

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

**Professor:** Raghu College of Pharmacy

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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](https://www.researchgate.net/profile/Dr_Swathi_Putta)

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

Vidwan-ID : 270775; 9.5/10

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#### 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: TG/8167/13-HRD from CSIR to attend the AAPS, 2013 held in San Antonio from 10<sup>th</sup> to 14<sup>th</sup> Nov 2013.
3. **Best Oral Presentation** at the 19<sup>th</sup> annual convention and 2<sup>nd</sup> 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 30<sup>th</sup> 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 VDGGOOD 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 16<sup>th</sup> September 2023 by JCI Vizag achievers.
11. **JCI national TOPY (Ten Outstanding Young Persons) 2023** award for remarkable contribution to medical innovation, 68<sup>th</sup> national convention, 26<sup>th</sup> 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 06<sup>th</sup> 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 06<sup>th</sup> 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: 11<sup>th</sup> 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: 30<sup>th</sup> March 2023 **(Under Examination)**
5. “Laboratory elevated plus maize apparatus for determining neurotoxic activity: filed in pursuance of our application no 391246-001 dated 26<sup>th</sup> July 2023 **(Granted)**
6. “Herbal Emulgel for Haircare Routine: A Congeal filed in pursuance of our application no 202341074500 dated 1<sup>st</sup> 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 11<sup>th</sup> Sep to 17<sup>th</sup> 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 18<sup>th</sup> to 22<sup>nd</sup> July 2023.\
5. Attended an international workshop on **“ Current good manufacturing practices (cGMPs)”** jointly organized by USFDA and Andhra University, Visakhapatnam on 23<sup>rd</sup> and 24<sup>th</sup> 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 17<sup>th</sup> to 22<sup>nd</sup> October 2022.
7. Participated in the Workshop on **“Protein Structure Modeling and Visualization“** organized and conducted by Bioinformatics Facility, Rajiv Gandhi Centre for Biotechnology (RGCN) virtually on 30<sup>th</sup> November 2021
8. Attended a national FDP on **“QBD in formulation development & IPR - Overview”** Krishna Teja College of Pharmacy, Tirupathi on 15<sup>th</sup> to 17<sup>th</sup> 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 17<sup>th</sup> April 2021.
10. Attended a **“Hands On Cell Culture Techniques Workshop”** sponsored by a pharmaceutical promotion development scheme held at NIPER, Hyderabad from 8<sup>th</sup> to 12<sup>th</sup> Feb 2021.
11. Attended an **“International FDP on Current updates in Pharmaceutical Research and Development”** organized by Shri Vishnu College of Pharmacy, Narsapur from 6<sup>th</sup> to 11<sup>th</sup> 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 6<sup>th</sup> to 11<sup>th</sup> July 2020.
13. Attended a **“National Symposium on Advances in Pharmaceutical Sciences”** organized by Annamacharya College of Pharmacy from 28<sup>th</sup> to 30<sup>th</sup> June 2020.
14. Attended an FDP on **“ Emerging trends in Pharmaceutical Practices”** conducted by Adithya Bangalore Institute of Pharmacy Education and Research from 14<sup>th</sup> to 18<sup>th</sup> June 2020

15. Attended a **“National FDP on Nanotechnology in Healthcare”** organized by Shri Vishnu College of Pharmacy from 15<sup>th</sup> to 20<sup>th</sup> June 2020
16. Attended an **“Aarogya Rakshak Pharma series - 2”** organized by Koringa College of Pharmacy from 6<sup>th</sup> to 9<sup>th</sup> June 2020.
17. Attended an **“e FDP on Emerging Trends in Pharmaceutical Practice”** organized by Aditya Bangalore Institute of Pharmacy Education and Research from 14<sup>th</sup> to 16<sup>th</sup> June 2020.
18. Attended an **“Aarogya Rakshak Pharma series - 1”** organized by Koringa College of Pharmacy from 21<sup>st</sup> to 23<sup>rd</sup> 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 19<sup>th</sup> & 20<sup>th</sup> 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 1<sup>st</sup> to 6<sup>th</sup> 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 29<sup>th</sup> 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 18<sup>th</sup> Sep to 19<sup>th</sup> 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 RGNIIPM, Ministry of Commerce and Industry, Nagpur on 27<sup>th</sup> to 31<sup>st</sup> 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 23<sup>rd</sup> July to 27<sup>th</sup> July 2018.
25. Attended UGC-Sponsored **“Short term course on Research Methodology”** at UGC-HRDC, Andhra University, Visakhapatnam from 16<sup>th</sup> July to 22<sup>nd</sup> 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 15<sup>th</sup> 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 27<sup>th</sup> - 30<sup>th</sup> 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 CCl<sub>4</sub> 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 <sup>st</sup>
2	Swathi P, Jagadeesh Kumar T, et al	Protective Response of Methanolic Extract of Garcinia indica Fruits on CCl <sub>4</sub> Induced Liver Damage.	Pharmacognosy Journal. 2010; 2(17):47-52	Pharmacognosy Network Worldwide	SCOPUS 1.25	0975-3575	1 <sup>st</sup>
3	Swathi P, Eswar Kumar	Anti Hyperglycemic And Anti Hyperlipidemia Activity Of	Int J Curr Pharm Res. 2011; 4(1):25-31	Innovate Academic	SCI mago Embase	0975-	1 <sup>st</sup>

