bhadrapura LD	Therapeutic Potentials of Triterpenes in Diabetes and its Associated Complications	Current topics in medicinal chemistry 2016,16 (23):2532-2542, DOI: 10.2174/1568026616666160414123343	Bentham Science Publ Ltd	SCI, SCOPUS 3.6	144 23 2 187 3- 529 4
34	Swathi Putta, Eswar Kumar Kilari	Delayed progression of diabetic cataractogenesis and retinopathy by Litchi chinensis in STZ-induced diabetic rats	Cutaneous and ocular toxicology, 36:1, 52-59, 2016. DOI:10.3109/15569527.2016.1144610.	Taylor & Francis	SCIE, 1.25	144 58 2 155 6- 952 7
35	Kishore V, Nagendra Sastry Y, Swathi P	Multi-targeting Andrographolide and its natural analogs as potential therapeutic agents	Current topics in medicinal chemistry 2016, Volume:16 DOI: 10.2174/1568026616666160927150452	Bentham Science Publ Ltd	SCIE, SCOPUS 3.402	144 23 7 187 3- 529 4
36	Swathi Putta,	Therapeutic potentials of Anthocyanins in diabetes	Current Medicinal	Bentham	SCIE, 3.47	142 50

	Sastry Y, Eswar Kumar K,	and associated complications	Chemistry 2016,16 (23):2532- 2542	Science Publ Ltd		187 3- 529 4	
37	Swathi Putta, Sastry Y, Eswar Kumar K.	Anthocyanins: Possible role as Multitarget therapeutic agents for prevention and therapy of chronic diseases	Current Pharmaceutical Design, 2017 DOI: 10.2174/1381 61282366617 0519151801	Bentham Science Publ Ltd	SCIE, 3.05	143 50 1 187 3- 428 6	
38	Swathi Putta, Sastry Y, Eswar Kumar K.	Diabetes mellitus and male aging: Pharmacotherapeutics and clinical implications	Current Pharmaceutical Design, 2017 DOI: 10.2174/1381 61282366617 0823103830.	Bentham Science Publ Ltd	SCIE 3.05	143 50 218 73- 428 6	
39	Shailaja P, Lokesh Srinivas V, Swathi P and Bhavani B	Design and statistical optimization of acyclovir-loaded hollow microspheres using cellulose acetate.	European Journal of Biomedical and Pharmaceutical Sciences, 2017; 4(7): 443-453.	Society for Advanced Health Care Research	Index Copernicus	447 79 324 9- 887 0	
40	Vijaya Rao Pidugu, Nagendra Yarla, Swathi Putta, Arunasree M.	. Anti-Inflammatory Activity Of Novel Hdac8 Inhibitory 2,5, -disubstituted 1,3,4-oxadiazole with glycine/alanine hybrids	International Journal of Current Research, 2017, 9(06):52913- 52918.	IJCR	Index Copernicus	097 5- 833 X	
41	Uma Maheswar a S, Heera B, Srinivasa Rao Y,	Study of the effect of ionic and nonionic surfactant as permeation enhancers on metformin tablets	Indo-American Journal of Pharmaceutical Research, 2017; 7(5):8255- 8234.	Galaxy Publishers		223 1- 687 6	

	Swathi P, Bhavani B.						
42	Swathi P, Sravana Swathi, Ramkishan A, Bhavani B.	Screening of aqueous fruit pericarp extract of Cucumis melo on microorganisms involved in various diseases	Indian Journal of Applied Research, 2017; 7(8): 72-74.	Indian Journal of Applied Research	Pubmed	224 9- 555 X	
43	Bhaskar Reddy N., Bhavani B., Ramkishan A. and Swathi P.	In vitro Antioxidant and Anti-Inflammatory Activities of Celery	European Journal of Pharmaceutical and Medical Research, 2017, 4(8), 718-72.	EJPMR	Index Copernicus	223 1- 687 6	
44	Susmitha G, Prathusha KSS, Srinivasa Rao Y, Swathi P, Bhavani B.	Development of in vitro characterization of extended released tablets of Levetiracetam.	Int J of current medical and pharmaceutical research. 2017; 3(07): 1997-2001	IJCMPR	Index Copernicus	239 5- 642 9	
45	Jakir hussain musta, Ch, Mounika, Swathi P, Bhavani B.	A 32-full factorial design for the ocular retention of bromfenac sodium using thermo-sensitive in situ gel,	International journal of pharma and biosciences, 2017, 8(4): 200-211	UBI Journals	Index Copernicus	097 5- 629 9	
46	Swathi P, Heera B, Srinivas Rao Y, Bhavani B,	Formulation and in vitro evaluation of gastro retentive floating tablets of clarithromycin,	American Journal of Pharmtech research, 2017; 7(5)	AJPTR	NCBI	231 0- 917 3	
47	Bhavani Boddeda, Deepthi K, Swathi	In Vitro Antioxidant and Anti-Inflammatory Activities of the pericarp of Terminalia catappa,	American Journal of Pharmacy and Health Research.	Epixpub publisher	SCI mago	232 1- 364 7	

