

RESUME

Dr. SRIDHAR BABU GUMMADI

PERSONAL DETAILS:

Date of Birth : 27 March 1977
Sex : Male
Marital status : Married
Nationality : Indian
Communication address : Srinivasa Colony,
Near Sumangali Function Hall,
Hanamakonda, Warangal-506009,
Telangana, India
Mobile: +91-9866921912
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EDUCATION:

Ph.D. (Pharmaceutical Sciences)

Kakatiya University, Warangal, India

Advisors: Prof. A.V.N. Appa Rao and Prof. B. Ravi Kumar

Dissertation title: **“Isolation of some natural products (*Caralluma* Species) and Screening them for Biological activity”**

Awarded on: October 2008, By Thesis

Masters of Pharmacy (Pharmaceutical chemistry)

Kakatiya University, Warangal, India

Thesis title: **Chemical investigation of *Caralluma stalagmifera***

Date of Graduation: April 2003, First division

Bachelor of Pharmacy (Pharmaceutical Sciences)

Kakatiya University, Warangal, India

Date of Graduation: November 2000, First division

EMPLOYMENT HISTORY

Working as Professor & Principal, Sri Shivani College of Pharmacy, Mulugu Road, Warangal, Andhra Pradesh, India from 24th August 2016 to till date.

Working as Professor & Principal, Pragathi Pharmacy College, Jangaon, Warangal, Andhra Pradesh, India from 1st June 2009 to 23rd August 2016.

Worked as an Associate Professor, Talla Padmavathi College of Pharmacy, Orus, Warangal, Andhra Pradesh, India from 17th October 2008 to 31st May 2009.

Worked as an Assistant Professor, Talla Padmavathi College of Pharmacy, Orus, Warangal, Andhra Pradesh, India from 10th April 2003 to 16th October 2008.

Professional Appointments:

Chief Superintendent, Graduate & post graduate level Examinations, Sri Shivani College of Pharmacy, Kakatiya University University, Warangal.

Chief Superintendent, Graduate & post graduate level Examinations, Pragathi Pharmacy college, Jawaharlal Nehru Technology University, Hyderabad.

Internal & External Examiner for Graduate level Examinations, Kakatiya University, Warangal.

Internal Examiner for post Graduate level Examinations, Kakatiya University, Warangal.

Internal & External Examiner for Graduate level Examinations, Jawaharlal Nehru Technology University, Hyderabad.

Internal & External Examiner for Graduate level Examinations, Osmania University, Hyderabad.

Internal & External Examiner for Post Graduate level Examinations, Jawaharlal Nehru Technology University, Hyderabad.

Academic Skills:**Doctoral level:**

Approved Supervisor for Faculty of Pharmaceutical Technology, Jawaharlal Nehru Technology University, Hyderabad and NIMS University, Rajasthan. Presently 4 research scholars are working under my supervision.

PG level:

Teaching / taught: Spectroscopic methods for identification of Organic compounds, Advanced Organic Chemistry, Advanced Medicinal Chemistry I & II, Advanced Chemistry of Natural Products.

Approved supervisor for kakatiya University & Jawaharlal Nehru Technology University, to guide post-graduate thesis work and successfully completed 50 thesis works in synthetic organic chemistry, Pharmaceutical Analytical Chemistry and Pharmaceutics.

Presently supervising 5 PG students on Pharmaceutical Analytical Chemistry & Phytochemistry disciplines.

UG level:

Pharmaceutical Organic Chemistry I & II, Biochemistry, Analytical Chemistry, Pharmaceutical Analysis, Medicinal Chemistry I & II, Pharmaceutical Jurisprudence.

Research Experience:

Isolated two new and novel Pregnane Glycosides from *Caralluma ads.var.fimbriata*.

Isolated three new and novel bisdesmosidic pregnane glycosides from *Caralluma pauciflora*.

Isolated four new and novel steroidal glycosides from *Caralluma stalagmifera*.

Characterized and determined the chemical structures for isolated isolates by spectral analysis.

Experienced in planning and execution of various kinds of synthetic reactions

Efficient in handling corrosive chemicals, reactions in presence of gases, anhydrous reactions.

Handling laboratory animal experiments in accordance with standard animal ethical committee regulations related to evaluation of novel molecules as antimicrobial, anti-inflammatory, antidiabetic and anticancer agents.

Technical skills:

Capable of handling analytical methods like Analytical HPLC, TLC, HPTLC and UV-Spectrophotometer.

Expertise in isolation and purification of natural compounds.

Dexterous in handling various purification methods like Column Chromatography, Flash Chromatography, Vacuum Liquid Chromatography, Chromatotron, Preparative HPLC. Expertise in interpreting the spectra like UV, IR, ¹H-NMR, ¹³C-NMR, MASS and 2D-NMR techniques like DQF-COSY, DEPT, HSQC (HMQC), HMBC, TOCSY, HSQC-TOCSY in structure elucidation.

Patents:

- 1) **Patent No: 201741006021, Preparation of Rosuvastatin Formulation for treating Human Oral Squamous Cell Carcinoma.**

Number of Books : 2

Research Publications:

- 1) *Novel steroidal glycosides from two Indian Caralluma species, C.stalagmifera & C.indica.* Olaf Kunert, Belvotagi Venkatrao Adavirao, **Gummadi Sridhar Babu**, Medaboyina Padmavathi, Bobbala Ravi Kumar, Robert Michael Alex, Wolfgang Schuehly, Nebojsa Simic, Doris Kuhnelt, Achanta Venkata Narasimha Appa Rao. *Helvetica Chimica Acta*, 89 (2), 201-209, 2006.
- 2) *Pregnane Glycosides from Caralluma adscendens var. fimbriata.* Olaf Kunert, Vijayalakshmi Gurunath Rao, **Gummadi Sridhar Babu**, P.Sujatha, Malayalam Sivagamy, Sandala Anuradha, Belvotagi Venkatrao Adavirao, Bobbala Ravi Kumar, Robert Michael Alex, Wolfgang Schuehly, Doris Kuhnelt, Ghanakota Venkateshwara Rao and Achanta Venkata Narasimha Appa Rao. *Chemistry and Biodiversity*, Vol. 5, 2008, 239-250.
- 3) *Cycloartane Triterpenes from Dikamali, the Gum Resin of Gardenia gummifera and Gardenia lucida.* Olaf Kunert, Gandhe Sreekanth, **Gummadi Sreedhar Babu**, Belvotagi VenkatRao Adavi Rao, Marupaka Radhakishan, Bobbala Ravi Kumar, Robert Saf, Achanta Venkata Narasimha Appa Rao, and WolfgangSchuehly, *Chemistry and Biodiversity*, Vol. 6, 2009,1185-1192.
- 4) *Synthesis, Characterization and Evaluation of Novel N-(1H-Benzimidazol-2-Yl)-2-Isatinylidene-Hydrazinecarboxamide Derivatives as Anti-Inflammatory Agents;* **Gummadi Sridhar Babu**, Nanam Rajani, Puttireddy S Malathy, Bethi Srinivas, Umasankar Kulandaivelu, Jupally Venkateshwar Rao, *Der Pharma Chemica*, 2010, 2(3):196-204.
- 5) *Synthesis, Characterization and Evaluation of Novel substituted benzo-indolylidene acetohydrazide Derivatives as Anti-Microbial Agents;* **Gummadi Sridhar Babu**, Tatiparthi Swathi, Puttireddy S Malathy, Bethi Srinivas, Umasankar Kulandaivelu, Jupally Venkateshwar Rao, Nerella Raghunandan, *Der Pharmacia Lettre*, 2010, 2(4): 408-415.
- 6) *Synthesis and Screening of New Isatin Derivatives;* B.Srinivas, V.Rajini Priya, **G.Sridhar Babu**, J.Venkateshwar Rao, P.S. Malathy, K.Raja Manohar, B.Chandara Prakash, L.Srikanth, *Der Pharma Chemica*, 2010,2(6):378-384.

- 7) *Minor Pregnanes from Caralluma adscendens var. gracilis and Caralluma pauciflora*; Kommedi Devender Reddy, Belvotagi VenkatRao Adavi Rao, **Gummadi Sridhar Babu**, Bobbala Ravi Kumar, Alessandra Braca, Antonio Vassalo, Nunziatina De Tommasi, Ghankota Venkateshwar Rao, Achanta Venkata Narasimha Appa Rao, *Fitoterapia*, Vol. 82, 2011,1039-1043.
- 8) *Synthesis and Pharmacological Evaluation of 2-Phenyl-Quinazolin-4(3H)-ones*; Aravinda Reddy, **Sridhar Babu Gummadi**, B.Aswini Sailaja, Malathy Putti R. Subramanya Reddy, *Journal of Pharmaceutical and scientific innovation*, 1(2), 2012, 33-36.
- 9) *Microwave mediated Synthesis of some Diaryl Piperidine-4-one Derivatives*; Kiran Kumar S, **G Sridhar Babu**, Kishore Kumar S, Praveen Kumar Jampanna, *International journal of biological and Pharmaceutical Research*, 3(1), 2012, 48-50.
- 10) *Formulation and Evaluation of Fast Dissolving Tablets of Carbamazepine by Direct Compression Using Superdisintegrants*; **G Sridhar Babu**, N Y Dileep Kumar, Jhansirani Veeram, P S Malathy, B Sandeepthi, *International Journal of Pharmaceutical Sciences Letters*, Vol. 4 (4), 2014, 432-436.
- 11) *Formulation and In-vitro Evaluation of Controlled Release Matrix Tablets of Isoniazide*; **G Sridhar Babu**, D Vijay Kumar, B Sandeepthi, P S Malathy, N Y Dileep Kumar; *International Journal of Pharmaceutical Sciences Letters*, Vol. 4 (5), 2014, 459-464.
- 12) *Formulation and In-vitro Characterization of Sustained Release Matrix Tablets of Metformin hydrochloride*; **G Sridhar Babu**, D Vijay Kumar, M Aishwarya, P S Malathy, R Redya Naik; *Journal of Global Trends in Pharmaceutical Sciences*, Vol. 5(4), 2014, 2085-2092
- 13) *Preparation and Evaluation of Atorvastatin Calcium Porous Tablets by Sublimation Technique*; **G Sridhar Babu**, D Venkatadri, D Vijay Kumar, D Y Dileep Kumar, P S Malathy, R Redya Naik, *Journal of Global Trends in Pharmaceutical Sciences*, Vol. 5(4), 2014, 2139-2144.
- 14) *Formulation and In-vitro Evaluation of Gastro retentive Floating Tablets of Glipizide*; **G Sridhar Babu**, D Vijay Kumar, D Venkatadri, K Vijay Krishna, D Vamshi *International Journal of Pharmaceutical Sciences Letters*, Vol. 4 (6), 2014,
- 15) *Formulation and Evaluation of Oral Dispersible tablets of Clopidogrel Bisulphate by Solid Dispersion Methods*; R Redya Naik, M Aishwarya, T Sunitha, N Yasmeen, P S Malathy, D Vijay Kumar, **G Sridhar Babu**, R Sujatha, S Srinu Naik; *Indo American Journal of Pharmaceutical Research*, Vol. 4 (7), 2014, 3152-3162.
- 16) *Formulation Development and In-vitro Evaluation of Bilayer tablets of Ramipril and Metformin Using Natural and Synthetic polymers*; **G Sridhar Babu**, D Vijay Kumar, M Rakesh, B Sandeepthi, P S Malathy; *International Journal of Pharmacy and Biological Sciences*, Vol. 4 (3), 2014, 83-95.

17) *Development and In-vitro Evaluation of Immediate release tablets of Efavirenz*; **G Sridhar Babu**, D Vijay Kumar, G Bala Krishna, R R Naik, P S Malathy; *International Journal of Pharmacy and Biological Sciences*, Vol. 4 (3), 2014, 56-65.

18) *Development and In-vitro Evaluation of Delayed Release tablets of Rabeprozole Sodium*; **G Sridhar Babu**, D Vijay Kumar, Ch Jyothi, P S Malathy, H Ramana; *International Journal of Pharmacy and Biological Sciences*, Vol. 4 (3), 2014, 11-21.

19) *Development and In-vitro Evaluation of Lovastatin tablets using Floating Drug Delivery Sysyem*; Sandeepthi Bommakanti, Lingaraj Danki, **G Sridhar Babu**, D Vijay Kumar, Md. Sharfuddin, N Y Dileep Kumar; *World Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 4 (7), 2015, 918-931.

PRESENTATIONS:

1) *Sulfated and Benzoylated Steroidal Glycosides from Caralluma pauciflora*, **G.SRIDHAR BABU**, J.S.Babu, L.Suryanarayana, G.Srikanth, B.V.A.Rao, B.Ravikumar, A.V.N.Appa Rao, O.Sterner, K.E.Bergquist. Asian Symposium on Medicinal Plants, Species and other Natural Products (ASOMPS) XIII, 3-6th November, 2008, ICT, Hyderabad, INDIA, 212.

2) *Cycloartane Triterpenes from Dikamali, the Gum Resin of Gardenia gummifera/G.lucida*, G.Srikanth, J.S.Babu, **G.SRIDHAR BABU**, B.V.A.Rao, M.Radhakrishna, B.Ravikumar, O.Kunert, W.Schuhly, R.Saf, A.V.N.Appa Rao. Asian Symposium on Medicinal Plants, Species and other Natural Products (ASOMPS) XIII, 3-6th November, 2008, ICT, Hyderabad, INDIA, 214.

3) *Formulation and Evaluation of Meloxicam Nano suspension*, Ravi Bingi, Vijay Kumar darna, Laxmi Dharaboina, **G. Sridhar Babu**. 64th IPC 7-9th Dec 2012, Chennai, India.

4) *Development and evaluation of Nevirapine liposomal gel*. Venkatesh Naram, D.Vijay Kumar, Kavitha Marati, **Sridhar Babu Gummadi**. 64th IPC 7-9th Dec 2012, Chennai, India.

5) *Formulation and In-vitro Evaluation of Gastro retentive Floating Tablets of Glipizide*; **G Sridhar Babu**, D Vijay Kumar. IPC-23-25th Jan, 2015, Hyderabad, INDIA.

Workshops/ Seminars Attended:

“Quality Improvement Programme” Sponsored by AICTE - conducted at University College of Pharmaceutical Sciences, Kakatiya University, Warangal – 25-08-2014 to 06-09-2014.

“Quality Improvement Programme” Sponsored by AICTE - conducted at University College of Pharmaceutical Sciences, Kakatiya University, Warangal – 17-03-2008 to 28-03-2008.

“Quality Improvement Programme” Sponsored by AICTE - conducted at University College of Pharmaceutical Sciences, Kakatiya University, Warangal – 30-01-2006 to 08-02-2006.

“Staff Development Programme” Sponsored by AICTE - conducted at Vikas Institute of Pharmaceutical Sciences, Rajahmundry – 26-06-2011 to 09-07-2011.

“Training Programme for the teachers of pharmacy Colleges” Sponsored by APSICHE & JNTUH- conducted at Anurag Group of Institutions, Ghatkesar- 09-06-2012 to 14-06-2012.

“Asian Symposium on Medicinal Plants, Spices and Other Natural Products”, (ASOMPS) XIII-IICT, HYd, 3-6th November 2008.

61st IPC2009 at Nirma University, Ahmedabad, 11-13th December 2009.

64th IPC2012 at SRM University, Chennai, 7-9th December 2012.

MedChem Congress 2011 at NIPER/IICT, Hyd, 25-26th February 2011.

APTICON-2010 at Shilpakala Vedika, Hyd. 2-3rd November 2010.

“Emerging Trends in Synthetic Aspects of Medicinal Chemistry” – conducted at University College of Pharmaceutical Sciences, Kakatiya University, Warangal – 28th, 29th October, 2005.

“Drug Discovery and Development – A Need Based Interaction between Academia & Industry” - conducted at University College of Pharmaceutical Sciences, Kakatiya University, Warangal – 26th, 27th March, 2004.

“The Challenges Ahead of Pharmacists in the New Millennium” – conducted at CMC&H, Vellore, Tamilnadu – 1st, 2nd February, 2002.

Student Activities:

Volunteered as a Cultural Organizer for Recipe-2002 & 2006, a mega state level cultural festival for pharmacy students, held at Warangal, India.

Volunteered as a social worker, in Janmabhoomi-2000, a state level comprehensive development programme.

Volunteered as a social worker, in Blood donation camps conducted in Talla Padmavathi College of Pharmacy, Warangal.

Chairman, Sovenir Committee member, APTI-CON 2010.

PROJECTS UNDERTAKEN:

HONORS/AWARDS

Recipient of All India Council for Technical Education sponsored project fellowship during Ph.D.

Recipient of Scholarship from the HRD Ministry, Govt of India, during M. Pharm course for qualified in national level examination, GATE – 2001.

LICENSES

Registered Pharmacist, Andhra Pradesh State Pharmacy Council with type of license **LIFE MEMBER**

PROFESSIONAL AFFILIATIONS

Life member & Executive committee member, Association of Pharmacy Teachers of India

References:

Prof. A.V.N. APPA RAO

Retired Professor

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