	K, et al	Ethonolic Extract Of Tylophora Indica In Alloxan Induced Diabetic Rats.		Sciences		7066	
4	Eswar Kumar K, Raghu Ram K, <b>Swathi P</b> et al	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	2250-3013	
5	Eswar Kumar K, Jyotsna Rani P D, Raghu Ram K, <b>Swathi P</b> .	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	0975-1491	
6	K. E. Kumar, N. Kotagiri, and <b>S. Putta</b>	Influence of Tamarind Pulp on pharmacodynamics and pharmacokinetics of Gliclazide in Rats/Rabbits	FASEB Journal, 2012, 26 (1): 849.4	Federation Amer Soc Exp Biol	SCI. SCOPUS 5.480	0892-6638	
7	Eswar Kumar K, <b>Swathi Putta</b> , et al	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)	2231-3354	
8	<b>Swathi Putta</b> , Eswar Kumar Kilari.	Advanced glycation end products: A Review	Journal of Global Trends in Pharmaceutical Sciences. 2014; 5(2):1729-37	Annamacharya College of Pharmacy	SCI mago	46113 2230-7346	
9	<b>Swathi Putta</b> , Eswar Kumar Kilari.	Effect of hydroalcoholic pericarp extract of Momordica cochinchinensis on hypoglycemic and antihyperglycemic activities in normal and streptozotocin-induced diabetic rats	World journal of pharmaceutical research. 2014;3(8)	World Journal of Pharmaceutical Research	Index Copernicus	47332 2277-7105	1 <sup>st</sup>
10	<b>Swathi Putta</b> , 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 0.68	2157-100X	1 <sup>st</sup>
11	<b>Swathi Putta</b> , 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	SCI mago Embase	0975-7066	
12	<b>Swathi Putta</b> , 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	47749 1 2249-9504	
13	<b>Swathi Putta</b> , 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	2277-7873	
14	<b>Swathi Putta</b> , 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	Annamacharya College of Pharmacy	SCI mago	2230-7346	



15	<b>Swathi Putta,</b> Eswar Kumar Kilari.	In vitro free radical scavenging activity of aqueous fruit extract of <i>Coccinia indica</i>	Pharmacophore 2014, 2014, Vol. 5 (5), 701-710	Jadoun Science Publishing Group	Wos ESCI	44479 2229- 5402	
16	<b>Swathi Putta,</b> 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	42647 5 2321- 3647	
17	<b>Swathi Putta,</b> 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	14878 0973- 1245	
18	<b>Swathi Putta,</b> 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	23336 3 1812- 5700	
19	<b>Swathi Putta,</b> 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	0976- 3651	
20	Eswar Kumar Kilari, Rohini Koratana, <b>Swathi Putta</b>	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	2394- 0859	
21	Nagendra sastry Y, Srinivasulu D <b>Swathi Putta</b>	Phospholipase A2: A Potential Therapeutic Target in Inflammation and Cancer (In silico, In vitro, In vivo and Clinical Approach)	Journal of Cancer Science & Therapy 7(7) 249-252 2015	Sunnyvale, CA : OMICS Publishing Group	SCI	1948- 5956	
22	<b>Swathi Putta,</b> Eswar Kumar Kilari	A Review on Research Methodologies on Diabetic Retinopathy	Int.Jour.Pharm. Res.Rev 2015; 4(9):26-33	International Journal of Pharma Research & Review	EMBASE	2278- 6074	
23	<b>Swathi Putta,</b> 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 Pharmaceutical Research	Index Copernicus	47332 2277- 7105	
24	Sujatha Yerra, <b>Swathi Putta,</b> Eswar Kumar Kilari	Effect of Various Processing Methods on The Mineral Content of <i>Lathyrus Sativus</i> Seeds Cultivated In Different States on India	World journal of pharmaceutical research 4(9):1522-1530,2015	World Journal of Pharmaceutical Research	Index Copernicus	47332 2277- 7105	
25	Sujatha Yerra, <b>Swathi Putta,</b> Eswar Kumar Kilari	Effect of various processing methods of <i>Lathyrus sativus</i> 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	International Journal of Food and Nutritional Sciences	UGC- CARE	2320- 7876	
26	<b>Swathi Putta,</b> Rohini koratana,	Effect of aqueous pericarp extract of <i>Punica granatum</i> (APPG) on the role of inhibition of advanced	The FASEB Journal (29): 1, 2015 (abstract)	Federation Amer Soc Exp Biol	SCI. SCOPUS 5.480	0892- 6638	