	Putta		2017;5(9):10-17				
48	Swathi Putta, Pratyusha, Heera B, Bhavani B,	Formulation and evaluation of Stavudine extended-release tablets prepared by Geomatrix technology,	Journal of Pharmacy Research, 2017;6(9):144-149	Association of Pharmaceutical Innovators	SCImago	426 47 097 4- 694 3	
49	Pradeep, Venkatesh, Swathi P, Bhavani B.	Formulation development and in vitro evaluation of GR effervescent floating tablets of diltiazem using various polymers	Asian Journal of Science and Technology, 2017, 8(9): 5887-5893,	JPR Solutions	SCOPUS	449 66 097 6- 337 6	
50	Swathi Putta and Eswar Kumar Kilari	Inhibition of In Vitro Fructose-Induced Protein Glycation by Litchi chinensis	International Journal of Pharmacognosy and Phytochemical Research 2017; 9(10); 1326-1334	Dr. Yashwan t Research Labs Pvt. Ltd.	UGC	097 5- 487 3	
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61	Da YL, Jin YC, Swathi P	Obese Study, Keeping up Momentum	Int J Endocrinol Res, 2018; Vol: 1, Issue: 1 (04-08).	Bilingual Publishing Co	J Gate	263 0- 522 4	
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73	Swathi Putta	Asia-Pacific Excipient Market: S Korea Scenario	Ingredients: South Asia, 39: 2019	Magazin e			
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78	Swathi Putta and Eswar Kumar Kilari	Generic Sector Growth helps make APIs	16-31 Oct 2019	South Asia Ingredients	News Letter		
79	Eswar Kumar Kilari, Swathi Putta and Kotaiah S	Effect of <i>Gymnema sylvestre</i> on Insulin Receptor (IR), proglucagon gene expression in STZ-induced diabetic rats	Ind J Pharm Edu Res, 2020; 54(25):277-284 0.425	APTI	SCIE	0019-5464	
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84	Nagarani K, Swathi Putta,	Comparative antioxidant activity of selected flower extracts:	Journal of Natural Remedies,	Journal	SCOPUS, Scopus	2320-335	

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91	Swathi P, Rajyalaksh mi R and Sai Supraja P	Molecular Insights of Stress Induced Ulcers & Herbal Drug Therapy	High Technology Letters,2022; 28, Issue 10: 429-444	Science Press	SCOPUS	100 6- 674 8	Corr espo ndin g
92	Monica K., Anusha K., Hema Latha K., Jagadeesh Panda, and Swathi P	Evaluation of the Antioxidant activity of Purple Heart Using in vitro Methods	Ejpmr, 2023,10(2), 212-216			239 4- 321 1	Corr espo ndin g
93	Srinivasa Rao V, Swathi P, and Eswar Kumar K	Screening of fruit pulp extract of <i>Pithecellobium dulce</i> (Manila tamarind) for antioxidant activity: An in vitro Study	International Journal of Pharmaceutical Research and Applications, 2023; 8(2):153-157			224 9- 778 1	2 nd
94	Srinivasa Rao V, Swathi P, and Eswar Kumar K	Study on In vitro free radical scavenging activity of <i>Hylocereus undatus</i> fruit pulp extract	Journal For Innovative Development in Pharmaceutical and Technical Science, 2023,6(3):1-5			258 1- 693 4	2 nd
95	Hemalatha K, Harsitha K, Jagadeesh P, Swathi P*	Anthocyanin Fruit Peels and Their Importance	American Journal of Pharmacy & Health Research 2023, 11(3): 1-25			232 1- 364 7	Corr espo ndin g

