

Dr M ALAGUSUNDARAM., M.Pharm.Ph.D

Professor in Pharmaceutics and Dean School of Pharmacy ITM University
Jhansi Road, Turari, Gwalior, Madhya Pradesh 474001



Google Scholar: <https://scholar.google.com/citations?user=f6nuhrgAAAAJ&hl=en>

Orcid id: <https://orcid.org/0000-0002-8896-8643>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=36112675400>

Research gate: <https://www.researchgate.net/profile/Alagusundaram-Muthumanickam>

Vidwan: <https://vidwan.inflibnet.ac.in/profile/299285>

CAREER OBJECTIVE

I want to be the part of an excellent faculty in a reputed organization where the hard work is recognized and rewarded equally and also where my education and skills can be effectively geared.

EXPERIENCE

Total: 18 Years

Lecturer

Dr. RMS institute of science & technology,
College of pharmacy, Madhya Pradesh, Affiliated
to RGPV, Bhopal.

15.02.2005 to 26.10.2006

Assistant Professor

Annamacharya College of Pharmacy, Rajampet,
Kadappa, Andhrapradesh, Affiliated to JNTU,
Anantapur. Affiliated to JNTU, Anantapur

28.10.2006 to 31.07.2010

Associate Professor

Annamacharya College of Pharmacy, Rajampet,
Kadappa, Andhrapradesh, Affiliated to JNTU,
Anantapur. Affiliated to JNTU, Anantapur.

01.08.2010 to 28.08.2013

Krishna Teja Pharmacy College, Tirupati,
Affiliated to JNTU, Anantapur

29.08.2013 to 28.02.2015

Professor and Head

Krishna Teja Pharmacy College, Tirupati,
Affiliated to JNTU, Anantapur.

01.03.2015 to 06.02.2018

Principal

Jagan's College of Pharmacy Affiliated to JNTU,
Anantapur.

07.02.2018 to 03.02.2021

Professor and Head

Ratnam Institute of Pharmacy Affiliated to JNTU,
Anantapur

08.02.2021 to 30.07.2022

CURRENT POSITION

Working as a Professor in Pharmaceutics and
Dean School of Pharmacy, ITM University
Jhansi Road, Turari, Gwalior, Madhya
Pradesh from 17.08.2022

CONTACT

Email: alagusundaram77@gmail.com

alagusundaram.sop@itmuniversity.ac.in

Mobile: +91-9989530761, +91-9398236911

Address: Flat No 201 Varshitha Highlands
Satyam G Nagar, Vaviletipadu Village
Dhanalakshmpuram, Nellore-524003 Andhra
Pradesh

EDUCATION

1. Ph.D in Pharmaceutical Sciences

JNTU Hyderabad

2008-2012

2. M.Pharm (Pharmaceutics)

TN Dr.MGR Medical university, Chennai/ K.M.
College of Pharmacy, Madurai.

2003-2005

3. B.Pharm

TN Dr.MGR Medical university, Chennai/
R.V.S College of Pharmaceutical Sciences,
Coimbatore.

1998-2002

4. D.Pharm

Directorate of Medical education, Chennai/
K.M. College of Pharmacy, Madurai.

1995-1997

5. Hsc

Tamil Nadu State Board of secondary
education

1994-1995

6. SSLC

Tamil Nadu State Board of higher education
1991-1992

ADMINISTRATION SKILLS

- ✓ Principal and Dean
- ✓ PCI, AICTE, NBA, NAAC and University Affiliation work
- ✓ AFRC, AISHE, NIRF related work
- ✓ Academic, Administration and Examination

SUBJECTS HANDLED

- ☒ Physical Pharmacy I & II, Dispensing Pharmacy, Pharmaceutical Engineering, Pharmaceutical Technology, Pharmaceutical Bio-technology, Biopharmaceutics and Pharmacokinetics, Novel Drug Delivery Systems, Dosage Form Design, Industrial Pharmacy, Pharmacy Administration and Pharmaceutical Jurisprudence at B.Pharm Level.
- ☒ Advanced Pharmaceutical and Formulation Technology, Novel Drug Delivery Systems, Drug Regulatory Affairs, Regulatory Affairs, Modern Pharmaceutics, Molecular Pharmaceutics and Drug Delivery System at M.Pharm Level.
- ☒ Pharmaceutics, Community Pharmacy and Pharmaceutical Formulations, Biopharmaceutics and Pharmacokinetics at Pharm.D level.

SKILLS IN SOFTWARE

- ☒ Design expert Version 13
- ☒ MS office

RESEARCH AREA

- ☒ Trans-buccoadhesive drug delivery
- ☒ Oral controlled drug delivery
- ☒ Ocular drug delivery
- ☒ Transdermal drug delivery
- ☒ Nanotechnology
- ☒ Targeted drug delivery system
- ☒ Optimization of formulations by response surface, Randomized central composite and Box-Behnken method

☞ Drug regulatory affairs

PROJECTS SUPERVISED

At U.G Level: 12

At P.G Level: 34

At Ph.D Level: Guiding: 12 Submitted: 02

UNIVERSITY RATIFICATION

☞ Ratified as Assistant Professor from JNTUA, Ananthapurmu at August 2011

☞ Ratified as Associate Professor from JNTUA, Ananthapurmu at December 2016

QIP ATTENDED

☞ AICTE Sponsored Quality Improvement Programme on “New Horizons in Pharmaceutical Technology and Pharmacokinetics” 16th to 22nd March 2009 at JSS College of Pharmacy, Ooty.

