

Dr. Chandrasekhara Rao Baru,
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SRI SAI KOMALA HEIGHTS, PRAGATHI NAGAR,
HYDERABAD HYDERABAD-500090
Tel : Mobile : 9493539631
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CURRENT STATUS / PROFESSIONAL EXPERIENCE

Presently, working as Principal, Chilkur Balaji College of Pharmacy, Hyderabad, Telangana, India, Dept. of Pharmaceutics, with an experience of 16years.

THE Ph.D THESIS TITLE

Dissolution and Bioavailability Enhancement of Poorly Water-Soluble Drugs Docetaxel by Liquid Loaded Tablets and Aprepitant by Solid Dispersion Techniques.

ASPIRING SCIENTIFIC PROFESSIONAL

Intend to build a career with leading corporate environment with committed & dedicated people, which will help me to explore and realize my potential. Willing to work as a key player in challenging & creative environment by providing exposure to new ideas and stimulating professional growth in achieving vision of the organization through personal improvement and team work.

PROFESSIONAL CHRONICLE

- Having a quantitative aptitude & determined to carve a successful and satisfying career in the academic arena.
- Highly motivated, positive and goal-oriented, with analytical approach, as well as the ability to build and lead effective research guidance.
- An effective research /player with exceptional planning and execution skills coupled with a systematic approach and quick adaptability.
- Well recognized for trouble shooting and solving problems.

CURRENT KEY AREAS OF RESEARCH

- Accelerated stability testing
- Forced degradation (stress testing) and stability kinetics studies
- Impurity profiling of drug substances
- Physico-chemical characterization of new chemical entities
- Preformulation studies

- Preparation of degradation product standards

PERSONAL TRAITS

- Highly motivated and proactive individual with good communication and interpersonal skills, capable of consistently achieving timeless objectives.
- Passion to learn, teach and share.
- Good orator, positive attitude, quick learner & commitment in work.

SCHOLASTIC DETAILS

Ph.D in PHARMACEUTICS

University : Acharya Nagarjuna University, Guntur, Andhra Pradesh.

Year : 2015

Master of Pharmacy (M. Pharm) in PHARMACEUTICS:

Institution : J.K.K.M.M.R.F College of Pharmacy, Komarapalyam, Tamilnadu

University : The Tamil Nadu Dr. M.G.R Medical University, T.N.

Year of passing : 2005

Bachelor of Pharmacy (B. Pharm):

Institution : J.K.K.M.M.R.F College of Pharmacy, Komarapalyam, Tamilnadu.

University : The Tamil Nadu Dr. M.G.R Medical University, T.N

Year of passing : 2002

Diploma in Pharmacy (D. Pharm):

Institution : Pavan College of Pharmacy, Kolar, Karnataka.

Board : Board of Technical Education, Bangalore.

Year of passing : 1996

EXPERIENCE DETAILS:

Total Experience in years	18.2 Years
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COMPUTER PROFICIENCY

- Profound literature surveyor
- MS Office usage

INDUSTRIAL TRAINING

- Undergone two months training at training at Savan Pharmaceuticals, Hyderabad in quality control and formulation wing.
- Undergone two months training at Mac Mohan Pharma Ltd., Hyderabad, A.P, India.

ACHIEVEMENTS

- **Association of Pharmaceutical Teachers of India (APTI) - Life Membership - TL/LM-813**
- **Ratified by JNTUH in 2015 and 2018 (PRINCIPAL)**
- Participated and won many awards in various State level and National level Debate.

WORKSHOPS/SEMINARS/SYMPOSIA ATTENDED

- Actively participated in Various IPC- 2004, 2010, 2011 & 2015 by presenting two posters.
- Participated in International Conference on Health Sciences, 2005, held at JSS Mahavidyapeetha, Mysore, Karnataka, India.
- Participated in APTICON, 2010, Held at Hyderabad, India .
- Participated in UGC Sponsored Refresher Course'' Basic Principles and Teaching Methods in Pharmaceutical Sciences, 2011, Hyderabad, India.
- Participated in Two-Day 1ST National Conference on Reforms and Innovations in Pharmacy Education towards Global Standards, held at CPS, IST, JNT University, 2012, Hyderabad, India.
- Conducted a National level seminar & workshop for three days at SSJ College of Pharmacy, Pharma Jyothi, 2011 & 2013, Hyderabad, A.P.
- Participated in Two-Day 2nd National Conference on Reforms and Innovations in Pharmacy Education towards Global Standards, held at CPS, IST, JNT University, March-2015, Hyderabad, India.
- Participated and Poster presented in Two-Day 6th National Pharmacy Conference on Current Innovations and Challenges in Pharmaceutical Sciences at Geethanjali College of Pharmacy, DRAVYAKA-2015, 3-4th March-2015, Hyderabad, India.
- Participated in UGC Sponsored ''Short term Course'' Formulation Development of Nano Particles, 17-22nd August-2015, Hyderabad, India.
- Participated and Poster presented in One-Day National Conference on Drug Innovations and Discoveries: Inquisitive Technologies'' (DIDIT) at Palamuru University, 10th April - 2015,

Mahabubnagar, India.

