

## BIODATA

**Dr. B. MADHAVA REDDY**  
**M. Pharm., Ph. D**

**Present Position and  
Corresponding Address**

: Professor & Principal  
**G.Pulla Reddy College of Pharmacy**  
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**Personal**

: Date of Birth 10-02-1962,  
Warangal District.

**Education**

Ph. D Phyto chemistry	University College of Pharmaceutical Science, Kakatiya University, Warangal.	1992	
M.Pharm. Ph.Chemistry	Birla Institute of Technology Mesra, Ranchi	1986	First Division Distinction
B.Pharm.	University College of Pharmaceutical Sciences, Kakatiya University, Warangal.	1984	First Division

**Experience**

1997 onwards	Professor & Principal G.Pulla Reddy College of Pharmacy, Hyderabad.
1993 – 1997	Assistant Professor Al-Ameen College of Pharmacy, Bangalore.
1990 – 1993	Research Scholar with CSIR-SRF, UCPSc, Kakatiya University, Warangal.
1987 – 1989	Lecturer (Adhoc) UCPSc., Kakatiya University, Warangal.

**Research :**

Major Field of Research : Phytochemistry and Pharmacological Evaluation.  
Development of Natural Products.

M.Pharm. Thesis Guidance : 20 M. Pharm. Theses guided

Ph.D Guidance : Three Ph. D Thesis guided  
Three Ph. Ds under guidance

Research Grants : AICTE Research grant of Rs.7.0 lacs sanctioned in 1999.

Publications : 49 Research publications in International and National Journals

Presentations : 11 Research paper presentations in Scientific conferences.

**Membership in Professional Organisations**

: Life member of APTI  
: Life member of IPA  
: Life member of Pharma Alumni of UCPSC., Kakatiya University.

**Awards**

: **APTI “Principal of the Year-2011” Award**

**Academic Positions**

Co-Chairman, Scientific Committee II National Annual Convention of APTI, Bangalore, 1996.

Co-Chairman, Scientific Session and Volunteer's Committee 52<sup>nd</sup> IPC, Hyderabad, 2000.

Member of Academic Senate, Osmania University.

Member of BOS in Pharmacy Osmania University.

Member, Faculty of Technology, Osmania University.

Inspector, Pharmacy Council of India.

Chairman, Ph. Cogn & Phytochemistry Session, 57<sup>th</sup> IPC, Hyd, 2005

Peer Reviewer Indian Journal of Pharmaceutical Education and Research.

Chairman, Pharmacognosy and Phytochemistry, Poster Session II International Indo Canadian Satellite Conference on Pharmaceutical Technology Practice and Natural Products, JSS College of Pharmacy Ooty, 2007

Chairman – Phytochemistry and Herbal Pharmacy, Poster session, SKIPS, Siddipet, 2008.

Member – Ethics Committee – Animal Experimentation for various Industries.

Co-Chairman – Scientific Session – Spectroscopy & Workshop – National Symposium on Insights into Chemistry.

Vagdevi College of Pharmacy, Warangal,

Aug 21-23, 2010.

Organising Secretary – 15<sup>th</sup> National Convention of APTI (APTICON-2010), Nov.2-3, 2010, Hyderabad.

Member - Executive Committee, A.P.State IPA.