MEMBERSHIP

☞ Tamil Nadu state pharmacy council, 8279 A1

☞ Life member – APTI, (MP/LM-079)

☞ Life member – Institute of Scholars (InSc20200A7B)

AWARDS

☞ Received the Prestigious award of “**VIDYA RATNA and BEST TEACHER**” by **AKSHARA KEERTHI PATTABHADRULA SAMKHEMA SEVA SAMITHI**, Nellore.

☞ Received the “**Academic Excellence Award 2023**” (Higher educational institution level) from InSc Institute of Scholars Connecting Scholars Since 2014

PATENTS

Published: 02 **Filed:** 02

REFERRED PAPER PUBLICATIONS

2023

1. Jain NK, Tailang M, Jain HK, Chandrasekaran B, Sahoo BM, Subramanian A, Thangavel N, Aldahish A, Chidambaram K, **Alagusundaram M**, Kumar S and Selvam P (2023),

Therapeutic implications of current Janus kinase inhibitors as anti-COVID agents: A review. *Front. Pharmacol.* 14:1135145. doi: 10.3389/fphar.2023.1135145.

2. Jayaraman Rajangam, Dharani Prasad Parthasaradhi, Muddukrishnaiah Kotakonda, Narahari N Palei, **Alagusundaram Muthumanickam**, Navaneetha Krishnan Subramanam, Hima Bindhu. Neurocognitive and neuroprotective potential of *Mimusops elengi* in mice model of scopolamine-induced amnesia. *Drug Discovery* 2023; 17: e7dd1008.
3. Bhattacharya Vijeta, Mishra Namrata, **M. Alagusundaram**. Ultra Deformable Vesicular System Loaded Bioactive/Phytoconstituents for Targeted Drug Delivery for the Treatment of Rheumatoid Arthritis– An Overview. *Lat. Am. J. Pharm.* 42 (1): (2023) 17—181.

2022

4. Mishra Namrata, Bhattacharya Vijeta, **M. Alagusundaram**. (2022). Transferosomes The Effective Targeted Drug Delivery System Overview. *Journal of Pharmaceutical Negative Results*, 4316–4321.
5. Parameswari , S. A. ., **Alagusundaram , M. .**, Keshri, P. ., Venkateswarlu, G. ., & Ratnam, M. V. . (2023). Development of an Analytical Method and Validation of Exemestane Tablet by UV Spectrophotometry. *Current Topics on Chemistry and Biochemistry Vol. 8*, 1–11. <https://doi.org/10.9734/bpi/ctcb/v8/9034F> (Book Chapter)
6. Bhattacharya Vijeta , Mishra Namrata , **M. Alagusundaram**. (2023). Ultra Deformable Nanotransethosomes: A Novel Tool To Intensify Transdermal Drug Delivery A Review. *Journal of Pharmaceutical Negative Results*, 2024–2032. <https://doi.org/10.47750/pnr.2023.14.03.263>
7. Shaik Chand Basha and **M Alagusundaram**. Phytochemical investigation and heavy metal analysis of a miracle plant *Eryngium foetidum* Linn. *Current Trends in Biotechnology and Pharmacy*, 2022, 16(3s), pp. 9–14. <https://doi.org/10.5530/ctbp.2022.3s.57>.
8. Vani, G., **Alagusundaram, M.**, Sekhar, K. NANOSTRUCTURED LIPOSOMES FOR NOSE TO BRAIN DELIVERY OF CARMUSTINE: IN VIVO EVALUATION. *Bulletin of Pharmaceutical Sciences. Assiut*, 2022; 45(2): 507-516. doi: 10.21608/bfsa.2022.271485

9. **M Alagusundaram**, K B Chandra Sekhar, G Nethra Vani, Nano-sized Liposomes for nose to brain delivery of Carmustine Formulation, Optimization by Box Behnken design, Journal of medical pharmaceutical and allied sciences, Volume 11 – Issue 2, 2159, March – April 2022, Page – 4518 – 4526. DOI: 10.55522/jmpas. V11I2.2159