- Participated and Poster presented in Two-Day National Level Seminar & Poster Presentation on Modern Vistas in Pharmaceutical Education & Research at Tirumala College of Pharmacy, March-2015, Bardipur, Nizamabad, India.
- Participated in Awareness on Outcome Based Education and Accreditation, 14thSeptember-2015, held at JNT University Hyderabad under TEQIP- II, JNTUHCEH, Hyderabad, India.
- Participated in Two-Day National Symposium on Challenges and Opportunities of Pharmaceutical research in Education and Industry, Sponsored by TSCHE and JNTUH, held at CPS, IST, JNT University, March-2015, Hyderabad, India.
- Participated in ‘‘PK/PD and IVIVC Modeling: Concepts, Applications and Hands-On Training Using Phoenixo Software’’, January-2016, held at VIPER, Hyderabad, India.
- Participated in 6th Indo-Malaysian International Conference on Advances and Current Scenario of Pharmaceutical Sciences, Organized by Malla Reddy Pharmacy College on 9 March-2019, Hyderabad, India.
- Conducted Two Days Workshop on Current Trends in CLINICAL RESEARCH & ICH-GCP, 7th and 8th Feb-2020, at CBCP Hyderabad, A.P.
- Conducted Two Days Workshop on Research Methodology: 7-8 March 2022, at CBCP, Hyderabad, A.P.

EXTRACURRICULAR ACTIVITIES/HOBBIES

- Personality development and leadership camps
- Won many prizes and a regular all-rounder in various disciplines of academics & sports

PUBLISHED RESEARCH / REVIEW ARTICLES

1. B. Mohammed Ishaq , Dr. K. Vanitha Prakash , C. Hari Kumar , G. Usha Rani ,P. Ramakrishna, **Chandrasekhara Rao Baru**. Colorimetric Determination of Alfuzosin HCl in Pharmaceutical Formulations, **Journal of Pharmacy Research**. Vol.4. Issue 1: 226-228.
2. **B. Chandrasekhara Rao**, P. Devendra Babu. Formulation and In-Vitro characterization of Chitosan Microspheres Loaded Glipizide, **Journal of GMP & Industrial Pharmacy**. 2009, Vol. 3, issue 2: 14-21.
3. **Baru Chandrasekhara Rao**, Ravi Pratap Pulla, P. Devendra Babu, B. Mohammed Ishaq, K. V.

Raghavendra, Formulation and Evaluation of Fixed Dose of Ranolazine Extended Release Tablet Dosage Form, **Journal of GMP & Industrial Pharmacy**. 2010; 4(2):14-19.

4. **B. Chandrasekhara Rao**, S. Vidyadhara, K. V. Raghavendrarao, K. Vanitha Prakash, B. Umashankar, Srilatha, Formulation and evaluation of sustained release Methotrexate microcapsules, **Research J. Pharm and Tech**. 2011;4(12): 1861-1864

<https://rjptonline.org/AbstractView.aspx?PID=2011-4-12-5> ISSN: 0974-3618

5. **Chandrasekhara Rao Baru**, S. Vidyadhara, K. V. Raghavendrarao, K. Vanitha Prakash, B. Umashankar, Formulation and Evaluation of Ibuprofen Floating Tablets, **International J of Pharmaceutical, Chemical and Biological Sciences**. 2012; 2(4):472-481.

<https://www.ijpcbs.com/articles/formulation-and-evaluation-of-ibuprofen-floating-tablets.pdf> ISSN: 2249-9504

6. R. Swetha, **Chandrasekhara Rao Baru**, Dr. Vidyadhara S, Dr. Vanitha Prakash. K, Formulation and evaluation of Celecoxib Bioadhesive microspheres, **Indo American Journal of Pharm Sciences**. 2014;1(6):407-419. <https://iajps.com/pdf/december/swetha.pdf> ISSN:2349-7750

7. Narasimhulu. Kurra, **Chandrasekhara Rao Baru**, Dr. Vidyadhara, Dr. Vanitha Prakash. K, Formulation and Evaluation of Fast Dissolving Sublingual Lisinopril Tablets, **Indo American Journal of Pharm Sciences**. 2014; 1(6): 378-391. <http://iajps.com/pdf/december/lisinopril.pdf> ISSN:2349-7750