## LIST OF PUBLICATIONS

1. M.A. Azeem, **B. Madhava Reddy**, M.S.K. Prasad, A.V.N. Appa Rao and M.C. Prabhakar. Effect of Terminalia chebula extracts on frog heart muscle (Na<sup>+</sup>, K<sup>+</sup>, Mg<sup>++</sup>) ATP-ase activity. *Fitoterapia*, LXVIII, 4, 300-302 (1992).
2. **B. Madhava Reddy**, N.K. Rao, M. Ramesh, A.V.N. Appa Rao, L.J. Lin and G.A. Cordell. Chemical investigations of the fruits of Terminalia chebula. *International J. of Pharmacognosy* 32, (I), (1994).
3. L.j. Lin, Roberto Gil, G.A Cordell, M.Ramesh, **B. Madhava Reddy**, B. Srilatha and and A.V.N. Appa Rao, New pregnane glycosides from Caralluma umbellata. *Phytochemistry* 35 (6), 1549 – 1553, (1994).
4. Roberto R.Gil; Long-Ze Lin, Geoffrey A Cordell, M. Ramkumar, M. Ramesh **B. Madhava Reddy** and A.V.N. Appa Rao. Anacardoside from the seeds of Semecarpus anacardium (Anacardiaceae). *Phytochemistry* 39 (2), 405-407, (1995)
5. V. Ramchandra Reddy, S.V. Ramana Kumari, **B. Madhava Reddy**, M.A. Azeem, M.C. Prabhakar and A.V.N. Appa Rao. Cardiotoxic Activity of the fruits of Terminalia chebula. *Fitoterapia*, LX, 6, 517-525 (1996).
6. **B. Madhava Reddy**, Vivek V.Byathatti, A.V.N. Appa Rao and M. Ramesh, Anti-inflammatory activity of Stapelia nobilis and Caralluma stalagmifera, *Fitoterapia* LXVII, 6, 545-547, (1996).
7. M. Ramesh Y. Nageshwar Rao. A.V.N. Appa Rao. M.C. Prabhakar C. Seshagiri Rao. N. Muralidhar and **B. Madhava Reddy**. Antinociceptive and anti-inflammatory activity Of flavanoid isolated from Caralluma attenuata. *Journal of Ethno pharmacology* 62, 63-66 (1998).
8. S-x, Qiu, L-Z Lin, G.A. Cordell, M. Ramesh, B.R. Kumar, M. Radha Krishna, G.K. Mohan, **B.M. Reddy**, Y.N. Rao, B. Srinivas. N.S. Thomas and A.V.N. Appa Rao. Acylated C-21 Steroidal Bidesmodic Glycosides from Caralluma umbellata. *Phytochemistry* 50, 485-491 (1999).
9. Mullangi Ramesh, Y. Nageshwar Rao, M. Rama Kumar, G. Krishna Mohan, B. Ravi Kumar, A.V.N. Appa Rao, M. Radhakrishna and **B. Madhava Reddy**. Flavone Glycoside from Three Caralluma species. *Biochemical systematic and Ecology* 27, 85-86 (1999).
10. S. Venkatesh, Y. Sivarami Reddy, B. Suresh, **B. Madhava Reddy** and M. Ramesh. Antinociceptive and Anti – inflammatory activity of Sida rhombiodes leaves. *Journal of Ethno pharmacology* 67, 229 – 232 (1999).
11. Mullangi Ramesh, Yepuri Nageshwar Rao, Meda Ram Kumar, Achanta Venkata Narsimha Appa Rao, M. C. Prabhakar and **B. Madhava Reddy**. Antinociceptive and Anti-inflammatory activity of carambelloside – I isolated from caralluma umbellata. *Journal of Ethnopharmacology* 68, 349 – 352 (1999).