	Eswar Kumar Kilari.	glycation end products in STZ-induced diabetic retinopathy					
27	Y. N Sastry, Anupam , Kaladhar, <b>P. Swathi</b> , 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 <b>1.784</b>	0959-4973	
28	Sujatha Yerra, <b>Swathi Putta</b> , 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	2394-0859	
29	<b>Swathi Putta</b> , 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. Yashwant Research Labs Pvt. Ltd.	UGC	0975-4873	
30	<b>Swathi Putta</b> , Eswar Kumar Kilari	A Review on Biological And Pharmacological Description of Litchi Chinensis	Pharmacognosy reviews, 2016,10(19):60-65	Pharmacognosy Network Worldwide	SCOPUS <b>1.25</b>	305699 0975-3575	
31	Sujata Yerra, <b>Swathi Putta</b> 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	2349-9141	
32	Srinivasa Rao P, Nagendra Sastry Y, <b>Swathi P</b> , Gururaja R, et al	Synthesis of New Secretory 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, <b>3.946</b>	2876712 0223-5234	
33	<b>Swathi Putta</b> , Sastry Y, Eswar Kumar K, Bhadrappura 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 <b>3.6</b>	144232 1873-5294	
34	<b>Swathi Putta</b> , 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, <b>1.25</b>	144582 1556-9527	
35	Kishore V, Nagendra Sastry Y, <b>Swathi P</b>	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 <b>3.402</b>	144237 1873-5294	
36	<b>Swathi Putta</b> , Sastry Y,	Therapeutic potentials of Anthocyanins in diabetes and	Current Medicinal Chemistry	Bentham Science	SCIE, <b>3.47</b>	14250 1873-	

	Eswar Kumar K,	associated complications	2016,16 (23):2532-2542	Publ Ltd		5294	
37	<b>Swathi Putta</b> , Sastry Y, Eswar Kumar K.	Anthocyanins: Possible role as Multitarget therapeutic agents for prevention and therapy of chronic diseases	Current Pharmaceutical Design, 2017 DOI: 10.2174/1381612823666170519151801	Bentham Science Publ Ltd	SCIE, 3.05	14350 1 1873-4286	
38	<b>Swathi Putta</b> , Sastry Y, Eswar Kumar K.	Diabetes mellitus and male aging: Pharmacotherapeutics and clinical implications	Current Pharmaceutical Design, 2017 DOI: 10.2174/1381612823666170823103830.	Bentham Science Publ Ltd	SCIE 3.05	14350 21873-4286	
39	Shailaja P, Lokesh Srinivas V, <b>Swathi P</b> 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	44779 3249-8870	
40	Vijaya Rao Pidugu, Nagendra Yarla, <b>Swathi Putta</b> , 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	0975-833X	
41	Uma Maheswara S, Heera B, Srinivasa Rao Y, <b>Swathi P</b> , Bhavani B.	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		2231-6876	
42	<b>Swathi P</b> , 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	2249-555X	
43	Bhaskar Reddy N., Bhavani B., Ramkishan A. and <b>Swathi P</b> .	In vitro Antioxidant and Anti-Inflammatory Activities of Celery	European Journal of Pharmaceutical and Medical Research, 2017, 4(8), 718-72.	EJPMR	Index Copernicus	2231-6876	
44	Susmitha G, Prathusha KSS, Srinivasa Rao Y, <b>Swathi P</b> , 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	2395-6429	
45	Jakir hussain musta, Ch, Mounika, <b>Swathi P</b> , 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	0975-6299	
46	<b>Swathi P</b> , 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	2310-9173	

