

CURRICULUM VITAE

Dr.P.Senthamil Selvan M.Pharm., Ph.D.

Assistant Professor

Department of Pharmaceutical Technology

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➤ **Research Area:**

- Pharmaceutical Analysis.
- Pharmacokinetics & BA/BE Studies
- Pharmacology of Natural Products
- Biomedical Engineering

➤ **Educational Qualifications:**

Qualification	College/University	Year of Completion
Ph.D.	Jadavpur University Kolkata, West Bengal	2008
M.Pharm	The Tamil Nadu Dr. M.G.R Medical University, Chennai	2002
B.Pharm	The Tamil Nadu Dr. M.G.R Medical University, Chennai	1999

Experience: (Chronological Order)

Name of Company/Institutions	Designation	From	To	Experience in Year
University College of Engineering, Anna University (BIT - Campus) Tiruchirappalli	Assistant Professor	August 2009	Till date	14 Years 3 Months
Nandha College of Pharmacy and Research Institute, Erode	Assistant Professor	January 2009	August 2009	8 Months
Orchid R&D Center, Chennai	Research Executive	February 2002	August 2004	2 Years 6 Months
Nandha College of Paramedical Sciences, Erode	Assistant Professor	September 2004	June 2005	10 Months
		Total Experience		18 Years 4 Months

1. Awards/Honours Received:

1. "Certificate of Merit" awarded to the research paper HPTLC method development and validation for simultaneous analysis of Emodin and Chrysophanol in *Cassia tora* Linn methanolic extract. Journal of Liquid Chromatography and Related Technologies, 36:18, 2525-2533, 2013 by Dr.P.D.Sethi Annual award – 2013.

2. Additional/Academic Responsibilities at University:

1. Dean – University College of Engineering, Anna University, Ariyalur – May 2022 to till date.
2. Placement Coordinator – January 2020 to December 2021.
3. Coordinator – Laboratory Equipment Maintenance and Service - January 2020 to December 2021.
4. Sports Coordinator – January 2014 to December 2021.
5. Member NBA Coordination Committee July 2013 to January 2018.
6. Coordinator – International Centre for Research Facilitation and Training October 2016 to August 2021.

3. Membership of Scientific and Professional Societies:

1. The Indian Science Congress Association
2. The Association of Pharmaceutical Teachers of India
3. The Indian Pharmaceutical Association
4. Tamil Nadu Pharmacy Council

4. Fellowships and Grants Received:

1. **Senior Research Fellowship (SRF)** - Department of Science and Technology (DST) by Ministry of Science and Technology, Govt. of India, New Delhi.
2. **Senior Research Fellowship (SRF)** - Indian Council of Medical Research (ICMR) by Ministry of Health and Family Welfare, Govt. of India, New Delhi.

➤ Completed PG/UG Projects:

- a. Number of PG Projects Completed: **M.Pharm:** 04 & **M.Tech:** 04
- b. Number of UG Project Completed: 16

Funds Received for UG/PG Students Projects

S.No.	Title of the Project	Scheme	Year	Amount in Rupees	Status
1.	V. Devendhiran S. Vishnu Priyan	TEQIP-II Students Project Scheme	2015	10,000.00	Completed
2.	D.Rajaraman R.Venkatesh	TEQIP-II Students Project Scheme	2016	10,000.00	Completed

➤ Research Guidance (M.S/Ph.D.) (Ongoing):

S. No	Name of the Scholar	Title of the Thesis	Year of Registration	Status
1.	M.P.Balasubramanian	Leveraging New Drug Development through Cloud Computing	2016	Ongoing
2.	P.Sivasakthi	<i>Oldenlandia umbellata</i> L. promotes osteoblast proliferation and inhibits osteoclastogenesis via inhibiting therapeutic targets of osteoporosis – <i>in silico</i> and <i>in vitro</i> Approaches	2017	Synopsis Submitted

➤ Publications:

a. Books/Book Chapters:

1. **Selvan, P.S.**, Priya, E.S., Sivasakthi, P. (2023). Neohesperidin: Biosynthesis, ADME, Biological and Pharmacological Activities. In: Xiao, J. (eds) Handbook of Dietary Flavonoids. Springer, Cham. https://doi.org/10.1007/978-3-030-94753-8_33-1.
2. Ekambaram, S.P, **Perumal, S.S**, Paramasivam, S. (2023). Galangin: Advances on Resources, Biosynthesis Pathway, Bioavailability, Bioactivity, and Pharmacology. In:

Xiao, J. (eds) Handbook of Dietary Flavonoids. Springer, Cham.
https://doi.org/10.1007/978-3-030-94753-8_10-1.