96	Kotaiah Silakbattin i1, Swathi Putta, Eswar Kumar Kilari	Evaluation of Insulinotropic Effect of <i>Garcinia cambogia</i> in Streptozotocin-Induced Diabetic Rats	Bull. Env. Pharmacol. Life Sci., Vol 12 [4] March 2023: 77-84	Scopus	WOS	227 7- 180 8	2 nd
97	Shiv Shankar Shav, Swathi Putta, Eswar Kumar Kilari	Correlation between Risk Factors and Demographical Factors of Colorectal Cancer: An Observational Cohort Study	Journal of Drug and Alcohol Research, 2023, 7 (12), Article ID 236250,	Ashdin	Scopus 2.85	209 0- 834 2	2 nd
98	HariKuma r CH, Vinusha R, Swathi P	Lead-induced hepatotoxicity: mechanisms and therapy	Journal of Drug and Alcohol Research, Vol. 12 (2023), Article ID 236262, 07	Ashdin	Scopus 2.85	209 0- 834 2	Corr espo ndin g
99	Swathi p Eswar Kumar K, Kotaiah S, Hari Kumar CH ² and Tarza Jamal s	<i>Punica Granatum</i> Pericarp Alleviates Oxidative Stress, Inflammation, and Advanced Glycation End Products Mediated Nephropathy in Streptozotocin-Induced Diabetic Rats	Pharmaceutical Research, Accepted	Springer /Plenum	SCI 4.00	072 4- 874 1	Corr espo ndin g

Research Papers Presented:

S.N o	Title of the paper	Title of seminar	Whether Int/ National	Place and date
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1	Protective response of <i>Cassia auriculata</i> against CCl ₄ induced liver damage in Wistar albino rats	Imaginations and innovation in biotechnology	National	16 th Sep 2009
2	Anti-Hyperglycemic and reno protective activities of ethanolic extract of <i>Morus nigra</i> leaf extract streptazotocin induced diabetic Rats	64 th Indian Pharmaceutical Congress	National	16 th -18 th December 2011.
3	Evaluation of aqueous extracts of <i>Momordica cochinchinesis</i> and <i>Coccinia indica</i> for In vitro antioxidant activity, effect on isolated frog heart and skeletal muscle and for In vivo hypoglycemic activity in rats/ rabbits and development of computer based simulation models for frog experiments	ABRCMS conference	International	9 th -12 th Nov 2011
4	Evaluation of In Vitro Antioxidant and In Vivo Antihyperglycemic activity of aqueous extract of <i>Punica Granatum</i> in Streptazotocin induced Diabetic Rats	RAPS	National	22 nd - 24 th Nov 2012
5	In vitro antioxidant and in vivo antidiabetic activity of aqueous	ABRCMS	International	7 th -10 th Nov 2012

	<i>pericarp extract of litchi chinensis in alloxan induced diabetic rats</i>			
6	<i>Anti-Hyperglycemic and Renal Protective Activities of aqueous extract of punica granatum fruit extract streptazotocin-Nicotinamide induced diabetic rats.</i>	64 th Indian Pharmaceutical Congress	National	12 th -14 th December 2012
7	<i>Evaluation of Antioxidant, hypoglycemic effect and ant hyperglycemic effect of hydro alcoholic extract of Momordica Cochinchinensis in normal and Streptozotocin induced diabetic rats.</i>	Genomics-2013	National	13 th -14 th April 2013
8	<i>Evaluation of methonolic pericarp extract of Feronia Limonia prevents formation of advanced glycation end products: an in vitro study</i>	APTI 18 th national conference	National	4 th -6 th November 2013
9	<i>Antihyperglycemic Activity of Aqueous Pericarp Extract of Punica granatum and Its Role on the Inhibition of Formation of advanced glycation end products in diabetic nephropathy</i>	AAPS, 2014	International	2 nd -5 th November 2014
10	<i>Effect of aqueous fruit pericarp extract of Litchi chinensis on in vitro protein glycooxidation</i>	IPS, 2015	International	20-22 nd March, 2015

11	Effect of aqueous pericarp extract of <i>Punica granatum</i> (APPG) on the role of inhibition of advanced glycation end products in STZ induced diabetic retinopathy	EB meeting, 2015	International	1-4 th april, 2015
12	The Protective Effects of <i>Momordica chochinensis</i> Extract against Glucose-Mediated Protein Oxidation and Glycation	AAPS, 2015	International	26-28 Nov, 2015
13	Effect of Methanolic Fruit Pericarp Extract of <i>Feronia limonia</i> on Advanced Glycation End Products and Retinopathy in Streptozotocin Induced Diabetic Rats	68 th IPC, 2016	National	16 th - 18 th Dec, 2016
14	<i>Tinospora cardifolia</i> Promotes Insulin and Proglucagon Expression Levels in Streptozotocin Induced Diabetic Rats	68 th IPC, 2016	National	16 th - 18 th Dec, 2016
15	Influence of <i>syzygium alternifolium</i> on HFD FRU STZ induced sexual dysfunction in rats.	ERIPSCON, IPS, 2017	International	24-25 th Mar, 2017
16	Evaluation of Hypoglycemic and Antihyperglycemic activity of hydroxycitric acid in Streptozotocin induced Diabetic	Rapid 2017	National	21-22 nd July, 2017

