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Educational Qualification

- (i) Ph.D.,
- (ii) M.Pharm.
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Specialization: **Pharmaceutical Technology**

Professional Experience

- Professor (2009 – Present): Bharathidasan Institute of Technology, Anna University, Tiruchirappalli

Paper Publications

International:

[1] **P.Senthamil Selvan**, T.K.Pal, “Chromatography-mass spectrometry method for the Quantitation of metoprolol succinate and simvastatin in human blood plasma”, *Journal Pharmaceutical Biomedical Analysis*, 49(5), 780-785 (2009). Impact factor: 2.947

[2] **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 (2007). Impact factor: 2.777

[3] **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 (2007). Impact factor: 2.777

[4] 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*, 558(1-2), 13-21 (2007), Impact factor: 2.777

[5] Amlan Kanti Sarkar, Debotri Ghosh, Ayan Das, **P.Senthamil Selvan**, K.Veeran Gowda, Uttam Mandal, Anirbandeep Bose, Sangeeta Agarwal, Uttam Bhaumik, 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). Impact factor: 2.777

[6] 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 (2006). Impact factor: 1.049

[7] Sangita Agarwal, W.D.Sam Solomon, K.Veeran Gowda, **P.Senthamil Selvan**, Debotri Ghosh, Amlan Kanti 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). Impact factor: 0.778

[8] **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 J. Chem.*, 18(4), 2505-2510 (2006). Impact factor: 0.201

[9] **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 J. Chem.*, 18(4), 2591-2596 (2006). Impact factor: **0.201**

[10] **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 J. Chem.*, 19(2), 1004-1010 (2007). Impact factor: **0.201**

[11] **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 J. Chem.*, 19(2), 1011-1016 (2007). Impact factor: **0.201**

[12] 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 J. Chem.*, 19(7), 5365-5371 (2007). Impact factor: **0.201**

[13] W.D.Sam Solomon, **P.Senthamil Selvan**, K.Veeran Gowda, U.Mandal, TK.Pal, “Validated HPLC method for quantification of Ornidazole in human plasma–Application to Bioequivalence study”, *Asian J. Chem.*, 20(6), 4361-4368 (2008). Impact factor: **0.201**

[14] V.S.Saravanan,**P.Senthamil Selvan**, “Synthesis and pharmacological evaluation of some indonone-3-acetic acid derivatives”, *Asian J. Chem.*, 18(4), 2597-2604 (2006). Impact factor: **0.201**

[15] V.S.Saravanan, **P.Senthamil Selvan**, “Synthesis and antibacterial activity of some 4-substituted 2-phenyl oxazole-5 -(4H) one derivatives”, *Asian J. Chem.*, 18(4), 2511-2514 (2006). Impact factor: **0.201**

[16] 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 – Chemistry in Life Sciences (Arch. Pharm. Chem. Life Sci.)* 338(10), 488-492 (2005). Impact factor: **1.429**

[17] 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 J. Chem.*, 19(2), 1293 -1300 (2007). Impact factor: **0.201**

[18] Uttam Mandal, Veeran Gowda, Animesh Ghosh, Senthamil Selvan, 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 (2007). Impact factor: **0.404**

[19] U.Mandal, Veeran K.Gowda, A.Ghosh, P.Senthamil Selvan, W.D.Sam Solomon, T.K.Pal, “Development of Dissolution Medium for Glipizide”, *Asian J. Chem.*, 20(4), 2651-2656 (2008). Impact factor: **0.201**

[20] 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). Impact factor:1.7

[21] E.Sanmuga Priya, **P.Senthamil Selvan**, S.Venkataraman, “Evaluation of Antiarthritic activity of *Strychnos potatorum* Linn seeds in Freund's adjuvant induced arthritic rat model”, *BMC-Complementary and Alternative Medicine*, 10(56), 2010. Impact factor: 1.940

[22] E.Sanmuga Priya, **P.Senthamil Selvan**, S.Venkataraman, “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 (2011). Impact factor: 0.590

[23] A.Rajavel, E.Sanmuga Priya, **P.Senthamil Selvan**, K.Rajagopal, Durga Mallikarjuna Rao, “Stability indicating method development and validation for the determination of Lacidipine in tablets”, *International Research Journal of Pharmacy*, 2(5) 157-161 (2011).

[24] Sanmuga Priya Ekambaram, **Senthamil Selvan Perumal**, Venkataraman Subramanian, “*Strychnos potatorum* Linn seed extract enhance lysosomal membrane stability and collagen formation in Freund's complete adjuvant induced arthritic rats”, *Journal of Herbs, Spices & Medicinal plants*, 17, 392-402 (2011).

[25] E.Sanmuga Priya, **P.Senthamil Selvan**, R.Tamilselvan, “Phytochemical Investigation of *Allophylus serratus* Kurz Leaves by UV and GC-MS Analysis”, *Research Journal of Phytochemistry*, 6(1) 17-24 (2012).

[26] E.Sanmuga Priya, **P.Senthamil Selvan**, P.Prakash, 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, 2525-2533 (2013). Impact factor: 0.884

[27]. E. Sanmuga Priya, **P. Senthamil Selvan**, Umayal A.N. Biodegradation studies on dye effluent and selective remazol dyes by indigenous bacterial species through spectral characterization. *Desalination and Water Treatment*, 2014 – <http://dx.doi.org/10.1080/19443994.2014.913999> IF: 0.852

[28]. **P. Senthamil Selvan**, E. Sanmuga Priya, R. Samundeswari. RP-HPLC method development and validation of simultaneous determination of Rabeprazole, Pantoprazole and Itopride. *Journal of food and drug analysis*, 2014 – Accepted. IF: 0.33

Review Articles

[1]. E. Sanmuga Priya, **P. Senthamil Selvan**. Water Hyacinth (*Eichhornia crassipes*) - an efficient and economic adsorbent for textile effluent treatment - A review. *Arabian Journal of Chemistry*, 2014, DOI: 10.1016/j.arabjc.2014.03.002 IF: 2.266

Book/Book Chapter

[1]. E. Sanmuga Priya, **P. Senthamil Selvan**. Discovery of Novel Lead Molecules from Plant Sources" Vol.7: Drug Discovery. Recent Developments in Biotechnology. Publisher: Studium press LLC. USA – In press.

[2]. E. Sanmuga Priya, **P. Senthamil Selvan**, A.A. Syed. Monograph on *Eugenia jambolanum*. **Phytotherapy in the Management of diabetes and hypertension – Vol 2. Bentham Science publishers, - On preparation.**

[3]. **P.Senthamil Selvan, E.Sanmuga Priya, Dhanam T.** Monograph on *Coccinia indica*. **Phytotherapy in the Management of diabetes and hypertension – Vol 2. Bentham Science publishers - On preparation.**

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