3. E. Sanmuga Priya, **P. Senthamil Selvan**, E. Thamizharasi. Ch: Biochemistry of Type 2 diabetes mellitus. Phytotherapy in the Management of Diabetes and Hypertension Volume 3. Bentham Science Publishers. Editor: Mohamed Eddouks, 2020, ISBN: 978-981-14-5913-9 (Online), DOI:10.2174/97898114591391200301. Page No. 1-37.
4. E. Sanmuga Priya, **P. Senthamil Selvan**, R. Durgalakshmi, Dhevash S, Mohammad Navas Khan A “New Approach of dye Removal in Textile Effluent: A cost effective management for cleanup of toxic dyes in textile effluent by Water hyacinth” on the book series “Toxicity and Biodegradation testing” published by Springer Science+Business Media LLC, located at 233 Spring Street New York, NY 10013. USA. 2018, ISBN No.978-1-4939-7424-5; ISSN 1557-2153.
5. E.Sanmuga Priya, **P. Senthamil Selvan**. Phytoremediation of Heavy Metals by Catharanthus Roseus Linn. Vol. 11: Soil Pollution and Phytoremediation. Publisher: Studium press LLC. USA, Chief editors: Prof. Bhola R Gurjar, IIT Roorkee., 12 Vols Series on Environmental Science and Engineering. 2017. ISBN No. 10:1-62699-099-9
6. E. Sanmuga Priya, **P. Senthamil Selvan**, Syed Arshad Aakhil. Monograph on Eugenia jambolana. Lam. Phytotherapy in the Management of diabetes and hypertension – Vol 2. Bentham Science publishers, 2015; 213-234. ISBN: 978-1-68108-162-5 Editor: Mohamed Eddouks.
7. **P.Senthamil Selvan**, E. Sanmuga Priya, Dhanam T. Monograph on *Coccinia indica* Wight and Arn. Phytotherapy in the Management of diabetes and hypertension – Vol 2. Bentham Science publishers 2015; 235-257. ISBN: 978-1-68108-162-5, Editor: Mohamed Eddouks.
8. E. Sanmuga Priya, **P. Senthamil Selvan**. Discovery of Novel Lead Molecules from Plant Sources" Vol.7: Drug Discovery. Biotechnology. Publisher: Studium press LLC. USA, Chapter 1, pp.1- 42, 2014, ISBN of series: 1-62699-015-8 and ISBN of volume: 1-62699-022-0. Editors: K.K.Bhutani and J.N.Govil.

b. International Journals:

1. M.P.Balasubramanian, **P.Senthamil Selvan**, A Disease-Specific Text Corpora-Based Automatic Biomedical Document Summarisation for Sustainable Development, *Journal of Environmental Protection and Ecology*, 24(4), 2023 1413–1422. **(IF: 0.692)**.

2. Paramasivam, S., & **Perumal, S. S.**; Methanolic extract of *O.umbellata* L. exhibits anti-osteoporotic effect via promoting osteoblast proliferation in MG-63 cells and inhibiting osteoclastogenesis in RANKL-stimulated RAW 264.7 cells; *Journal of ethnopharmacology*; 315; 116641; 1-13; 2023. **(IF: 5.195)**.
3. Sakthivel, P., Sakthivel, I., Paramasivam, S., **Perumal, S. S.**, & Ekambaram, S. P. (2023). Underpinning Endogeneous Damp EDA-Fibronectin in the Activation of Molecular Targets of Rheumatoid Arthritis and Identification of its Effective Inhibitors by Computational Methods. *Applied biochemistry and biotechnology*, 10.1007/s12010-023-04451-8. <https://doi.org/10.1007/s12010-023-04451-8> **(IF: 3.0)**.
4. Vigneshwaran, S., Maharani, K., Sivasakthi, P., **Selvan, P. S.**, Saraswathy, S. D., & Priya, E. S. (2023). Bioactive fraction of *Tragia involucrata* Linn leaves attenuates inflammation in Freund's complete adjuvant-induced arthritis in Wistar albino rats via inhibiting NF-κB. *Inflammopharmacology*, 31(2), 967–981. <https://doi.org/10.1007/s10787-023-01154-8> **(IF: 5.8)**.
5. Premnath Sakthivel, Indrajith Sakthivel, **Senthamil Selvan Perumal**, Sanmuga Priya Ekambaram. (2023). The Role of Fibronectin and its Isoforms in the Pathogenesis and Progression of Rheumatoid Arthritis: A Review. *Biointerface Research in Applied chemistry*. 13 (4), 341. <https://doi.org/10.33263/BRIAC134.341>.
6. Srinivasan, A., Aruldas, J., **Perumal, S. S.**, & Ekambaram, S. P. (2021). Phenolic acid bound arabinoxylans extracted from Little and Kodo millets modulate immune system mediators and pathways in RAW 264.7 cells. *Journal of food biochemistry*, 45(1), e13563. <https://doi.org/10.1111/jfbc.13563> **(IF: 4.0)**.
7. Sivasakthi, P., Sanmuga Priya, E., & **Senthamil Selvan, P.** (2021). Molecular insights into phytochemicals exhibiting anti-arthritic activity: systematic review : John Di Battista. *Inflammation research : official journal of the European Histamine Research Society*, 70(6), 665–685. <https://doi.org/10.1007/s00011-021-01471-0> **(IF:6.986)**.
8. Aswini S, Sanmuga Priya E, **Senthamil Selvan P.** (2021). Plant polysaccharides –An insight into its Immunostimulatory properties. *Bioactive Carbohydrates and Dietary fiber* 25, 100244. <https://doi.org/10.1016/j.bcdf.2020.100244>.
9. Srinivasan, A., Ekambaram, S. P., **Perumal, S. S.**, Aruldas, J., & Erusappan, T. (2020). Chemical characterization and immunostimulatory activity of phenolic acid bound arabinoxylans derived from foxtail and barnyard millets. *Journal of food biochemistry*, 44(2), e13116. <https://doi.org/10.1111/jfbc.13116> **(IF: 4.0)**.

10. Ekambaram, S. P., **Perumal, S. S.**, Erusappan, T., & Srinivasan, A. (2020). Hydrolysable tannin-rich fraction from *Terminalia chebula* Retz. fruits ameliorates collagen-induced arthritis in BALB/c mice. *Inflammopharmacology*, 28(1), 275–287. <https://doi.org/10.1007/s10787-019-00629-x> (IF: 5.093).
11. Sanmuga Priya, E., **Senthamil Selvan, P.**, & Ajay, B. (2018). Tannin rich fraction from *Terminalia chebula* fruits as Anti-inflammatory agent. *Journal of Herbs, Spices and Medicinal Plants*, 24(1). <https://doi.org/10.1080/10496475.2017.1399953>.
12. Ekambaram, S. P., Babu, K. B., **Perumal, S. S.**, & Rajendran, D. (2018). Repeated oral dose toxicity study on hydrolysable tannin rich fraction isolated from fruit pericarps of *Terminalia chebula* Retz in Wistar albino rats. *Regulatory toxicology and pharmacology : RTP*, 92, 182–188. <https://doi.org/10.1016/j.yrtph.2017.12.001> (IF: 3.598).
13. **Perumal, S. S.**, Ekambaram, S. P., & Dhanam, T. (2017). In vivo antiarthritic activity of the ethanol extracts of stem bark and seeds of *Calophyllum inophyllum* in Freund's complete adjuvant induced arthritis. *Pharmaceutical biology*, 55(1), 1330–1336. <https://doi.org/10.1080/13880209.2016.1226346> (IF: 3.889).
14. Ekambaram, S. P., **Perumal, S. S.**, & Pavadai, S. (2017). Anti-inflammatory effect of *Naravelia zeylanica* DC via suppression of inflammatory mediators in carrageenan-induced abdominal oedema in zebrafish model. *Inflammopharmacology*, 25(1), 147–158. <https://doi.org/10.1007/s10787-016-0303-2> (IF: 5.8).
15. Priya, E. S., & **Selvan, P. S.** (2017). Water hyacinth (*Eichhornia crassipes*)—An efficient and economic adsorbent for textile effluent treatment—A review. *Arabian Journal of Chemistry*, 10, S3548–S3558. <https://doi.org/10.1016/j.arabjc.2014.03.002> (IF: 2.26).
16. Ekambaram, S. P., **Perumal, S. S.**, & Balakrishnan, A. (2016). Scope of Hydrolysable Tannins as Possible Antimicrobial Agent. *Phytotherapy research : PTR*, 30(7), 1035–1045. <https://doi.org/10.1002/ptr.5616> (IF: 2.66).
17. Ekambaram, S. P., **Perumal, S. S.**, Balakrishnan, A., Marappan, N., Gajendran, S. S., & Viswanathan, V. (2016). Antibacterial synergy between rosmarinic acid and antibiotics against methicillin-resistant *Staphylococcus aureus*. *Journal of intercultural ethnopharmacology*, 5(4), 358–363. <https://doi.org/10.5455/jice.20160906035020>.
18. Ekambaram, S. P., **Perumal, S. S.**, & Annamalai, U. (2016). Decolorization and biodegradation of remazol reactive dyes by *Clostridium* species. *3 Biotech*, 6(1), 20. <https://doi.org/10.1007/s13205-015-0335-0> (IF: 2.8).

19. Priya, E. S., **Selvan, P. S.**, & Marudhupandian, K. (2015). Comparative analysis of isoflavone and protein content in different varieties of Glycine max (L.) Merrill. *JPC–Journal of Planar Chromatography–Modern TLC*, 28, 48-53. <https://doi.org/10.1556/JPC.28.2015.1.8> (IF: 1.088).
20. Priya, E. S., **Selvan, P. S.**, & Yavanarajan, A. (2015). Chemotypic variation in clove oil and lemongrass oil obtained from three different geographical locations of India. *J Pharmacogn Nat Prod*, 1(102), 2472-0992. <https://dx.doi.org/10.4172/2472-0992.1000102> (IF: 1.52).
21. Moorthy, P., Ekambaram, S. P., & **Perumal, S. S.** (2014). Synthesis, characterization and antimicrobial evaluation of imidazolyl thiazolidinedione derivatives. *Arabian journal of chemistry*, 12(3), 413-419. <https://doi.org/10.1016/j.arabjc.2014.08.010> (IF: 3.613).
22. **Perumal SS**, Ekambaram SP, Raja S. Analytical method development and validation of simultaneous estimation of rabeprazole, pantoprazole, and itopride by reverse-phase high-performance liquid chromatography. *Journal of food and drug analysis*. 2014 Dec;22(4):520-526. <https://doi.org/10.1016%2Fj.jfda.2014.05.003> (IF: 6.157).
23. Sanmuga Priya, E., **Senthamil Selvan, P.**, & Umayal, A. N. (2015). Biodegradation studies on dye effluent and selective remazol dyes by indigenous bacterial species through spectral characterisation. *Desalination and Water Treatment*, 55(1), 241-251. <https://doi.org/10.1080/19443994.2014.913999> (IF: 1.272).
24. Priya, E. S., **Selvan, P. S.**, & Prakash, P. P. (2013). HPTLC method development and validation for simultaneous analysis of Emodin and Chrysophanol in Cassia tora Linn methanolic extract. *Journal of Liquid Chromatography & Related Technologies*, 36(18), 2525-2533. <https://doi.org/10.1080/10826076.2012.723087> (IF : 1.467).
25. E. Sanmuga Priya, **P. Senthamil Selvan** and R. Tamilselvan, 2012. Phytochemical Investigation of Allophylus serratus Kurz Leaves by UV and GC-MS Analysis. *Research Journal of Phytochemistry*, 6: 17-24. DOI:10.3923/rjphyto.2012.17.24.
26. Ekambaram, S. P., **Perumal, S. S.**, & Subramanian, V. (2011). Strychnos potatorum Linn Seed Extract Enhances Lysosomal Membrane Stability and Collagen Formation in Freund's Complete Adjuvant-Induced Arthritic Rats. *Journal of herbs, spices & medicinal plants*, 17(4), 392-402. <https://doi.org/10.1080/10496475.2011.632115>.

27. Rajavel A, Sanmuga Priya. E, **Senthamil Selvan. P**, Rajagopal K, Durga Mallikarjuna Rao. (2011). Stability indicating method development and validation for the determination of Lacidipine in tablets. *International Research Journal of Pharmacy*. 2(5), 157-161.
28. Ekambaram, S. P., **Perumal, S. S.**, & Subramanian, V. (2011). Assessment of the in-vivo and in-vitro antioxidant potential of *Strychnos potatorum* Linn. seeds in Freund's adjuvant induced arthritic rats. *Journal of Medicinal Plants Research*, 5(19), 4780-4787.
29. E. Sanmuga priya, **P. Senthamil Selvan**, S. Venkataraman. (2010). Evaluation of antiarthritic activity of *Strychnos potatorum* Linn seeds in Freund's adjuvant induced arthritic rat model. *BMC- Complementary and Alternative medicine*, 10:56. <https://doi.org/10.1186/1472-6882-10-56>. **(IF: 2.94)**.
30. A.Puratchikody, A.Umamaheswari, P.Sudhakar, **P.Senthamil Selvan**, S.M.M.Rahman; Synthesis and validation of RP-HPLC method for the indole hydroxyhexanamide as potential histone deacetylase inhibitor; *Journal of Pharmacy and Pharmacology*; 62(10); 1212-1213; 2010. ISSN: 0022-3573. **(IF: 3.765)**.
31. **P.Senthamil Selvan**, T.K.Pal; Chromatography-mass spectrometry method for the Quantitation of metoprolol succinate and simvastatin in human blood plasma; *Journal of Pharmaceutical and Biomedical Analysis*; 49(3); 780-785; 2009. <https://doi.org/10.1016/j.jpba.2008.12.031>. **(IF: 3.571)**.
32. Uttam Bhaumik, Animesh Ghosh, Amlan Kanti Sarkar, Anirbandeep Bose, **P.Senthamil Selvan**, Pinaki Sengupta, Uday Sankar Chakraborty, Debotri Ghosh, Tapan Kumar Pal; Determination of ranolazine in human plasma by LC-MS/MS and its application in bioequivalence study; *Journal of Pharmaceutical and Biomedical Analysis*; 48 (5); 1404-1410; 2008. <https://doi.org/10.1016/j.jpba.2008.09.033>. **(IF: 3.571)**.
33. K.V.Gowda, D.S.Rajan, U.Mandal, **P.Senthamil Selvan**, W.D.Sam Solomon, A.Bose, A.K.Sarkar, T.K.Chattaraj, T.K.Pal; Evaluation of bioequivalence of two formulations containing 100 mg of Aceclofenac; *Drug Development & Industrial Pharmacy*; 32(10); 1219-1225; 2008. <https://doi.org/10.1080/03639040600608805>. **(IF: 3.727)**.
34. Amlan Kanti Sarkar, Debotri Ghosh, Ayan Das, **P.Senthamil Selvan**, K.Veeran Gowda, Uttam Mandal, Anirbandeep Bose, Sangeeta Agarwal, UttamBhaumik, T.K.Pal; Simultaneous determination of metoprolol succinate and amlodipine besylate in

