RESUME

Name : Abbaraju.Krishna sailaja

Designation : - Associate Professor

Address for correspondence : - Dr. A.Krishna sailaja,
Associate Professor& Head,
Department of pharmaceutics,
RBVRR Women's college of pharmacy,
Affiliated to Osmania University, Barkatpura, Hyderabad

Email :- shailaja1234@rediffmail.com, akskub@gmail.com

Overall experience

Total 16 years' experience in various fields

- Around 10..5 years of total teaching experience
- Five Years of Post-doctoral experience
- Over 5 years of research experience in novel drug delivery systems
- Around 1 year worked as Drugs Inspector in Hyderabad.

Job summary:

- Working as Associate Professor in RBVRR Women's College of Pharmacy since July 2013 to till date.
- Working as Head of the department, Pharmaceutics since March 2017.
- Guided 28 M-Pharmacy Projects in Novel drug delivery systems.
- Published 80 research articles in novel drug delivery system and published 35 review articles
- Worked as a SRF in Osmania University from May 2010 to May 2013.
- Worked as a JRF in Osmania University from May'08 to May2010.
- Worked as Assistant Professor in Mother Teresa College of pharmacy from auguest07 to august 08.
- Worked as Drugs inspector in Hyderabad from September 2006 to august 2007
- Worked as Assistant professor in Mallareddy College of pharmacy from

October 2004 to September 2006.

- ORCID CODE:- 0000-0002-1749-8998

  SCOPUS ID :-57192930834

  Researcher ID:- B-6881-2016

Educational Qualification:

- Ph.D Thesis (Pharmaceutics) awarded from Osmania university, Hyderabad in the month of October 2013 .
- Masters in Pharmacy from Birla Institute of technology, Ranchi 2004 with 82%
- Bachelors in pharmacy from Kakatiya university 2001 with distinction 77%

Achivements

1) Received Best scientist award in the field of pharmaceutics by International Multidisciplinary research foundation(IMRF) in its 119th International conference at Ch.S.D.St Theresa college Eluru in September 2019
2) Received Best faculty award from Novel research academy Pondicherry in the year 2020.
3) Received International distinguished researcher award in the year 2020 from Green Thinker Z
4) Selected under Early faculty Induction program (EFIP) by AICTE in 2002
5) Received 1st prize for oral presentation in an International conference Avidadham 2016 held at Anna University Chennai.
6) Received Best Women researcher Award in the 1st International Scientist Awards on Engineering, Science and Medicine, held on 14 & 15-Sep-2019, Chennai, India, Organized by VDGOOD Professional Association chenni
7) Filed three patents

   APPLICATION NUMBER:- 201944005209 FILED ON 10/02/2019

   TITLE:- DEVELOPMENT OF NANOPARTICLE DRUG DELIVERY SYSTEM FOR ASPIRIN BY DESOLVATION TECHNIQUE USING A COMBINATION OF DESOLVATING AGENTS

   Publication date:- 22/02/2019

   INVENTORS :- DR.A.KRISHNA SAILAJA.

8) **APPLICATION NUMBER:- 201944015160 FILED ON 16/04/2019**

TITLE:- DEVELOPMENT OF NANOPARTICLE DRUG DELIVERY SYSTEM FOR CASSIA SENNA

INVENTORS :- DR.A.KRISHNA SAILAJA. D.PRAVALLIKA, PROF.M.SUMAKANTH

9) **APPLICATION NUMBER:- 201944048541 FILED ON 27/11/2019**

TITLE:- DEVELOPMENT OF EHOSOMAL FORMULATION FOR TINOSPORA CORDIFOLIA BY HOT METHOD

INVENTORS :- DR.A.KRISHNA SAILAJA. G.ANUSHA

10) Received Best oral award in 50th IPS celebration, a national conference on Recent Trends in Drug Discovery & Challenges in Drug Therapy ERIPSCON 2017
11) Working as an editorial Board member for Madridge Journal of Novel drug research
12) Working as a reviewer for second International conference on Graphene and novel nanomaterials GNN 2019 conference
13) The H Index value is 9and number of citations are 484.
14) Working as Associate editor for Pharmaceutical Biotechnology published by Bioinfo publications.
15) Working as a reviewer for Bentham science journals such as Drug delivery letters and Current drug delivery
16) Reviewer for science directory journals
17) Qualified GATE with 93.75 percentile in 2002.
18) Selected for Junior Research Fellowship (JRF) in 2008.
19) Selected for Senior Research Fellowship (SRF) in 2010.
20) Recognized as a research supervisor from Osmania University. Guiding 2 research scholars.
21) Biographical note was included in Educationists & Researchers Who's Who in India 2019 published by Reguerdon In
22) Appointed as an Examiner for B-Pharm, M-Pharmacy, B tech and M-Tech practical's by Osmania University
23) Evaluator for B-Pharmacy and M-Pharmacy Theory exams conducted by Osmania University.
24) M-Pharmacy thesis evaluator appointed by Osmania University
25) Organized 3 workshops and 5 conferences in RBVRR Women's college of pharmacy

26) Working as HOD , Pharmaceutics since March 2017 till date
27) Guided 28 M-pharmacy Projects

Ph.D project:-

Studies on polymeric nanoparticles as sustained release dosage forms

BooksPublished:- 3

- PPARg polymorphisms and their association with type 2 diabetes publication by Lap Lambert academic publications,Germany) in 2012 ISBN:- 978-3-659-12892-9 .
- Preparation of polymeric nanoparticles by polymerization technique by Lap Lambert academic publications,Germany)in 2016 ISBN:- 978-3-330-00457-3.
- Microparticulate drug delivery system and their applications by Lap Lambert academic publications,Germany) in 2017. ISBN:- 978-3-620-2-01835-7.