2021

10. G. Nethra Vani, **M. Alagusundaram**, K. B. Chandrasekar, Formulation and optimization and in vitro characterization of olanzapine liposome, Int J App Pharm, Vol 13, Issue 5, 2021, 109-114. DOI: <https://dx.doi.org/10.22159/ijap.2021v13i5.42085>.
11. Leela Lakshmi V, Umashankar M. S, **Alagusundaram M**, An assessment on buccal mucoadhesive drug delivery system, Int J App Pharm, Vol 13, Issue 6, 2021, 66-74. DOI: <https://dx.doi.org/10.22159/ijap.2021v13i6.42760>.
12. S Angala Parameswari, Ajay Kumar Reddy Ankinapalli, Tesfaye Tsegaye and **Alagusundaram M**, Stability indicating RP-HPLC method development and validation for the simultaneous estimation of darunavir, cobicistat, emtricitabine and tenofovir alafenamide in bulk and pharmaceutical formulation. Int J Pharm Sci & Res 2021; 12(6): 3216-24. doi: 10.13040/IJPSR.0975-8232.12(6).3216-24.
13. Bothiraj M, **Alagusundaram M**, Chandra Sekhar K B, Pharmacoepidemiology and Drug-Drug interactions in various regions of Andhra Pradesh, Int. J. Res. Pharm. Sci., 2021, 12(1), 248-253. DOI:10.26452/IJRPS.V12I1.3986.

2020

14. Saravanakumar K, Ashok Thulluru, Jaya Preethi Peesa¹, **Alagusundaram Muthumanickam**, Anna Balaji, Formulation Development and Characterization of Meloxicam Cationic Nanoparticles, J. Pharm. Sci. & Res. Vol. 12(4), 2020, 488-491.
15. M. Bothiraj, **M. Alagusundaram** and K. B. Chandra Sekhar, A study on prevalence of medication errors in a multispecialty hospital, Int J Pharm Sci & Res 2020; 11(5): 2444-47. doi:10.13040/IJPSR.0975-8232.11(5).2444-47.

16.M. Bothiraj, **M. Alagusundaram** and K. B. Chandra Sekhar, A study on paramountcy of cognitive pharmaceutical care in drug-drug interaction among inpatients, *Int J Pharm Sci & Res* 2020; 11(1): 432-37. doi: 10.13040/IJPSR.0975-8232.11(1).432-37.

2017

17.Medaramitla Sadhana Reddy, **Alagu Sundaram M**, Jaya Chandra Reddy P, A Review Study on Biosimilars and Biobetters, *International Journal of Pharmacy Review & Research*, 2017: 7(2), 44-60.

18.Pakala Jayasree, Jyothshna Devi. K, **Alagusundaram. M**, Jayachandra Reddy. P, Overview of Regulatory Guidelines for Medical Devices, *International Journal of Advance Research, Ideas and Innovations in Technology*, 2017:3(4), 389-98.

19.Gopala Krishna Mukkamala, Sabareesh.M, **Alagusundaram. M**, Jayachandra Reddy. P, Pharmaceutical Market and Regulatory Issues for Export of Pharmaceutical Products to Latin American Countries, *International Journal of Advance Research, Ideas and Innovations in Technology*, 2017:3(4), 399-408.

20.Yacob.M, Ramesh Reedy K, **Alagusundaram. M**, Jayachandra Reddy. P, Current Regulations for Labelling and Advertising of Nutritional Supplements, *International Journal of Advance Research, Ideas and Innovations in Technology*, 2017:3(3), 1450-59.

21.Doni Prakash Kumar, Umasankar K, **Alagusundaram. M**, Jayachandra Reddy. P, Current Trends in Regulatory Authority Actions against Misbranded and Adulterated Drugs, *International Journal of Advance Research, Ideas and Innovations in Technology*, 2017:3(3), 1513-21.

22.D. Kantharao, K. Umasankar, **M. Alagusundaram**, P. Jayachandra Reddy, Understanding and requirements of ANDA (abbreviated new drug application) submission RTR (refuse to receive) standards of USFDA, *International Journal of Advanced Pharmaceutics*, 2017: 2(7),66-87.

23.Satyanarayana Reddy Bijivemula, **Alagusundaram .M**, Jayachandra Reddy. P, Current Trends in Follow up Procedures with MOH for the Registration of the Pharmaceutical

Products, International Journal of Advance Research, Ideas and Innovations in Technology. 2017:3(3), 1522-31.

24. Ramakrishna C, **Alagusundaram M**, Jayachandra Reddy P; Current Regulations for Herbal Products, International Journal of Advance Research, Ideas and Innovations in Technology. 2017:3(3), 1597-604.

2015

25. **Alagusundaram M**, Prathyusha B and Jayachandra Reddy P, Comparison of medical device approval regulations in U.S and Europe countries, international journal of Advanced pharmaceuticals, 2015: 5(2),81-90.
26. **Alagusundaram M**, Prathyusha B and Jayachandra Reddy P Global Regulations on The Approvals, Manufacturer and Marketing of Medical Devices in Regulated Countries and Emerging Markets, *IJPPDR / 5(2), 2015, 78-89.*
27. Nagabhushanamma G, Ramesh Reddy K, Umasankar K, **Alagusundaram M**, Jayachandra Reddy P First Requirement for The Appeal of Anticancer Drug Submission Process in Usa & Europe, / *IJPPDR / 5(2), 2015, 59-77.*