12. **B. Madhava Reddy**, G. Dayanand Reddy, Mullangi Ramesh, Sama Venkatesh, A.V.N. Appa Rao: Antihyperglycemic activity of *Caralluma attenuata*, Fitoterapia 74: 274-279(2003).
13. Sama Venkatesh, G. Dayanand Reddy, **B. Madhava Reddy**: Antihyperglycemic activity of *Helicteres isora* roots in alloxan induced diabetic rats. Pharmaceutical Biology 41 (5): 347-350(2003)
14. Y.S.R. Reddy, **B. Madhava Reddy**, Mullangi Ramesh, Sama Venkatesh: Anti pyretic activity of *Rumex nepalensis* roots. Nigerian Journal of Natural Products and Medicine. Vol.7.(2003)
15. **B. Madhava Reddy**, D. Satyavati, Y.S.R. Reddy, G. Dayanand Reddy, Sama Venkatesh: Effect of *Helicteres isora* root extracts on glucose induced hyperglycemic rats Fitoterapia 75(2004)364-367..
16. **Madhava Reddy B**, Venkatesh Sama, Ramesh M, Kasivishwanadh Ch, Spectrophotometric Determination of Hepatoprotective principle of *Phyllanthus niruri*, Indian Journal of Pharmaceutical Sciences, May-June 2004.336-337.
17. **Madhava Reddy B**, Suresh B, Venkatesh Sama, Swamy MM, Ramesh M, Pharmacognostical identification of *Rumex nepalensis* (Polygonaceae) – An adulterant of Indian Rhubarb. Natural Product Sciences 10(1):43-47(2004)
18. Ramesh Mullangi, Bobbala Ravi Kumar, Chandrakanth Kokate, Soma Venketesh B.Madhava Reddy and A.V.N. Appa Rao. C21 Pregnane steroid from *Caralluma umbellata* (Asclepiadaceae). Natural Product Science 11(2): 115-117(2005)
19. Venkatesh S, Sailaxmi K, **Reddy M.B**, and Mullangi R. Antiinflammatory and Analgesic activity of *Helicteres isora* Root. Indian Drug 44(4), April2007.
20. Sama Venkatesh, K. Sailaxmi, **B.Madhava Reddy**, M.Ramesh. Antinociceptive activity of *Helicteres isora*. Fitoterapia78(2007) 146-148.
21. S.Venkatesh, K.Sailaxmi, **B.Madhava Reddy** and Mullangi Ramesh, Antimicrobial activity of *Helicteres isora* root, Indian Journal of Pharmaceutical Sciences, 2007, 69(5) : 687-689.
22. B.Krishnaveni, V.Neeharika, A.V.srikanth, **B.Madhava Reddy** – Anti inflammatory Activity of *Carallia brachiata* bark. International Journal of Pharmaceutical Sciences & Nano technology, 2009, (1), 4.
23. D.S.Ravindrababu, V.Neeharika, V.Pallavi, A.V.Srikanth and **B.Madhava Reddy** – Antidiarrheal Activity of *Cynodon dactylon*. Ph.Cog.Mag : Research Article 2009, 5(19),25-27.
24. B.Krishnaveni, V.Neeharika, S.Venkatesh, R.Padmavathi, **B.Madhava Reddy** “ Wound Healing Activity of *Carallia brachiata* Bark”. Indian Journal of Pharmaceutical Sciences. 576-578, vol.71, September-October 2009.
25. Nagaraju Garipelli, RB Sunoj, **Madhava Reddy B**, Jithan A V and Chinna Lalaiah Runja. Quantification of Intramolecular Hydrogen Bond in Neurotransmitter – Dopamine. International Journal of Pharmaceutical Sciences and Nanotechnology– 2(3),Oct-Dec, 2009.