8. Sandeep Kumar Jumbarathi, **Chandrasekhara Rao Baru**, Ravikumar Kavati, Vanitha Prakash, Formulation and Evaluation of Bilayer Floating Tablets of atorvastatin and Ramipril, **Indo American Journal of Pharm Sciences**. 2014; 1(2): 98-106. <http://oaji.net/articles/2014/1210-1409734616.pdf> ISSN:2349-7750

9. Poornachandar. G, Sree Vennela.P, Venkata Ramana devi, **B. Chandrasekhar Rao**. Antibacterial activity of leaf and flower Extracts of *Butea Monosperma* (LAM.), **Indo American Journal of Pharm Sciences**. 2014;1(1): 51-58. <http://iajps.com/pdf/8.pdf> ISSN:2349-7750

10. **B. Chandrasekhara Rao**, S.Vidyadhara , RLC Sasidhar and Y. A. Chowdary, Design and evaluation of self-nanoemulsified Drug delivery system (snedds) of Docetaxel by Optimizing the particle size using response Surface methodology, **Indo American Journal of Pharm Sciences**. 2014; 1(1): 35-45. <http://iajps.com/pdf/6.pdf> ISSN:2349-7750

11. **B. Chandrasekhara Rao**, S Vidyadhara, RLC Sasidhar, Y. A Chowdary, Dissolution Enhancement of Poorly Soluble Drug Aprepitant by Hot Melt Extrusion Method Using Hydrophilic Polymer: A Solid Dispersion Technique. **Research Journal of Pharmaceutical, Biological and Chemical Sciences**. 2014; 5(3): 1469-1485. https://rjpcbs.com/2014_5.3.html ISSN:0975-8585

12. **B. Chandrasekhara Rao**, S.Vidyadhara , RLC Sasidhar and Y. A. Chowdary, Potential

Assessment of Cremophore-El and Polysorbate 80 as Co-Surfactants For Formulation Of Self Nanoemulsifying Drug Delivery Systems (Snedds) Containing Docetaxel, **Indo American Journal of Pharm Research**. 2014; 4(3): 1555-1562. <http://iajpr.com/archive/volume-4/march-2014#> ISSN:2231-6876

13. **Baru Chandrasekhara Rao**, Suryadevara Vidyadhara, Reddy vallam Lankapalli Sasidhar and Yarlagadda A Chowdary, Formulation and Evaluation of Liquid Loaded Tablets Containing Docetaxel-Self Nano Emulsifying Drug Delivery Systems, **Tropical Journal of Pharmaceutical Research**. 2015; 14 (4):567-573.

<https://www.tjpr.org/home/abstract.php?abstractTitle=Formulation%20and%20evaluation%20of%20liquid%20loaded%20tablets%20containing%20docetaxel-self%20nano%20emulsifying%20drug%20delivery%20systems&id=99> ISSN: 1596-5996

14. Chandrasekhara Rao Baru, Vidyadhara Suryadevara, Formulation and Evaluation of Zidovudine Matrix Tablets, *J. Pharm. Res.*, 2016; 5(1): 3-10. <https://jprinfo.com/archives/2016/223/3>

15. **Chandrasekhara Rao Baru, Vidyadhara Suryadevara: Preparation and Evaluation of Levofloxacin Hemihydrate Floating tablets, J. Sci. Res. Phar., 2016; 5(2): 14-20.** https://jsrponline.com/storage/live/2020-04-05%2019_09_142.Chandra.pdf

16. Dr A. Sambasivarao, **Dr. Chandra Sekhara Rao Baru**, M. Hareesh Reddy, Accelerated Stability Testing Of Dosage Forms As Per International Conference Of Harmonization (ICH) Guidelines, **World Journal of Pharmaceutical and Medical Research**, 2016;2(3): 99-103. https://www.wjpmr.com/home/article_abstract/90

17. M. Hareesh Reddy, K. Sambasivarao, **Chandrasekhara Rao Baru** (2016). Methods of adjusting tonicity and pH values of some drugs and substances. *Int. J. Adv. Res. Biol. Sci.* 3(10): 207-212. DOI: <http://dx.doi.org/10.22192/ijarbs.2016.03.10.028>

18. **Dr. Chandrasekhar Rao Baru** , M. Hareesh Reddy *, V. Muralidharan., An Review on Pharmaceutical Significance of Polymorphism, *J. Sci. Res. Pharm.*, 2016; 5(12): 167-169. <https://jsrponline.com/journals/1046/an-review-on-pharmaceutical-significance-of-polymorphism/abstract>