47	Bhavani Boddeda, Deepthi K, <b>Swathi Putta</b>	In Vitro Antioxidant and Anti-Inflammatory Activities of the pericarp of <i>Terminalia catappa</i> ,	American Journal of Pharmacy and Health Research. 2017;5(9):10-17	Epixpub publisher	SCI mago	2321-3647	
48	<b>Swathi Putta</b> , 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	SCI mago	42647 0974-6943	
49	Pradeep, Venkatesh, <b>Swathi P</b> , 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	44966 0976-3376	
50	<b>Swathi Putta</b> 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. Yashwant Research Labs Pvt. Ltd.	UGC	0975-4873	
51	<b>Swathi Putta</b> and Eswar Kumar Kilari	Inhibitory effects of aqueous pericarp extract of Punica granatum on in vitro Protein glycooxidation and advanced glycation end products	International Journal of Current Medical And Pharmaceutical Research, 2017, 3(10):2572-2578	IJCMPR	Index Copernicus	2395-6429	
52	<b>Swathi Putta</b> , Gana Manjusha, Ram Kishan, Bhavani B	Effect of Morus alba against hyperglycemic and hyperlipidemic activities in STZ-induced diabetic nephropathy	Bio Sci Biotech res Asia, 2017,4(4)	Oriental Scientific Pub. Co.	WoS	14878 0973-1245	
53	Prabhakara Rao KS, <b>Swathi P</b> , Rohini k, Eswar Kumar K	Prevalence of thyroid dysfunction in diabetic patients of Visakhapatnam district	J Chemical and Pharmaceutical Sciences, 2018,11(1): 1-4	<u>SPB Pharma Society</u>	Index Copernicus	2349-8552	
54	B.Bhavani, <b>P Swathi</b> , and Eswar Kumar Kilari	Ocular Retention and Bioavailability Studies of Bromfenac Mucoadhesive Nanoparticles by Sustained Ophthalmic Delivery	FASEB, 32(1): 2018 (Abstract)	Federation Amer Soc Exp Biol	SCI, SCOPUS <b>5.48</b>	29259 0892-6638	
55	<b>Swathi Putta</b> and Eswar Kumar Kilari	Attenuation of Diabetic Retinopathy by Momordica chochinensis Through Inhibition of AGEs and PCO in Streptozotocin Diabetic Rats	FASEB, 32(1): 2018 (Abstract)	Federation Amer Soc Exp Biol	SCI, SCOPUS <b>5.48</b>	29259 0892-6638	
56	Eswar Kumar Kilari and <b>Swathi Putta</b>	Effect of Berberine on Insulin, GLP-1R, and DPP4 Gene Expression Levels in Streptozotocin-Induced Diabetic Rats	FASEB, 32(1): 2018 (Abstract)	Federation Amer Soc Exp Biol	SCI, SCOPUS <b>5.48</b>	29259 0892-6638	
57	Da YL, Jin YC, Nagendra Sastry Y, Hong Z, <b>Swathi P</b>	Type 2 Diabetes Study, Introduction and Perspective	The Open Diabetes Journal, 2018;8:13-21	Hilversum: Bentham Science Publishers	Pubmed	1876-5246	
58	Venu Gopal, Srinu, <b>Swathi P</b> and Eswar Kumar K	Effect of Aqueous Peel Extract of Prunus Dulcis on In Vitro Antioxidant Activity	IOSR Journal of Pharmacy and Biological Sciences, 2018;13(1):51-57	IOSR Journals	Index Copernicus	2278-3008	

59	Da YL, Jin YC, Yi L, Da FL and <b>Swathi P.</b>	Biomedical Study of Human Obesity, Pathology and Counteractive	Obesity: Open Access, 2018;4(2):1-2	Sci Forschen	Pubmed	2380-5528	
60	Da YL, Jin YC, Nagendra Sastry Y, Hong Z, <b>Swathi P</b>	Pathology and Treatments of Obesity.	Clinical Biotechnology and Microbiology 2.6 (2018): 538-541	Scientia Ricerca	Pubmed	2575-4750	
61	Da YL, Jin YC, <b>Swathi P</b>	Obese Study, Keeping up Momentum	Int J Endocrinol Res, 2018; Vol: 1, Issue: 1 (04-08).	Bilingual Publishing Co	J Gate	2630-5224	
62	Rajasekhara Reddy T, <b>Swathi P</b> and Eswar Kumar K	Effect of Allium sativum on the Pharmacodynamics of Pioglitazone in Normal and Alloxan-Induced Diabetic Rats	Am. J. Pharm Health Res 2018;6(12)	Epixpub publisher	SCI mago	2321-3647	
63	Da YL, Jin YC, Nagendra Sastry Y, Hong Z, <b>Swathi P</b>	Bone Disease Recovery Strategies, An Overview”.	EC Orthopaedics 10.1 (2019): 01-03.	Ecronicon Open Access	Pubmed	PMI D: 30215 059	
64	Rajasekhara Reddy T, <b>Swathi P</b> and Eswar Kumar K	Effect of Azadirachta indica on the Pharmacodynamics of Pioglitazone in Normal and Alloxan Induced Diabetic Rats	Eur.J.Pharm.Med.Re s, 2019,6(2), 485-489	EJPMR	Index Copernicus	2394-3211	
65	Da-YL, Jin-Y C, Nagendra Sastry Y, <b>Swathi P</b> , Li-Ping L and Ying S	Human Obesity, Pathological and Therapeutic Advances	EC Pharmacology and Toxicology, 7.4 (2019): 231-238		Pubmed	PMI D: 30198 026	
66	Eswar Kumar Kilari, <b>Swathi Putta</b> and Absar Ahmed Qureshi.	Protective Effects of Ocimum sanctum Leaf Extract against Lead-induced Toxicity in Rat Brain	FASEB; 2019:33(1): 820.3 (Abstract)	Federation Amer Soc Exp Biol	SCI, SCOPUS 5.59	29259 0892-6638	
67	<b>Swathi Putta</b> , Absar Ahmed Qureshi, and Eswar Kumar Kilari	Berberine attenuates acute pancreatitis induced by Dibutyltin dichloride (DBTC) in albino Wistar rats	FASEB; 2019:33(1): 820.4 (Abstract)	Federation Amer Soc Exp Biol	SCI, SCOPUS 5.59	29259 0892-6638	
68	Rajasekhara Reddy T, <b>Swathi P</b> , and Eswar Kumar K	Effect of Karela on the Pharmacodynamics of Pioglitazone in Normal and Alloxan-Induced Diabetic Rats	Int. J. Adv. Res. 7(4), 1254-1258	IJAR	Pubmed	2320-5407	
69	Da YL, Jin YC, Nagendra Sastry Y, Hong Z, <b>Swathi P</b>	Mini-Review of Obesity, Etiology Progresses, and Different Therapeutics	Ec Diabetes And Metabolic Research, 3.3 (2019): 98-102.	Ecronicon Open Access	Pubmed		
70	Yong Lu D, Jin-Yu C, <b>Swathi P</b> , Hong-Ying	Bone Disease Treatments, Math-Therapeutic Modality”.	EC Orthopaedics 10.3 (2019): 140-143.	Ecronicon Open Access	Pubmed	<u>PMI D: 29333 536</u>	

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71	Yong Lu D, Jin-Yu C, <b>Swathi P</b> , Hong-Ying W and Ying S	How to Improve the Quality of Pharmacotherapy for Bone Diseases.	EC Orthopaedics 10.6 (2019): 366-368	Ecronicon Open Access	Pubmed	<u><b>PMI</b></u> <u><b>D:</b></u> <u>29333</u> <u>536</u>	
72	Da-Yong Lu1, Jin-Yu Che1, <b>Swathi</b> <b>Putta</b> , Ting- Ren Lu	Bone Disease Treatments and Drug Developments	Der Pharmacia Sinica, 2019, 10(1):09-11	Pelagia Research Library		0976- 8688	
73	<b>Swathi Putta</b>	Asia-Pacific Excipient Market: S Korea Scenario	Ingredients: South Asia, 39: 2019	Magazine			
74	Eswar Kumar Kilari, <b>Swathi</b> <b>Putta</b> , Namratha Kotagiri	Influence of Tamarindus Indica on Pharmacodynamics and Pharmacokinetics of Gliclazide in Rats / Rabbits	EJPMR, 2019,6(9), 533-537	EJPMR	Index Copernicus	2394- 3211	
75	Eswar Kumar Kilari, <b>Swathi</b> <b>Putta</b> , Kotaiah Silakabattini, Neelakantam Nagireddy	Tinospora Cordifolia Promotes Expression of Insulin Receptor and Proglucagon Genes in Streptozotocin Induced Diabetic Rats	American Journal of Pharmacological Sciences, 2019, Vol. 7, No. 1, 10-17	epixpub publisher	SCI mago	2321- 3647	
76	Da-Yong Lu, Jin-Yu Che, <b>Swathi Putta</b> , Ying Shen and Bin Xu	Human Obesity Management, Pathways, and Therapeutics Beyond Metabolic Limitation	EC Diabetes and Metabolic Research 3.4 (2019): 106-108.	Ecronicon Open Access	Pubmed		
77	Da-Yong L, Ting-Ren Lu, <b>Swathi Putta</b> , Bin Xu and Hong-Ying Wu	Anticancer Drug Discoveries from Herbal Medicine	EC Pharmacology and Toxicology 7.9 (2019): 990-994	Ecronicon Open Access	Pubmed		
78	<b>Swathi Putta</b> and Eswar Kumar Kilari	Generic Sector Growth helps make APIs	16-31 Oct 2019	South Asia Ingredients	News Letter		
79	Eswar Kumar Kilari, <b>Swathi</b> <b>Putta</b> and Kotaiah S	Effect of Gymnema sylvestre on Insulin Receptor (IR), proglucagon gene expression in STZ-induced diabetic rats	Ind J Pharm Edu Res, 2020; 54(2S):277-284 0.425	APTI	SCIE	0019- 5464	
80	<b>Swathi Putta</b>	FSSAI guidance and notification on nutraceuticals – An insight	FnB news.com	News letter			
81	<b>Swathi Putta</b> and Bhavani B	Microbial Dysbiosis in SARS-CoV-2	APTI Women's Forum Newsletter, Aug - Oct 2020, 57- 59	APTI	News Letter		Corre spond ing
82	Bhavani B, <b>Swathi P</b> , Naveen Reddy P, et al	Evaluation of Ocular Retention and Bioavailability of Mucoadhesive Bromfenac Nanoparticles By Sustained Ophthalmic Delivery	International Journal of Pharmaceutical Research, 13(1): 2021	APTI	SCI, SCOPUS	0975- 2366	
83	<b>Swathi Putta</b> , Kotaiah Silakabattini	Protective Effect of Tylophora indica against Streptozotocin Induced Pancreatic and Liver	Biomedical & Pharmacology Journal, 2020;13(4)	Oriental Scientific Publishing	SCOPUS, UGC, Embase	0974- 6242	Corre spond ing

	et al	Dysfunction in Wistar Rats		Company			
84	Nagarani K, <b>Swathi Putta</b> , Eswar Kumar Kilari	Comparative antioxidant activity of selected flower extracts: An in vitro study	Journal of Natural Remedies, Vol. 21, No. 7(S3), (2020)	Journal of Natural Remedies	SCOPUS, Scopus	2320- 3358	
85	Nagarani K, <b>Swathi P</b> , Eswar Kumar K	Effect of <i>Bergenia ligulata</i> on Metabolic Enzymes of Glucose Homeostasis and Its Correlation with Antioxidant Activity in Streptozotocin Induced Diabetic Rats	European Journal of Molecular & Clinical Medicine, <b>2020</b> ; 7(6): 187-202.	Ubiquity Press	SCOPUS,	2515- 8260	
86	<b>Swathi Putta</b> , Sri Rekha Vudara et al	Physiological Role of Intestinotropic Glucagon Like Peptides in Health and Disease	Asian Journal of Biological and Life sciences, <b>2020,9(3):294-301</b>	Asian Journal of Biological and Life sciences	WoS	2278- 5957	Corre spond ing
87	<b>Swathi Putta</b> , Eswar Kumar Kilari	Molecular Insights of Diabetic Complications and Future Targets for Therapy	Asian Journal of Biological and Life Sciences, <b>2020:9(3):2</b> 86-293	Asian Journal of Biological and Life Sciences	WoS	2278- 5957	Corre spond ing
88	Prasanth D, <b>Swathi P</b> and Eswar Kumar K	Free Radical Scavenging Activity Of Hispolon And Hispolon Derivative: An In Vitro Study	European Journal of Molecular & Clinical Medicine Volume 07, Issue 10 , <b>2020</b>	eJournal Plus	Scopus	2515- 8260	
89	Prasanth D, <b>Swathi P</b> and Eswar Kumar K	Cerebroprotective Activity Of Hispolon And Its Derivative In Cerebral Ischemic Reperfusion Injured Rats.	Annals of the Romanian Society for Cell Biology, 19225- 19249. <b>2021</b>	Association of Cell Biology Romania	SCOPUS	1583- 6258	
90	<b>Swathi P</b> , Mounica K. Hema Latha K & Anusha K	Herbal Formulations and Lithiasis	High Technology Letters, <b>2022</b> ; 28, Issue 10- 162-183	Science Press	SCOPUS	1006- 6748	Corre spond ing
91	<b>Swathi P</b> , Rajyalakshmi R and Sai Supraja P	Molecular Insights of Stress Induced Ulcers & Herbal Drug Therapy	High Technology Letters, <b>2022</b> ; 28, Issue 10: 429-444	Science Press	SCOPUS	1006- 6748	Corre spond ing
92	Monica K., Anusha K., Hema Latha K., Jagadeesh Panda, and <b>Swathi P</b>	Evaluation of the Antioxidant activity of Purple Heart Using in vitro Methods	Ejpmr, <b>2023</b> ,10(2), <b>212-216</b>			2394- 3211	Corre spond ing
93	Srinivasa Rao V, <b>Swathi P</b> , 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, <b>2023</b> ; 8(2):153-157			2249- 7781	2 <sup>nd</sup>
94	Srinivasa Rao V, <b>Swathi P</b> , and Eswar Kumar K	Study on In vitro free radical scavenging activity of <i>Hylocereus</i> <i>undatus</i> fruit pulp extract	Journal For Innovative Development in Pharmaceutical and Technical Science, <b>2023</b> ,6(3):1-5			2581- 6934	2 <sup>nd</sup>

95	Hemalatha K, Harsitha K, Jagadeesh P, <b>Swathi P*</b>	Anthocyanin Fruit Peels and Their Importance	American Journal of Pharmacy & Health Research 2023, 11(3): 1-25			2321-3647	Corresponding
96	Kotaiah Silakbattinil, <b>Swathi Putta</b> , Eswar Kumar Kilari	Evaluation of Insulinotropic Effect of Garcinia cambogia in Streptozotocin-Induced Diabetic Rats	Bull. Env. Pharmacol. Life Sci., Vol 12 [4] March 2023: 77-84	Scopus	WOs	2277-1808	2 <sup>nd</sup>
97	Shiv Shankar Shav, <b>Swathi Putta</b> , 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	2090-8342	2 <sup>nd</sup>
98	HariKumar CH, Vinusha R, <b>Swathi P</b>	Lead-induced hepatotoxicity: mechanisms and therapy	Journal of Drug and Alcohol Research, Vol. 12 (2023), Article ID 236262, 07	Ashdin	Scopus	2090-8342	Corresponding
99	<b>Swathi p</b> Eswar Kumar K, Kotaiah S, Hari Kumar CH <sup>2</sup> 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	0724-8741	Corresponding

### Research Papers Presented:

S.No	Title of the paper	Title of seminar	Whether Int/National	Place and date
1	Protective response of <i>Cassia auriculata</i> against CCl <sub>4</sub> induced liver damage in Wistar albino rats	Imaginations and innovation in biotechnology	National	16 <sup>th</sup> Sep 2009
2	Anti-Hyperglycemic and reno protective activities of ethanolic extract of <i>Morus nigra</i> leaf extract streptazotocin induced diabetic Rats	64 <sup>th</sup> Indian Pharmaceutica l Congress	National	16 <sup>th</sup> -18 <sup>th</sup> December 2011.
3	Evaluation of aqueous extracts of <i>Momordica cochinchinesis</i> and <i>Coccinia indica</i> for <i>In vitro</i> antioxidant activity, effect on isolated frog heart and skeletal muscle and for <i>In vivo</i> hypoglycemic activity in rats/ rabbits and development of computer based simulation models for frog experiments	ABRCMS conference	International	9 <sup>th</sup> -12 <sup>th</sup> Nov 2011
4	Evaluation of In Vitro Antioxidant and In Vivo Antihyperglycemic activity of aqueous extract of <i>Punica Granatum</i> in Streptazotocin	RAPS	National	22 <sup>nd</sup> -24 <sup>th</sup> Nov 2012