2014

28. **Alagusundaram M**, Raju Rayyi, Ramesh Reddy K, Angala Parameswari S, Umasankar K, Jayachandra Reddy P, Formulation and *in-vitro in-vivo* characterization of buccoadhesive bilayer tablets of Carvedilol. *Int. J. Res. Pharm. Sci.* 5(3), 2014, 159-170.
29. **Alagusundaram M**, Cherukupalli Chanikya Ramesh Reddy K, Angala Parameswari S, Umasankar K, Jayachandrareddy P, Design and characterization of mouth dissolving tablets of Metoprolol tartrate. *Int. J. Res. Pharm. Sci.* 5(3), 2014, 178-187.
30. B Neelima, **Alagusundaram M**, Jayachandra Reddy P, Prabhakaran V, Evaluation of stability data-An overview. *Int. J. Res. Pharm. Sci.* 5(2), 2014, 119-23.
31. Vamseedhar Naik Bukke, Lokesh Reddy M, **Alagu Sundaram M**, Umasankar K, Jayachandra Reddy P, Current regulations for marketing authorization of human generic products globally as per WHO, *Asian Journal of Pharmaceutical Science & Technology*, Vol 4 | Issue 4 | 2014 | 202-211.

32. Thulasi Lakshmi K, Sreekanth Reddy CP, **Alagusundaram M**, Jayachandra Reddy P, Regulatory approval of Biosimilars: Indian market perspective, International Journal of Advanced Pharmaceutics, Vol 4 | Issue 4 | 2014 | 245-258.
33. Raghucharan Y, Lokesh Reddy M, Vamseedhar Naik Bukke, **Alagu Sundaram M**, Jayachandra Reddy P, Regulatory requirements for the approval of generic drugs and compilation of dossier for Australia (TGA), International Journal of Pharmacy, 4(4), 2014, 201-206.
34. Praneetha K, Prakash B, Umasankar K, **Alagusundaram M**, Jayachandra Reddy P, Study on the regulatory requirements for registration of pharmaceuticals for human use in common wealth of independent states, Journal of Science / Vol 4 / Issue 8 / 2014 / 486-504.
35. B. Prakash, K. Praneetha, K. Umasankar, **M. Alagusundaram**, P. Jayachandra Reddy, Drug approval procedure in EU, International Journal of Pharmacy, 4(4), 2014, 173-189.
36. Lokesh Reddy M, **Alagu Sundaram M**, Umasankar K, Sabareesh Reddy M, Jayachandra Reddy P, Pharmaceutical market and drug registration process in major latam countries, International Journal of Pharmacy & Therapeutics, 5(5), 2014, 308-320.
37. Gowthami V, Lokesh Reddy M, Sabareesh Reddy M, **Alagu Sundaram M**, Jayachandra Reddy P, Drug regulations and registration in Japan, IJPPDR / 4(3), 2014, 149-161.

2011

38. **M. Alagusundaram**, C Madhusudhana Chetty, D Dhachinamoorthi, Development and evaluation of novel trans - buccoadhesive bilayer of Famotidine. Asian J Pharm 2011; 5:150-156.
39. **M. Alagusundaram**, C Madhusudhana Chetty, D Dhachinamoorthi, Development and evaluation of novel-trans- buccoadhesive films of Famotidine. J Adv Pharm Tech Res 2011; 2:17-23.
40. B.Chengaiyah, **M. Alagusundaram**, S. Ramkanth and C. Madhusudhana Chetty, Self-Emulsifying Drug Delivery System: A Novel Approach for Drug Delivery, Research J. Pharm. and Tech.4 (2): Feb 2011, 175-81.

41. Gnanaprakash K, Madhu Sudhana Chetty C, Ramkanth S, **Alagusundaram M**, Thiruvengada Rajan V S, Angalaparameswari S, Mohamed Saleem TS, Aqueous extract of *Flacourita indica* prevents carbon tetra chloride induced hepato toxicity in rat, international journal of biological and life sciences 7:1 2011,51-55.

2010

42. M. Purushothaman, Sowjanya Battu, K. Jyothshna Devi, C. Madhusudhana Chetty, M. **Alagusundaram** and K. Mallikarjuna Rao, Formulation and Characterization of Ofloxacin Microspheres Prepared by Ionotropic Gelation Technique, Research J. Pharm. and Tech.3 (4): Oct-Dec 2010, 1265-69.

43. S Jayaprakash, S Ramkanth, P Anitha, **M Alagusundaram**, Mohamed T S Saleem and Madhusudhana C Chetty, Design and evaluation of monolithic drug-in-adhesive transdermal patches of Meloxicam, Malaysian Journal of Pharmaceutical Sciences, Vol. 8, No. 2, 25–43 (2010).

44. **M. Alagusundaram**, B. Chengaiah, K. Gnanaprakash, S. Ramkanth, C. Madhusudhana Chetty, Nasal drug delivery system- an overview, Int. J. Res. Pharm. Sci. 1(4), 2010, 454-465.

45. **M. Alagusundaram**, C Madhusudhana Chetty, D Dhachinamoorthi, Development and characterization of buccoadhesive bilayer Famotidine tablets. Int. J. Res. Pharm. Sci. 1(3), 2010, 239-246.