19. Kousar Begum *, C. Aditya, A. Narasimha Charan, T. Vinay Kumar, **Dr. B. Chandra Sekhara Rao**. Dofetilide Formulation and In-Vitro Evaluation by Chronomodulated Drug Delivery. *J Pharm Res* 2017; 6(8):108-114. <https://jprinfo.com/archives/2017/248/4>

20. Nukala Umasri , Sepuri Vijayalaxmi , Kousar Begum , **Dr. B. Chandra Sekhara Rao** .., Lantana Camara: A Herbal Extract Oral Suspension Formulation and Evaluation for Its Anti-Tussive Activity. *EJBPS*, 2017, 4(12): 743-750. https://storage.googleapis.com/journal-uploads/ejbps/article_issue/volume_4_december_issue_12/1512042689.pdf

21. Kousar Begum, **Dr. B. Chandra Sekhara Rao**, K.Mounika, P.Sravani, J.Hindu Manognya, N. Umasri, M.Laxmi, *GIMPR*2018; 01(01):01-14. <http://gimpr.in/pdfs/july2018/01.pdf>

22. **Chandra Sekhara Rao Baru and Sushma Desai**, Formulate Oro Dispersible Tablets Of Felodipine For The Improvement Of Solubility, Dissolution Rate And Oral Bioavailability, **Indo Am. J. P. Sci**, 2018;

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<http://www.iajps.com/pdf/january2018/107.IAJPS107012018.pdf> ISSN:2349-7750.

23. Kousar Begum, Dr. B. Chandra Sekhara Rao, Nukala Umasri., Novel Drug Carriers to Target Lymphatic System- A Review, IJTSRD, Mar-April 2018; 2(3): 1402.
<https://www.ijsrd.com/papers/ijsrd11247.pdf>

24. Kousar Begum, Dr. B. Chandra Sekhara Rao, B.Laxmy Prasanna, B. Baby Rani., Robotic Oncology-A-Review, International Journal for Research Trends and Innovation, 2018; 3(4):2456-3315. <http://ijrti.org/viewpaperforall.php?paper=IJRTI1804017>

25. Kousar Begum, Dr. B. Chandra Sekhara Rao, Sufia Khan, Konatham Mounika and Nukala Umasri, A Review On Vitiligo With Its Herbal Treatments, WJPR, 2018; 7(5):573-594.
https://wjpr.s3.ap-south-1.amazonaws.com/article_issue/1519801732.pdf

26. Ravi Pratap Pulla*, Anil Mohan Jonnakuti. Shaheen Sultana, Mallesh Eslavath & Chandrasekhara Rao Baru, Simultaneous Estimation Of Anti Neoplastic Drugs By RP-HPLC Method, Indo American Journal of Pharm Sciences. 2018; 5(12): 17570-17577,
<http://www.iajps.com/pdf/december2018/487.IAJPS487122018-1.pdf> ISSN:2349-7750

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27. Dr. N.V.B.L.A.Baby. Kambampati*, Dr. P. Kishore Kumar, Dr. B. Chandrashekar Rao, D. Santhosha, Pharmacological Importance of Clitoria ternatea –a Review, World Journal Of Pharmacy And Pharmaceutical Sciences, 2019; 8, (6) : 196-208,
https://storage.googleapis.com/journal-uploads/wjpps/article_issue/1559285986.pdf ISSN: 2278 - 4357

DOI : [10.20959/wjpps20196-13682](https://doi.org/10.20959/wjpps20196-13682)

28. S. Shruthi, Chandrashekhara Rao Baru, G.Gayathri, M.Sindhu Reddy, Pigs Become Promising Animals For Xeno Transplantation Correcting Human Organ Transplant Crisis., World Journal Of Pharmaceutical Research, Volume 11, Issue 3, 951-958, ISSN 2277- 7106.
<https://www.wjpr.net/abstract file/18810>

PERSONAL PROFILE

Name	: Chandrasekhara Rao Baru
Father Name	: Brahmaiah Baru
Date of Birth	: 29-08-1977
Gender	: Male
Nationality	: Indian
Marital status	: Married
Languages spoken, read & written	: English, Telugu, Hindi & Tamil

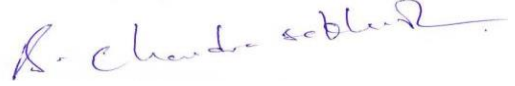
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DECLARATION

I, hereby declare that the above cited details are true to the best of my knowledge.



Place: Hyderabad

Dr. Chandrasekhara Rao Baru

Date: