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Research Interests: Synthesis of small heterocycles with antidiabetic and anti-inflammatory activities; their *in silico*, *in vitro* and *in vivo* screening methodologies; QSAR predictions.

Education:

1. M. Pharmacy [2003-2005]: Pharmaceutical Chemistry, Institute of Pharmaceutical Technology, Sri Padmavati Mahila Visvavidyalayam, Tirupati, 500102, India.
2. B. Pharmacy [1999-2002]: Institute of Pharmaceuticeutical Technology, Sri Padmavati Mahila Visva Vidyalayam, Tirupati, 500102, India.
3. Intermediate [1996-1998]: Bhadrachalam Public School and Junior College, Sarapaka, 507128, India.

Teaching Experience: 9 Years

1. Senior Assistant Professor (August 2010 –till date), Dept of Pharmaceutical Chemistry, Gokaraju Rangaraju College of Pharmacy, Hyderabad, Andhra Pradesh, India.
2. Assistant Professor (August 2005–July 2010), Dept of Pharmaceutical Chemistry, Gokaraju Rangaraju College of Pharmacy, Hyderabad, Andhra Pradesh, India.

Representative Publications:

1. Swathi N, Durai Ananda Kumar T, Subrahmanyam CVS, Satyanarayana K. Synthesis and *in silico* drug likeness evaluation of N,5-disubstituted-1,3-thiazolidine-2,4-dione analogues. *J Pharm Res.* 2013; 6:107-111.
2. Swathi N, Ramu Y, Subrahmanyam CVS, Satyanarayana K. Synthesis, quantum mechanical calculation and biological evaluation of 5-(4-substituted aryl/heteroaryl methylidene)-1,3-thiazolidine-2,4-diones. *Int J Pharm Pharm Sci.* 2012; 4(1):561-566.
3. Swathi N, Durai Ananda Kumar T, Haribabu K, Subrahmanyam CVS. Synthesis and biological evaluation of substituted thiazolamines, imidazo[2,1b]thiazol-6(5H)-ones, thiazolo[3,2-a]pyrimidin-5-ones and thiazolyl thioureas. *Indian J Het Chem.* 2012; 21:263-268.
4. Swathi N, Sreedevi A, Bharathi, K. Evaluation of nephroprotective activity of fruits of *Ficus hispida* on cisplatin-induced nephrotoxicity. *Phcog J.* 2011; 3(22):62-68.
5. Swathi N, Durai Ananda Kumar T, Yuvaraj S, Subrahmanyam CVS. Proton pump inhibitors. *Hygeia*, 2009; 1(1):28-32.

Conference Publications:

1. Oral presentation in Innovate-13, 3rd and 4th September 2013, Pulla Reddy College of Pharmacy, Hyderabad. Synthesis and QSAR analysis of N,5-disubstituted thiazolidine-2,4-diones as potential antioxidants.
2. Poster presentation in 1st International conference on Innovative Pharmacy and Pharmaceutical Sciences on 16th April 2012, Bhopal, India. Swathi N, Durai Ananda Kumar T, Subrahmanyam CVS, Satyanarayana K. Synthesis and *in silico* screening of thiazolidine-2,4-dione analogues as FFAR-1 agonists.
3. Poster presentation in 60th IPC, 2008, New Delhi, India. Raghavendra NM, Gurubasavarajaswamy PM, N Swathi. *In vitro* & *In vivo* Ehrlich ascites carcinoma based antitumor activity of 2-imidazolyl-N-(4-oxo-quinazolin-3(4H)-yl)-acetamides.
4. Poster presentation in 38th Annual Conference of Indian Pharmacological Society, 28th-30th December 2005, Madras Medical College, Chennai, India.
5. Poster presentation in UGC-sponsored National seminar, 24th March 2005, Institute of Pharmaceutical Technology, Sri Padmavati Mahila Visva Vidyalayam, Tirupati, India. Swathi N, Sreedevi A, Bharathi, K. Combinatorial chemistry- Powerful tool for drug design.

Life Member of the Following National Societies:

1. Andhra Pradesh Pharmacy Council [038212/A1 dated 05-09-2003]
2. Association of Pharmaceutical Teachers of India [AP/LM-380; dated: 26-05-2008]