46. Thiruvengada Rajan VS, Mohamed Saleem TS, Ramkanth S, **Alagusundaram M**, Ganaprakash K, Madhusudhana Chetty C. A simple RP-HPLC method for quantitation of itopride HCl in tablet dosage form. J Young Pharmacists 2010; 2:410-413.

47. S Ramkanth, **M Alagusundaram**, K. Gnanaprakash, C. Madhusudhana Chetty, K. Mallikarjuna Rao, Y. Sudhakar, Annie baby, Formulation and characterization of floating tablets of Diltiazem hydrochloride, Journal of Pharmacy Research,3(6),2010,1263-1267.

48. Umasankari K, **M Alagusundaram**, G. Krishnasahithi, C Madhusudhana Chetty, S Ramkanth, S Angalaparameswari and TS Mohammed Saleem, Nanoemulsions –

Approaching thermodynamic stability, Research J. Pharm. and Tech.3 (2): April-June 2010, 319-326.

49. S. Angalaparameswari, T.S. Mohamed saleem, **M. Alagusundaram**, S. Ramkanth, V.S. Thiruvengadarajan, K. Gnanaprakash, C. Madhusudhana Chetty, G. Pratheesh, Antimicrobial activity of aristolochic acid from root of *Aristolochia bracteata* Retz, International journal of medicine and medical sciences, 1:4 2010, 244-247.
50. K. Mallikarjuna Rao, K. Gnanaprakash, A.V. Badarinath, C. Madhu Sudhana Chetty, **M. Alagusundaram**, Preparation and evaluation of Flurbiprofen gel; Mucilage of *Cocculus hirsutus* leaf powder as gel base, International Journal of PharmTech Research; April-June 2010, 2(2), 1578-1583.
51. A.V. Badarinath, J. Ravi Kumar Reddy, K. Mallikarjuna Rao, **M. Alagusundaram**, K. Gnanaprakash, C. Madhu Sudhana Chetty, Formulation and characterization of alginate microbeads of flurbiprofen by ionotropic gelation technique, International Journal of ChemTech Research; Jan-Mar 2010, 2(1), 361-367.
52. B. Chengaiah, K. Mallikarjuna rao, K. Mahesh Kumar, **M. Alagusundaram**, C. Madhusudhana Chetty, Medicinal importance of natural dyes- A review, International Journal of PharmaTech Research; Jan-Mar 2010, 2(1), 144-154.
53. **M. Alagusundaram**, N. Deepthi, S. Ramkanth, S. Angalaparameswari, T.S. Mohamed Saleem, K. Gnanaprakash, V.S. Thiruvengadarajan, C. Madhusudhana Chetty, Dry powder inhalers-An overview, Int. J. Res. Pharm. Sci 1(1), 2010, 34-42.

2009

54. T.S. Mohamed saleem, C. Madhu Sudhana Chetty, S. Ramkanth, **M. Alagusundaram**, K. Gnanaprakash, V.S. Thiruvengadarajan, S. Angalaparameswari, *Solanum nigrum* Linn. - A review, Phcog Rev 3(6), 342-345, 2009.
55. **M. Alagusundaram**, C. Madhusudhana Chetty, K. Umasankari, P. Anitha, K. Gnanaprakash and D. Dhachinamoorthi, Buccal drug delivery system—An overview, Research J. Pharm. and Tech. 2 (4): Oct.-Dec. 2009, 653-663.

- 56.S. Ramkanth, **M. Alagusundaram**, C. Madhusudhana Chetty, K.Gnanaprakash, V.S. Thiruvengadarajan, V. Sarovar Reddy, Devise and progress of Zidovudine "Once a day" transdermal drug delivery system, International journal of pharma research; 2(3), July-December 2009,87-91.
57. Angalaparameswari S, Madhu Sudhana Chetty C, **Alagusundaram M**, Thiruvengada Rajan V S and Sarovar Reddy V, Antimicrobial and Antioxidant Activity of Root Extract of *Aristolochia bracteata* Retz. The IUP Journal of Life Sciences, Vol. III, No. 4, pp.54-59, November 2009. Available at SSRN:
- 58.B. Chengaiah, K. Mahesh Kumar, **M. Alagusundaram**, C. Sasikala, C. Madhusudhana Chetty; *In-vitro* Anthelmintic Activity of roots of *Acalypha indica* Linn. International Journal of PharmaTech Research; Oct-Dec 2009, 1(4), 1499-1502.
- 59.K. Gnanaprakash, K. Mallikarjuna rao, K.B. Chandra sekhar, C. Madhusudhana Chetty, **M.Alagusundaram**, S.Ramkanth; Formulation and evaluation of fast Dissolving tablets of valdecoxib; International Journal of PharmaTech Research; Oct-Dec 2009, 1(4), 1387-1383.
- 60.S. Ramkanth, C. Madhusudhana chetty, **M. Alagusundaram**, S. Angalaparameswari, V. S. Thiruvengadarajan and K. Gnanaprakash; Design and evaluation of Diclofenac Sodium ocusert; International Journal of PharmaTech Research; Oct-Dec 2009, 1(4), 1219-1223.
61. **M.Alagusundaram**, C. Madhusudhana chetty, Umasharkari. K, Attuluri Venkata Badrinath, Lavanya and Ramkanth. S; Microspheres as a novel drug delivery system-A Review; International Journal of ChemTech Research; July-Sep 2009, 1(3), 526-534.
62. **M.Alagusundaram**, C. Madhusudhana chetty, S.Ramkanth, B. Chengaiah, S. Angala Parameswari, D. Dhachinamoorthi; Formulation and Evaluation of Mucoadhesive buccal films of ranitidine; International Journal of PharmaTech Research; July-Sep 2009 1(3), 557-563.
63. Gnanaprakash K, Habeeb Ibrahim A. R, **M. Alagusundaram**, *et al.*, Formulation and *In-Vitro* evaluation of floating drug delivery system for ranitidine hydrochloride; Journal of Iran University of Medical Sciences, Vol 16/ supplement 1/ Spring 2009,135.