26. Nagaraju Garipelli, **B.Madhava Reddy**, YK Chauhan, Jithan AV, Chinnalalaiah R. Synthesis and Evaluation of Clozapine and its Related compounds. International Journal of Pharmaceutical Sciences and Nanotechnology – 2(4), Jan-Mar, 2010.
27. Sama Venkatesh, Nabeela, Ravi Alvala, **Madhava Reddy. B**, Mullangi Ramesh. Antidiabetic Potential of Strobilanthes meeboldii in Alloxan-induced Diabetic Rats. Asian Journal of Pharmacodynamics and Pharmacokinetics, vol.10 (1), 67-71. March, 2010.
28. Srikanth.A.V., Sayeeda Maricar, Lakshmi Narsu.M, Ravi Kumar.P, **Madhava Reddy.B**. Anticancer Activity of Gymnema sylvestre R.Br. International Journal of Pharmaceutical Sciences and Nanotechnology,vol.3, April-June, 2010.
29. Sama Venkatesh, Rajkumari.P, Alvala R, **Madhava Reddy.B**, Ramesh. M. Antinociceptive effect of caralluma attenuate in Mice : A Possible Mechanism. Journal of Indian Drugs 47(7) July, 2010.
30. Sama Venkatesh, **B.Madhava Reddy**, G.Dayanand Reddy, Ramesh Mullangi, M.Lakshman. Antihyperglycemic and hypolipidemic effects of Helicteres isora roots in alloxan-induced diabetic rats: a possible mechanism of action. J Nat Med (2010) 64:295-304.
31. Neeharika V, Krishnaveni B, Swetha T, Lakshmi P.K, **Madhava Reddy B**. Antimicrobial activity of Carallia brachiata. Pharma Science Monitor – An International Journal of Pharmaceutical Sciences – I(2), 2010, 1-5 ([www.pharmasm.com](http://www.pharmasm.com)).
32. Padmavathy Y, Harikrishna P, **Reddy B.M.**, Development and validation of RP-HPLC method for estimation of Rimonabant in bulk and solid dosage forms. Indian Drugs,47(8),August, 2010.
33. M.Nuthana, V.Harinadh babu and **B.Madhava Reddy**. Synthesis of 1,3,5 trisubstituted pyrazolines as antimicrobial and anti-inflammatory agents. Indian Journal of Heterocyclic Chemistry,vol.20, Jan-March, 2011, 283-284.
34. M.Deepa, V.Harinadh babu and **B.Madhava Reddy**. Synthesis and biological evaluation of some novel 3-(1,3-diphenyl-1H-pyrazol-4-yl) propanoic acids. Indian Journal of Heterocyclic Chemistry,vol.20, Jan-March, 2011, 213-216.
35. Sama V, Preethi V, Rajani P, **Reddy B.M.** and Ramesh M. Antinociceptive effects of Strobilanthes meeboldi in mice. Indian Drugs 48(04), April, 2011.
36. Sama Venkatesh, Babashankar G, Latha K, **Madhava Reddy B** and Ramesh Mullangi. Evaluation of Caralluma attenuate starch as Alternative tablet Excipient to Potato and Maize starch : Assessment by Preformulation and Formulation Studies. Indian Journal of Pharm Edu Res, July-Sept, 2011/ vol.45/issue-3, pages 218-224.
37. Y.Padmavathy, **B.Madhava Reddy** and P.Amareshwar. Development of Fixed Dose Combination Dispersible Tablets containing Stavudine, Lamivudine and Nevirapine for Paediatric Applications. International Journal of Pharmacy & Technology.
38. Srikanth, A.V, Ravikiran A, Ravi Kumar P, Lakshmi Narasu M and **Madhava Reddy B**. Cytotoxic Activity of Gymnema Sylvestre. Pharma Science Monitor – An International Journal of Pharmaceutical Sciences.
39. Alvala Ravi, A.Mallika, Venkatesh Sama, A.Sajeli Begum, Rukaiyya S.Khan, **B.Madhava Reddy**. Antiproliferative activity and Standardisation of Tecomella undulata bark extract. Journal of Ethnopharmacology, 2011, vol.137, pages 1353-1359.

40. M.Deepa,V.Harinatha babu, R.Parameshwar and **B.Madhava Reddy** Synthesis of 3-(1,3-Diphenyl-1H-Pyrozol-4-yl)propanoic acids using diimide reduction. E.Journal of chemistry 2012,9(1),420-424.
41. P.Haripriya, **B.Madhava Reddy** and V.Harinath Babu Synthesis of some 2-((2E)-3-(1,3-substituted diphenyl-1H-Pyrozol-4-yl-prop-2-enoyl)Amino) Benzoic Acids as Antiinflammatory agents. Indian Journal of Hetero cyclic chemistry 2012,(21), 305-308
42. L.Achuta, **B.Madhava Reddy**, A.Ravikiran and V.Harinath Babu Microwave induced synthesis of Quinoxalines and their antitubercular and anti-inflammatory activities. Indian Journal of Heterocyclic Chemistry 2012(21), 293-296.
43. Venkatesh S., Babu B.N., Latha K., Reddy M.B and Mullangi R.Evaluation of Trapa Bispinosa starch as an alternative tablet excipient to Maize starch: Assessment by Preformulation and Formulation studies. Indian Drugs 49(08) August 2012, 27-32.
44. V.Sama.,M.Nadipelli, P.Yenumula., M.R. Bommineni., R.Mullangi. Effect of Piperine on Antihyperglycemic activity and Pharmacokinetic Profile of Nateglinide. Arzeimittelforschung 2012; 62: 384-388
45. Vajrala Neeharika, Humaira Fatima,**Bommineni Madhava Reddy**, Evaluation of antinociceptive and antipyretic effect of Pupalia lappacea juss. International Current Pharmaceutical Journal January 2013, 2(2): 23-28.
46. Deepthi M, Harinadha Babu V & **Madhava Reddy B** Synthesis of some modified auronas as antileukemic and antibacterial agents.Indian Journal of Chemistry Vol.52B,October 2013.pp.
47. Santhosh Reddy Mandha, Sravanthi Siliveri, Manjula Alla, Vittal Rao Bommena, **Madhava Reddy Bommineni**, Sridhar Balasubramanian.Eco-friendly synthesis and biological evaluation of substituted pyraro[2,3-c] pyrazoles.Bioorganic &Medicinal Chemistry Letters 22(2012)5272-5278.
48. Ravikumar P, Sama Venkatesh and **Madhava Reddy B**. Immunomodulatory and Antioxidant Activity of Chloroform Extract of Ficus racemosa Linn. Stem Bark.Ind J Pharm Edu Res, Apr-Jun, 2013/Vol 47/Issu 2. pp178 -182
49. Kikkeri P. Harish, Kikkeri N.Mohana , Lingappa Mallesha, B.Veeresh , **B.Madhava Reddy** and Nagula Naresh kumar Synthesis and Evaluation of In Vivo anticonvulsant Activity of 2,5-Disubstituted-1,3,4- Oxadiazole Derivatives.Letters in Drug Desing & Discovery, 2013.