- human plasma by liquid chromatography tandem mass spectrometry method and its application in bioequivalence study; *Journal of Chromatography B: Biomedical Sciences and Applications*; 873 (1); 77-85; 2008. <https://doi.org/10.1016/j.jchromb.2008.07.040>. (IF: 3.318).
35. U.Mandal, VeeranK.Gowda, A.Ghosh, **P.Senthamil Selvan**, W.D.Sam Solomon, T.K.Pal; Development of Dissolution Medium for Glipizide; *Asian Journal of Chemistry*; 20(4); 2651-2656; ISSN: 0970-7077; 2008.
36. W.D.Sam Solomon, **P.Senthamil Selvan**, K.Veeran Gowda, U.Mandal, T.K.Pal; Evaluation of bioequivalence of two formulations containing 200 mg of Ketoconazole; *Asian Journal of Chemistry*; 19(7); 5365-5371, 2008.
37. K.Veeran Gowda, U.Mandal, **P.Senthamil Selvan**, W.D.Sam Solomon, A.Ghosh, A.K.Sarkar, S.Agarwal, T.N.Rao, T.K.Pal; Liquid chromatography tandem mass spectrometry method for simultaneous determination of metoprolol tartrate and ramipril in human plasma; *Journal of Chromatography B: Biomedical Sciences and Applications*; 858(1-2); 13-21; 2007. <https://doi.org/10.1016/j.jchromb.2007.07.047>. (IF: 3.318).
38. **P.Senthamil Selvan**, K.Veeran Gowda, U.Mandal, W.D.Sam Solomon, T.K.Pal; Determination of Duloxetine in human plasma by liquid chromatography with atmospheric pressure ionization tandem mass spectrometry and its application to pharmacokinetic study; *Journal of Chromatography B: Biomedical Sciences and Applications*; 858(1-2); 269-275; ISSN: 0378-4347; 2007. <https://doi.org/10.1016/j.jchromb.2007.09.002>. (IF: 3.318).
39. **P.Senthamil Selvan**, K.Veeran Gowda, U.Mandal, W.D.Sam Solomon, T.K.Pal; Simultaneous determination of fixed dose combination of Nebivolol and Valsartan in human plasma by liquid chromatography tandem mass spectrometry and its application to pharmacokinetic study; *Journal of Chromatography B: Biomedical Sciences and Applications*; 858(1-2); 143-150; ISSN: 0378-4347; 2007. <https://doi.org/10.1016/j.jchromb.2007.08.016>. (IF: 3.318).
40. Sangita Agarwal, W.D.Sam Solomon, K.Veeran Gowda, **P.Senthamil Selvan**, Debotri Ghosh, AmlanKanti Sarkar, Tapas Kumar Chattaraj, Tapan Kumar Pal; Bioequivalence study of a fixed dose combination of nitazoxanide and ofloxacin in Indian healthy volunteers; *Arzneimittelforschung*; 57(10); 679-83; 2007. <https://doi.org/10.1055/s-0031-1296667>. (IF:2.2).

41. Uttam Mandal, Veeran Gowda, Animesh Ghosh, **Senthamil Selvan Perumal**, Sam Solomon, Tapan Kumar Pal; Formulation and Optimization of Sustained Release Matrix Tablet of Metformin HCl 500 mg Using Response Surface Methodology; *Yakugaku Zasshi*; 127(8); 1281-90; ISSN: 0031-6903; 2007. <https://doi.org/10.1248/yakushi.127.1281>. (IF: 0.314).
42. K. Veeran Gowda, D.S. Rajan, U. Mandal, **P. Senthamil Selvan**, W.D. Sam Solomon, A. Bose, A.K. Sarkar, T.K. Chattaraj, T.K. Pal; "Bioequivalence study of fixed dose combination of Atorvastatin/Ezetimibe tablet in healthy volunteers by LC-MS/MS method; *Asian Journal of Chemistry*; 19(2); 1293 -1300; ISSN: 0970-7077; 2007.
43. **P. Senthamil Selvan**, R. Gopinath, V.S. Saravanan, N. Gopal, A. Saravana Kumar, K. Periyasamy; Simultaneous Estimation of Paracetamol and Aceclofenac in Combined Dosage Forms by RP-HPLC Method; *Asian Journal of Chemistry*; 19(2); 1004-1010; ISSN: 0970-7077; 2007.
44. **P. Senthamil Selvan**, R. Gopinath, V.S. Saravanan, K. Periyasamy; Simultaneous Estimation of Paracetamol and Valdecoxib in Combined Dosage Forms by RP-HPLC Method; *Asian Journal of Chemistry*; 19(2); 1011-1016; ISSN: 0970-7077; 2007.
45. V.S. Saravanan, **P. Senthamil Selvan**, N. Gopal, Jayanta Kumar Gupta; Synthesis and pharmacological evaluation of some indonone-3-acetic acid derivatives; *Asian Journal of Chemistry*; 18(4); 2597-2604; ISSN: 0970-7077, 2006.
46. **P. Senthamil Selvan**, R. Gopinath, V.S. Saravanan, N. Gopal; Simultaneous Estimation of Levocetirizine, Ambroxol, Phenylpropanolamine and Paracetamol in Combined Dosage Forms by RP-HPLC Method; *Asian Journal of Chemistry*; 18(4); 2591-2596; ISSN: 0970-7077; 2006.
47. V.S. Saravanan, **P. Senthamil Selvan**, N. Gopal, Biplap De, Jayanta Kumar Gupta; Synthesis and antibacterial activity of some 4-substituted 2-phenyl oxazole-5-(4H) one derivatives; *Asian Journal of Chemistry*; 18(4); 2511-2514; ISSN: 0970-7077; 2006 .
48. **P. Senthamil Selvan**, R. Gopinath, V.S. Saravanan, N. Gopal; Simultaneous Estimation of Tizanidine and Valdecoxib in Combined Dosage Forms by RP-HPLC Method; *Asian Journal of Chemistry*; 18(4); 2505-2510; ISSN: 0970-7077; 2006.
49. Sampath Saravanan, **Perumal Senthamil Selvan**, Natesan Gopal, Jayanta Kumar Gupta, Biplap De; Synthesis and Antibacterial Activity of Some Imidazole-5- (4H) one Derivatives; *Archiv der Pharmazie*; 338(10); 488-492; ISSN: 0365-6233; 2005. <https://doi.org/10.1002/ardp.200400944> (IF: 4.613).

National Journals:

1. Priya, E. S., **Selvan, P. S.**, & Arshad, A. S. (2018). Analysis of in vitro and in silico anti-hyperglycaemic action of bioflavonoids isolated from different citrus peels. *Current science*, 115(10), 1928-1937. **(IF: 1.169)**.
2. **Senthamil Selvan P**, Sanmuga Priya E; Determination of ethanol content in ayurvedic formulations *kumaryasava* and *mustakarista* by gas chromatography; *Indian Journal of Pharmaceutical Sciences*; 77(1); 120-125. <https://doi.org/10.4103/0250-474x.151600> **(IF: 0.97)**.

➤ **Sponsored Research Projects:**

S.No	Name of the Project	Funding Agency	Project Value (Rs.)	Duration	Status
1.	Identification of S100 proteins binding distinct DAMP receptors and its activated signaling pathways that cause formation of NLRP3 inflammasome – development of specific S100 inhibitors (Co-PI)	ICMR, New Delhi, GoI	24.00 lakhs	2022 – 2024	Ongoing

➤ **List of Seminar/Short Term Course/FDP/Workshop Organized:**

1. Webinar on “Preclinical safety evaluation of herbal products” on 25.07.2020 Resource person: Dr.S.Gopumadhavan, Principal Scientist, Himalaya Drug Co., Bengaluru – Coordinator.
2. TEQIP II sponsored Faculty Development Programme – New perspectives in drug Discovery and Progressive Technological Developments NPDPTD 2015 during 4th May – 17th May 2015 – Coordinator.

➤ **List of Seminar/Short Term Course/FDP/ Workshop Attended:**

1. Participated and completed Three weeks Industrial Training on Communication and networking Technologies organized by Rajiv Gandhi Telecom Training Centre (RGM TTC), BSNL Tamil Nadu Telecom Circle at BSNL Trichy on 30.06.2020 to 20.07.2020.
2. Attended an International Webinar series on Recent Advance in Biomaterials and Biosciences (RABB-2020) organized by Department of Analytical Chemistry, University of Madras, Guindy Campus, Chennai and sponsored by Abinnovus consulting private Limited-India society for biomaterials and artificial organs India (SBAOI), Chennai on 27.07.2020 to 31.07.2020.
3. Participated and completed an UGC sponsored Refresher course in Educational Technology (Multidisciplinary) organized by UGC-Human Resource Development Centre Bharathidasan University, Tiruchirappalli from 06.12.2019 to 19.12.2019.
4. TEQIP sponsored faculty development program on Advanced Technologies for Societal Applications (ATSA'16) held from 06.06.2016 TO 19.06.2016 organized by Department of Petrochemical Technology, Anna University, BIT Campus, Tiruchirappalli.
5. Participated in the workshop on “Strategic Development Quality by Design” organized by Department of Pharmaceutics, Faculty of Pharmacy, Sri Ramachandra University, Chennai on 12.03.2016.
6. TEQIP – II sponsored Two Weeks FDP on Advanced Research in Materials for Engineering and Technological Applications (ARMETA-2015), 17-07-2015 to 30-07-2015 organized by Department of Physics, Anna University, BIT Campus, Tiruchirappalli.
7. TEQIP – II sponsored FDP on Thermal Engineering Applications for Sustainable Improvement (TEASI'15) from 15.06.2015 to 28.06.2015, Organized by Department of Mechanical Engineering Anna University, BIT Campus, Tiruchirappalli - 620 024.
8. TEQIP – II Sponsored FDP on Multidisciplinary Perspectives for Pharmaceutical, Life – Sciences Educators and Researchers from 09.12.2013 to 15.12.2013 organized at Department of Pharmaceutical Technology, Anna University BIT Campus, Tiruchirappalli – 620 024.