64. Mallikarjuna Rao K, Gnanaprakash K, **M. Alagusundaram**, *et al.*, Formulation and evaluation of floating tablets of Famotidine; Journal of Iran University of Medical Sciences, Vol 16/ supplement 1/ Spring 2009, 136.

2008

65. **M. Alagusundaram**, K. Uma Shankari, C. Madhusudhana Chetty, S. Ramkanth, S. Anagalapameswari, D. Dhachinamoorthy, "Formulation and Evaluation of Mucoadhesive Buccal Film of Famotidine". International Journal of Pharmaceutical Excipients, July-September 2008; 102-108.

2007

66. **M. Alagusundaram**, K. Ganaprakash, V.S. Thiruvengadarajan, S. Ramkanth, C. Madhusudhana chetty, S. Angalapameswari, Formulation and Evaluation of Ethyl cellulose coated microcapsules of Zidovudine: Influence of solvent; International Journal of Pharmaceutical Excipients, April-June 2007; 67-69.

REFERRED CONFERENCE PAPERS

International level

1. S. Ramkanth, C. Madhusudhana Chetty, **M. Alagusundaram**, S. Angala parameswari, K. Gnanaprakash, V.S. Thiruvengadarajan and T.S. Mohamed Saleem. The effect of annona squamosa linn in dexamethasone induced diabetes mellitus, 2nd international conference on drug discovery & therapy, Feb 2010, Dubai, U.A.E., PO 171.
2. Pavankumar V, **Alagusundaram M**, Ramkanth S, C Madhusudhana chetty, Formulation and evaluation of mucoadhesive buccal films of Famotidine, International conference on drug delivery, 2010, PP 340.
3. Sowjanya Battu, K Uma Sankari, C. Madhusudhana chetty, A.V Badarinath, **M Alagusundaram**, K Gnanaprakash, Resealed erythrocytes, a cell based drug delivery systems, International conference on drug delivery, 2010, PP 287.
4. G. Madhusudhana Rao, **M Alagusundaram**, S. Nagarjuna, K. Mallikarjuna Rao, B. Tholkappian, C. Madhu Sudhana Chetty, Effect of casting solvent and polymer on

permeability of diltiazem hydrochloride through membrane controlled transdermal drug delivery system, International conference on drug delivery, 2010, PP 213.

5. B. Praveen Reddy, C. Madhu Sudhana Chetty, S. Ramkanth, **Alagusundaram. M**, Preparation and evaluation of gastro retentive ofloxacin floating matrix tablets for controlled release, international conference on drug delivery, 2010, PP 156.
6. K. Mallikarjuna Rao, K. Gnanaprakash, S.Ramkanth, **M.Alagusundaram**, A.V. Badarinath and C.Madhusudhana Chetty; Formulation And Characterization of Transdermal Patches By Using Metoprolol Tartarate; International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Guntur 2009; OP – 40.
7. M. Nithya Nanda Reddy, C.Madhusudhana Chetty, Eswara Reddy A, **Alagusundaram M**, Ramkanth S; PROTEOMICS – A FUTURE HOPE; International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Guntur 2009; PP-24.
8. S. Chandramohan, S. Ramkanth, **M Alagusundarm**, C Madhusudhana Chetty, T S M Saleem, K. Ganaprakash; Selectins- A Selective Target for drug delivery; International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Guntur 2009; PP – 43.
9. Haritha. G, S. Ramkanth, **M. Alagusundaram**, C.Madhusudhana Chetty, V.S.Thiruvengadarajan; Severe Combine Immuno Deficiency (SCID); International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Guntur 2009; PP – 66.
10. T.S. Mohamed Saleem, S. Ramkanth, **M. Alagusundaram**, V.S.Thiruvengadarajan, P. Bhavani, and C.Madhusudhana Chetty; Renin Angiotensin Aldosterone System – A Therapeutic Target For Ischemic Heart Disease; International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Guntur 2009; PP – 81.