	induced Diabetic Rats			
5	In vitro antioxidant and in vivo antidiabetic activity of aqueous pericarp extract of <i>Litchi chinensis</i> in alloxan induced diabetic rats	ABRCMS	International	7 <sup>th</sup> -10 <sup>th</sup> Nov 2012
6	Anti-Hyperglycemic and Renal Protective Activities of aqueous extract of <i>punica granatum</i> fruit extract streptazotocin-Nicotinamide induced diabetic rats.	64 <sup>th</sup> Indian Pharmaceutica l Congress	National	12 <sup>th</sup> -14 <sup>th</sup> December 2012
7	Evaluation of Antioxidant, hypoglycemic effect and ant hyperglycemic effect of hydro alcoholic extract of <i>Momordica Cochinchinensis</i> in normal and Streptozotocin induced diabetic rats.	Genomics- 2013	National	13 <sup>th</sup> -14 <sup>th</sup> April 2013
8	Evaluation of methanolic pericarp extract of <i>Feronia Limonia</i> prevents formation of advanced glycation end products: an <i>in vitro</i> study	APTI 18 <sup>th</sup> national conference	National	4 <sup>th</sup> -6 <sup>th</sup> November 2013
9	Antihyperglycemic Activity of Aqueous Pericarp Extract of <i>Punica granatum</i> and Its Role on the Inhibition of Formation of advanced glycation end products in diabetic nephropathy	AAPS, 2014	International	2 <sup>nd</sup> -5 <sup>th</sup> November 2014
10	Effect of aqueous fruit pericarp extract of <i>Litchi chinensis</i> on <i>in vitro</i> protein glycoxidation	IPS, 2015	International	20-22 <sup>nd</sup> 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 <sup>th</sup> 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 <sup>th</sup> IPC, 2016	National	16 <sup>th</sup> - 18 <sup>th</sup> Dec, 2016
14	<i>Tinospora cardifolia</i> Promotes Insulin and Proglucagon Expression Levels in Streptozotocin Induced Diabetic Rats	68 <sup>th</sup> IPC, 2016	National	16 <sup>th</sup> - 18 <sup>th</sup> Dec, 2016

15	Influence off syzygium alternifolium on HFD FRU STZ induced sexual dysfunction in rats.	ERIPSCON, IPS, 2017	International	24-25 <sup>th</sup> Mar, 2017
16	Evaluation of Hypoglycemic and Antihyperglycemic activity of hydroxycitric acid in Streptozotocin induced Diabetic Rats.	Rapid 2017	National	21-22 <sup>nd</sup> July, 2017
17	Effect of hydroalcoholic leaf extract of <i>Gymnema sylvestre</i> on proglucagon and insulin expression	IPAsf, 2017	National	2-3 <sup>rd</sup> Sep, 2017
18	The Protective Effects of <i>Momordica chochinensis</i> Extract Against Glucose-Mediated Protein Oxidation and Glycation	Vista., 2017	National	14-15 <sup>th</sup> Sep, 2017
19	Fabrication of paper based devices and its biomedical devices	Marri laxman reddy institute of pharmacy, Webinar	National	25 <sup>th</sup> July 2020
20	Covid -19 neurological Complication	JSS College of Ooty, Webinar	National	8 <sup>th</sup> Aug 2020
21	Publish to Flourish	Mizoram University, Webinar	National	2 <sup>nd</sup> July 2020
22	Ethanopharmacological research and drug development	Marri laxman reddy institute of pharmacy, Webinar	National	3 <sup>rd</sup> June 2020
23	Fundamental Steps in Design & Execution of Animal Studies & Art of Writing Scientific Paper	Dept.of Pharmacology , Sri Padmavathi School of Pharmacy, Tiruchanooor, A.P	National	30 <sup>th</sup> March 2021
24	PLI Scheme for Pharmaceuticals-Self reliance and way forward	AIDCOC Training Academy.	National	11 <sup>th</sup> December 2021
25	RNA- based Medicines for Unmet Medical Needs	The International Phammaceuti cal Federation	International	7 <sup>th</sup> Oct 2022

26	Global symposium: Why flu vaccination matters	The International Pharmaceutical Federation	International	13 <sup>th</sup> Oct 2022
27	Theme: Biomedical Research - Addressing Challenges through Collaboration	All India Institute of Medical Sciences Mangalagiri	National	18-19th November 2022.
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 <sup>nd</sup> Nov 2022
29	Pharmaceutical Science: reflections on innovations and collaborations during the COVID-19 pandemic	The International Pharmaceutical Federation	International	5 <sup>th</sup> 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
10. Indian Journal of Biochemistry Research and Review

#### **Professional Bodies Associated:**

- 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:	<b>Swathi Putta</b>
Fathers Name:	Mallikarjuna Rao Putta
Husband name:	Ganesh Srinadhu
Child Name:	Gagana Srinadhu
Nationality:	Indian
Religion:	Hindu
Date of birth:	27 <sup>th</sup> August 1986
Languages known:	English, Telugu and Tamil
Marital Status:	Married