➤ **National/International Conferences Organized/Participated:**

1. Participated in 2nd National Conference on “*Regenerative Medicine & Stem cell Research*” on 6th – 7th April 2018 held at Dhanalakshmi Srinivasan Medical College & Hospital, Perambalur.
2. Participated in a “National Symposium on Regenerative Medicine – Are stem cells a Magic bullet?” held on 3rd June 2017 at Dhanalakshmi Srinivasan Medical College & Hospital, Perambalur.
3. Attended the National workshop on “Good Clinical practices, Bioethics & Conference on Strategies in Conducting Clinical Trials” on 24th and 25th March 2017 organized by the Institutional Ethical Committee (Human Studies), Dhanalakshmi Srinivasan Medical College & Hospital, Perambalur.
4. Presented a paper on the topic “Calophyllum Inophyllum – Its potential as in vivo antiarthritic agent in the conference “Phytochemicals as Biotherapeutics – Unraveling the mystery of Natural Products (HERBESCON 2016) at Department of Biomedical Sciences, Sri Ramachandra University, Chennai from 17.02.2016 to 18.02.2016.
5. Participated in the National conference on “Sustainable Institute Industry Partnership” on 25.08.2014 to 26.08.2014 at IIT Madras, Chennai organized by SEED (Society for Educational and Entrepreneurship Development Chennai).

(A) Guest Lectures Delivered:

1. Invited lecture on a webinar in the topic “Preclinical Drug Development – Challenges Ahead” organized by GRID Health Care Partners Pvt Ltd from 21.05.2021 to 21.05.2021.
2. Invited lecture on Current Aspects of Drug Discovery and Development at the Department of Chemistry, Anna University, BIT Campus, Tiruchirappalli on 29.07.2016.
3. Invited lecture on the topic “Preclinical studies on Medicinal Plants – To develop novel anti-arthritis agent” Department of Chemistry, Anna University, BIT Campus, Tiruchirappalli on 28.07.2016.
4. Invited lecture on the topic “Fourier Transform – infrared Spectroscopy; Instrumentation and Application in Pharmaceuticals” in the Department of Physics,

University College of Engineering, BIT Campus, Anna University, Tiruchirappalli on 22.07.2016.

5. Invited lecture on the topic “UV/Visible Spectroscopy Instrumentation and Application in Pharmaceuticals” in the Department of Physics, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli on 22.07.2016
6. Hands on training on Sophisticated Instruments – Department of Pharmaceutical Technology, National Facility for Drug Development, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli.
7. Invited talk on the topic “Current trends in Standardization of Herbal Medicine and Supplements using Modern Analytical Techniques” in the Department of Pharmaceutical Technology, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli on 09.05.2015.

(B) Chairperson for Conferences/Seminar/Technical Symposia:

1. Chief Guest – Convocation on 12.10.2023 at Government ITI Andimadam, Ariyalur District.
2. Chief Guest – National Engineer’s Day on 15.09.2023 at Meenakshi Ramaswamy Engineering College, Ariyalur.
3. Chief Guest – National Engineer’s Day on 15.09.2023 at Reddipalayam Cement Works, UltraTech Cements, Aditya Birla Groups, Ariyalur.

DECLARATION:

I certify that the information furnished above is correct and true to the best of my knowledge and belief.



Signature of the Staff Member