- 11.A. Rajeswari, **M. Alagusundaram**, G. Prasanthi, S. Ramkanth, T.S. Mohammed Saleem and C. Madhusudhana Chetty; A Potential Therapy for Cardiac Repair In The Future; International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Guntur 2009; PP – 100.
- 12.C. Madhusudhana Chetty., S. Ramkanth, **M Alagusundaram**, S. Angalaparameswari., V.S.T. Rajan., T.S.M. Saleem and K. Gnanaprakash; Nanocarriers for Drug Delivery - Need and Desires; International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Guntur 2009; PP – 120
- 13.B. Ramya, S. Angalaparameswari., C. Madhusudhana Chetty., S. Ramkanth, **M Alagusundaram**, Study of Molecular diversity in herbal plants; International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health, Guntur 2009; PP – 155.
- 14.K. Mahesh kumar, V.S.Thiruvengada rajan, **M. Alagusundaram**, C. Madhu sudhana chetty, Role of quality assurance in pharmaceutical industry, Indo-American Pharmaceutical Regulatory Symposium 2009, BPT-01.
- 15.K. Mallikarjuna Rao, K. Gnanaprakash, A. V. Badrinath, **M. Alagusundaram**, C. Madhu sudhana chetty, Formulation and characterization of floating microbeads of Amoxycillin trihydrate, Indo-American Pharmaceutical Regulatory Symposium 2009, IPS-02.
- 16.K. Gnanaprakash, K. Mallikarjuna Rao, A. V. Badrinath, **M. Alagusundaram**, C. Madhu sudhana chetty, K.B.Chandrasekhar, Preparation and Charecterization of Aceclofenac microspheres for sustained release by using solvent evaporation technique, Indo-American Pharmaceutical Regulatory Symposium 2009, IPS-01.
- 17.K. Mallikarjuna Rao, **M. Alagusundaram**, K. Gnanaprakash, A. Parameswari, C. Madhu sudhana chetty, A. V. Badrinath, Study of antimicrobial activity of *Aristolochia bracteates*, international herbal conference 2009, SNPS IHCB 09267.
- 18.B. Chengaiah, **M.Alagusundaram**, C. Madhusudhana chetty, M. Ruthu, Rejuvenating effects of Aloe Vera on the skin tissues as a silent healer, International herbal conference 2009, SNPS IHCB 09509.

19.V. Sarovar Reddy, D. Swarnalatha, S. Ramkanth, **M.Alagusundaram**; Anti-oxidant activity of Coleus froshkollin linn; International Seminar on Medicinal Plants and Herbal Products 2008; 167-168.

National level

1. **M Alagusundaram**, C Madhu Sudhana Chetty, D Dhachinamoorthi, Formulation and evaluation of buccal films containing H₂ receptor antagonist of Famotidine, 15th Annual national convention of APTI, Hyderabad, APTICON-2010, A1.
2. Chandra Mohan Rao G, Gnanaprakash K, Sujatha D, Mallikarjuna Rao K, **Alagusundaram M**, Ramkanth S, Madhusudhana Chetty C, Study on antiulcer activity of Dacus carota Juice, ICPPS & IPAC 2010, PE-P 047.
3. Madhu Sudhana Rao G, **Alagusundaram M**, Angalaparameswari S, Ramkanth S, Mohammed Saleem T S, Madhusudhana Chetty C, Study of influence of various waxy materials in Diltiazem hydrochloride using different granulation techniques, ICPPS & IPAC 2010, IP-P 065.
4. K Harshavardhan, **M Alagusundaram**, S Angalaparameswari, C Madhusudhana Chetty, S Ramkanth, Development of RP-HPLC and UV method for simultaneous estimation of Atorvastatin calcium and Nicotinic acid in tablet dosage forms, 61st IPC AHMEDABAD 2009, F-255.
5. M Nithyananda Reddy, C Madhusudhana Chetty, S Ramkanth, **M Alagusundaram**, T.S. Mohamed Saleem, Phytochemistry & pharmacological activity of Pedalium murex Linn., 61st IPC AHMEDABAD 2009, C-102.
6. Anitha P, Madhu Sudhana Chetty C, S Ramkanth, **M Alagusundaram**, Oral floating matrix tablets of Ofloxacin: An approach to controlled drug delivery via gastric retention, 61st IPC AHMEDABAD 2009, A-771.
7. S Chandramohan, S Ramkanth, **M Alagusundaram**, C Madhusudhana Chetty, Formulation and evaluation of delayed release microparticles of Metoprolol tartrate, 61st IPC AHMEDABAD 2009, A-446.

8. G Krishna Sahithi, **M Alagusundaram**, V Pavan Kumar Reddy, C Madhusudhana Chetty, Design and evaluation Famotidine Nanoemulsions prepared by phase inversion temperature method, 61st IPC AHMEDABAD 2009, A-437.
9. Uma Sankari K, Anitha P, **Alagusundaram M**, Madhus Sudhana Chetty C, Fabrication and evaluation of mucoadhesive buccal patches of Ranitidine for Intra-oral delivery, 61st IPC AHMEDABAD 2009, A-330.
10. V Sarovar Reddy, K Gnanaprakash, C Madhu Sudhana Chetty, **M Alagusundaram**, Formulation and evaluation of floating tablets of Diclofenac sodium, 61st IPC AHMEDABAD 2009, A-218.
11. Pavankumar V, Alagusundaram **M**, Ramkanth S, C Madhusudhana chetty, Formulation and evaluation of mucoadhesive buccal films of Propranolol hydrochloride, 61st IPC AHMEDABAD 2009, A-69.
12. Masthanaiah K, **Alagusundaram M**, Pavankumar V, C Madhusudhana chetty, Design and charecterisation of mucoadhesive buccal patches containing Zidovudine, 61st IPC AHMEDABAD 2009, A-68.
13. Mallikarjuna Rao. K, Gnanaprakash. K, Badarinath. A.V, **Alagusundaram. M**, Rajan. V.S.T, C. Madhusudhana Chetty, Studies on formulation and evaluation of Rosin & Waxes Epilatory, 3rd Congress on cosmetic technology 2009, P-22.
14. Umamaheswar Reddy. G, Mallikarjuna Rao. K, Gnanaprakash. K, **Alagusundaram. M**, Ramkanth. S, C. Madhusudhana Chetty, Prepartion and evaluation of sulphide metals as a depilatories, 3rd Congress on cosmetic technology 2009, P-21.
15. Indira Prasanna. R, C. Madhusudhana Chetty, Mallikarjuna Rao. K, Gnanaprakash. K, Badarinath. A.V, **Alagusundaram. M**, Studies on formulation and evaluation of lip rouge, 3rd Congress on cosmetic technology 2009, P-17.
16. Praveen Reddy. B, C. Madhusudhana Chetty, **Alagusundaram. M**, Gnanaprakash. K, Mallikarjuna Rao. K, Preparation and evaluation of Liquid mascara, 3rd Congress on cosmetic technology 2009, P-13.

17. A. Jhanavi, **M. Alagusundaram**, C. Madhusudhana Chetty; Nanotechnology – An approach for cancer treatment; Pharma Quest 2k8, Feb 2009, PPT- 21.
18. V. Reddy Kishore Kumar Reddy, **M. Alagusundaram**, C. Madhusudhana Chetty; Analysis of minerals by flame spectroscopy; Pharma Quest 2k8, Feb 2009, PPA-14.
19. K. Anusha, **M. Alagusundaram**, C. Madhusudhana Chetty; Nanorobots – An emerging trend in targeted drug delivery; Pharma Quest 2k8, Feb 2009, PPH- 49.
20. P. Manju Bhargavi, **M. Alagusundaram**, C. Madhusudhana Chetty; Blood brain barrier – An approach to targeted drug delivery system; Pharma Quest 2k8, Feb 2009, PPH- 44.
21. S. Usha Rekha, **M. Alagusundaram**, C. Madhusudhana Chetty; Niosomes – An efficient drug carrier; Pharma Quest 2k8, Feb 2009, PPH- 48.
22. A. Aparna, G. Bharathi, A. Eswara Reddy, **M. Alagusundaram**, C. Madhusudhana Chetty; Liposuction – modern technique of fat modeling; Pharma Quest 2k8, Feb 2009, PPH- 44.
23. Umashankari. K, **Alagusundarm M**, Anitha P, Ruthu M, Madhusudhana chetty C, Mallikarjuna Rao K, Anti-oxidant activity of Coleous forshkoholli Linn; 60th IPC NEW DELHI 2008, PG 353
24. B. Chengaiah, B. Prathap, **M. Alagusundaram**, M.Ruthu, V. Sarovar reddy; Identification of terpenes in the stem of ocimum basilicum Linn by HPTLC technique; 60th IPC NEW DELHI 2008, PA 221.
25. G. Gopi, R. Sivakumar, Sarojini, **M. Alagusundaram**, Formulation and Evaluation of Ethyl cellulose coated microcapsules of Zidovudine, National seminar on Exploring research platform for pharmaceutical product and process development, March 2008, OP 41.
26. V. Sarovar Reddy, D. Swarnalatha, S. Ramkanth, **M. Alagusundaram**, M.Subramanian, K.Prasath,; The use of ECG in clinical drug development; Pharma Quest 2k8, Feb 2008, 19.
27. V. Sarovar Reddy, D. Swarnalatha, **M. Alagusundaram**, Archana, Madhusudhana chetty, Anti-oxidant activity of flowers of *Ademocalymma nitidu* Mart., 59th IPC Varanasi 2007, C-17.

REFERENCES

1. Dr. C. Madhu sudhana chetty,

Principal

Santhiram College of Pharmacy,

NH-18, Kurnool Road,

Nandyala, - 518112

Andhra Pradesh

+91-9502526901

2. Dr D. Dhachinamoorthi

Principal

QIS College of Pharmacy

Pondur Road,

Vengamukkapalem, Ongole

Prakasam District – 523272

Andhra Pradesh

+9- 9866268129

Declaration

I hereby declare that the above-mentioned details are true to the best of my knowledge.



(Alagusundaram .M)