	Rats.			
17	Effect of hydroalcoholic leaf extract of <i>Gymnema sylvestre</i> on proglucagon and insulin expression	IPAsf, 2017	National	2-3 rd Sep, 2017
18	The Protective Effects of <i>Momordica chochinensis</i> Extract Against Glucose-Mediated Protein Oxidation and Glycation	Vista., 2017	National	14-15 th Sep, 2017
19	Fabrication of paper based devices and its biomedical devices	Marri laxman reddy institute of pharmacy, Webinar	National	25 th July 2020
20	Covid -19 neurological Complication	JSS College of Ooty, Webinar	National	8 th Aug 2020
21	Publish to Flourish	Mizoram University, Webinar	National	2 nd July 2020
22	Ethanopharmacological research and drug development	Marri laxman reddy institute of pharmacy, Webinar	National	3 rd June 2020

23	Fundamental Steps in Design & Execution of Animal Studies & Art of Writing Scientific Paper	Dept.of Pharmacology, Sri Padmavathi School of Pharmacy, Tiruchanoor, A.P	National	30 th March 2021
24	PLI Scheme for Pharmaceuticals- Self reliance and way forward	AIDCOC Training Academy.	National	11 th December 2021
25	RNA- based Medicines for Unmet Medical Needs	The International Pharmaceutical Federation	International	7 th Oct 2022
26	Global symposium: Why flu vaccination matters	The International Pharmaceutical Federation	International	13 th Oct 2022
27	Theme: Biomedical Research - Addressing Challenges through Collaboration	All India Institute of Medical Sciences Mangalagiri	National	18-19th November 2022.

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28	Commemorating the World Antimicrobial Awareness Week: Pharmacy taking action. A focus on the Western Pacific, Southeast Asia and Africa regions	The International Pharmaceutical Federation	International	22 nd Nov 2022
29	Pharmaceutical Science: reflections on innovations and collaborations during the COVID-19 pandemic	The International Pharmaceutical Federation	International	5 th Dec 2022

Journal reviewer:

1. African journal of Pharmacy and Pharmacology
2. Uttarpradesh Journal of Zoology
3. Asian Journal of Probability and Statistics:
SDI/HQ/PR/Cert/106923/DRS
4. Research Journal of Pure and Applied Chemistry
5. Journal of Pharmaceutical Research International
6. Asian Journal of Research in Cardiovascular Diseases
7. Journal of Advances in Medical and Pharmaceutical Sciences
8. Journal of Advances in Medicine and Medical Research
9. Journal of Complementary and Alternative Medical Research

Professional Bodies Associated:

- Life member in Indian Pharmacological Society (LM-865)
- Life member of the Indian Pharmaceutical Association (IPA-AP/WALT/LM/0043)
- Life member in the Indian Pharmacy Graduates Association (IPGA-4992)
- Life member of the Indian Pharmacological Society (IPS-LS-865)
- Life member in Association of Pharmaceutical Teachers of India APTI (AP/LM-683)
- Registered pharmacist in Pharmacy council of INDIA (043277/A2)

Research Expertise:

- *In vitro* evaluation of different models antioxidant activity.
- Evaluation of herbal drugs and mechanism of action on different screening models of diabetes, hyperlipidemia, inflammation, lithiasis, ulcer, infertility and cancer.
- Pharmacodynamic and pharmacokinetic drug-drug and drug-herb interaction studies in animal models.

- *Demographic and Epidemic studies (Clinical studies)*
- *Conducting experiments for pharmacological categorization and mechanistic evaluation of drugs on various isolated perfused organs.*
- *Well versed with computer skills and practical experience with MS Word, MS Excel, MS PowerPoint*
- *Familiar with the experimental designs and applications of suitable statistical techniques like t -test, ANOVA etc using Graph Pad Prism.*

Instrumentation and Software's Handled:

- *RT-PCR (Biorad)*
- *Western Blot*
- *ELISA reader (Tulips)*
- *Qubit Fluorometer (Biorad)*
- *HPLC (Shimadzu, SPD 10AT, Class VP series)*
- *Spectrofluorometer (Jasco 6556)*
- *Semi-Auto analyzer (Screen master 3000).*
- *Phase contrast Microscope (Labomed)*
- *UV-Vis Spectrophotometer (Shimadzu, SPD 10A).*
- *Statistical Designing*
- *Graphpad Prism 6 and 8*
- *PK Solver*

Personal Details:

Name:	Swathi Putta
Fathers Name:	Mallikarjuna Rao Putta
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Child Name:	Gagana Srinadhu
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Religion:	Hindu
Date of birth:	27 th August 1986
Languages known:	English, Telugu and Tamil
Marital Status:	Married