## PAPERS PRESENTED IN CONFERENCES

1. **B. Madhava Reddy**, S. Verma, A., K. Sharma and B. K. Razdan. Synthesis of new analogs of 9-methyl-3, 9-diazabicyclo (4,3-1) nonane and 10-diazabicyclo (4,3-1) decane in 39<sup>th</sup> IPC, 1987, Madras.
2. M.A.Azeem, **B.Madhava Reddy**, M.S.K. Prasad, A.V.N. Appa Rao and M.C. Prabhakar Effect of Terminalia Chebula Extract on frog heat ATP-ase System in Pharmacology and Symposium on Herbal Drugs , 1991, New Delhi.
3. **B.Madhava Reddy**, M.Ramesh, A.V.N. Appa Rao and M.C. Prabhakar. Isolation and studies on Cardiotonic activity of active principles from the fruits of Terminalia Chebula, 46<sup>th</sup> IPC, Dec. 1994, Chandigarh.
4. Vivek V.Byahatti, **B.Madhava Reddy**, M.Ramesh and A.V.N.Appa Rao. Isolation and Pharmacological actions of a flavanoid glycoside from Carallum attenuata, 46<sup>th</sup> IPC, Dec. 1994, Chandigarh.
5. Vivek. V.Byahatti, Kambhoja.S, **B.Madhava Reddy**, M.Ramesh and A.V.N. Appa Rao, Anti-inflammatory activity of Stapelia Nobilis and Caralluma stalagmifera, 47<sup>th</sup> IPC, Dec. 1995, Vishakhapatnam.
6. S.Kambhoja, Vivek V.Byahetti, Ramesh Babu M, **B.M.Reddy** and Ramesh M. Isolation and Pharmacological activity of a pregnane glycoside from Stapelia nobilies, 48<sup>th</sup> IPC, Dec 1996, Chennai.
7. **B.Madhava Reddy**, M.Ramesh and S.Pratap. Anti-Inflammatory activity for the fruits of Lagenaria Vulagaris seringe, 48<sup>th</sup> IPC, Dec. 1997, Trivandrum.
8. G.Krishna Mohan, **B.Madhava Reddy**, M.Ramesh, B.Ravi Kumar, M.Radhakrishna, A.V.N.Appa Rao and C.K.Kokate, Cipadessin – I, A new meliacin from the seeds of Cipadessa baccifera 49<sup>th</sup> IPC, Dec. 1997, Trivendrum.
9. G.Hemalatha, **B.Madhava Reddy** – synthesis & biological evaluation of simvastation & it's related compounds. 59<sup>th</sup> IPC, Varanasi./ December, 2007.
10. **Madhava Reddy.B**, Neeharika.V, Sowjanya.K, P.Ravi Kumar-Anti Oxidant Potential of Carallia brachiata bark. AASP-MPS-PSC, June 10-13, 2009, Penang, Malaysia.