LIST OF PUBLICATIONS- 126

SCOPUS INDEXED JOURNALS 31

1) A.Krishna sailaja,P.Amareshwar. “Preparation of carbapol coated nanoparticles by emulsionpolymerization technique”.International journal of pharmaceutical sciences and research, 2011 Vol. 2(7): pp 1786-1789.
2) A.Krishna sailaja,P.Amareshwar. “Preparation of chitosan coated nanoparticles by emulsion polymerization technique”. Asian journal al of pharmaceutical and clinical research.2011 vol 4 supple 1, pp 73-74. (UGC Approved) 09742441
3) A.Krishna sailaja.P.Amareshwar. “Preparation and characterization of BSA nanoparticles by desolvation technique using acetone as desolvating agent”. International journal of Pharmaceutical sciences and nanotechnology, 2012. IJPSN Vol 5(1)
4) A.Krishna sailaja.P.Amareshwar. “Preparation and characterization of Alginate nanoparticles by desolvation technique using acetone as desolvating agent”. Asian journal of pharmaceutical and clinical research. 2012,Vol 5(2), pp 1-5. (UGC Approved)
5) A.Krishna sailaja,P.Swati. Preparation and characterization of ibuprofen loaded ethyl cellulose nanoparticles by nanoprecipitation technique. 2014. Asian Journal of Pharmaceutical and clinical research.Vol 7(3) 44-48.

6) A.Krishna sailaja, CH. Vineela. Preparation of Ibuprofen loaded Eudragit S100 Nanoparticles by Solvent Evaporation Technique. International Journal of Pharmaceutical Science and Research (IJPSR), Vol.5, Issue.7, July 2014. pp.375-384.
7) A.Krishna sailaja and Naheed Begum. The effect of formulation variables in the preparation of ibuprofen polymeric nanoparticles. Pharmaceutical nanotechnology, 2015,Vol 3(2), 111-121.
8) A.krishna sailaja and Vutpala Sree Lola. Preparation and characterization of diltiazem hcl loaded bovine serum albumin nanoparticles by desolvation technique. Pharmaceutical Nanotechnology. 2016 **DOI: 10.2174/2211738504666160519144841** Vol 4(2), 1-8. (UGC Approved)
9) A.krishna sailaja. A Comparative study of Aspirin loaded Alginate nanoparticles prepared by desolvation technique using acetone and ethanol as desolvating agents. Nanoscience&Nanotechnology-Asia.2016.Vol6(2). (UGC Approved) DOI10.2174/2210681206666160810152044
10) A.krishna sailaja, R. Supraja and Ayesha Siddiqua. Comparative evaluation of mefenamic acid nanoparticles by desolvation technique using ethanol and isopropanol as desolvating agents.Micro and nanosystem.2016 Vol 8(1). (UGC Approved) **DOI:** 10.2174/1876402908666160712230423
11) A.Krishna sailaja and Jyothika Mattam.Preparation and evaluation of sulphasalazine loaded sodium alginate microbeads for sustained delivery.Asian journal of pharmaceutical and clinical research.2016.Vol 9 supple 2, 72-76.
12) Abbaraju Krishnasailaja∗ and Aenugu Sarithareddy. Preparation and Characterisation of Sulfasalazine LoadedPolymeric Nanoparticles by Salting Out Technique. Journal of bionanoscience.2017.Vol 11,1-8. **doi:10.1166/jbns.2017.1410** (UGC Approved)
13) Abbaraju Krishnasailaja and Regunta Supraja.Formulation of mefenamic acid loaded ethosomal gel by hot and cold methods. Nanobiomedicine and engineering.2017,9(1), 27-35. **doi: 10.5101/nbe.v9i1.** (UGC Approved) 37199
14) Abbaraju Krishnasailaja and Safura Ayesha Mujeeb.Formulation of ibuprofen loaded niosomal gel by different techniques for treating rheumatoid arthritis. Journal of Bionanoscience.2017. Vol 11, 3, 1-8. **doi:10.1166/jbns.2017.1435.**

15) A.Krishna sailaja and Shabana Sultana.Preparation and evaluation of naproxen sodium loaded liposomes, ethosomes and transferosomes. Journal of Bionanoscience, 2017,Vol 11(4):284-291. (UGC Approved) .

16) A.Krishna sailaja. A Comparative Study of Aspirin Loaded Bovine Serum Albumin Nanoparticles Prepared by Desolvation Technique Using Various Desolvating Agents. Nanobiomedicine and engineering. 2017, 9(2), 143-151 (UGC Approved). 37199

17) A.Krishna sailaja and Nnandini. Effect of various desolvating agents in the formulation of naproxen loaded BSA nanoparticles. Journal of bionanoscience. 2017. Vol 11,497-503. (UGC Approved)

18) A.Krishna sailaja amd M. Sreya. Preparation and evaluation of diclofenac sodium niosomal formulations. Journal of bionanoscience. 2017. Vol 11, 489- 496. (UGC Approved) 21657

19) A.Krishna sailaja and Naheed Begum. Formulation and Evaluation of Cox-2 Inhibitor (Etoricoxib) Loaded Ethyl Cellulose Nanoparticles for Topical Drug Delivery. Nano Biomed engineering.2018, 10(1), 1-9. (UGC Approved)

20) Juveria Banu and A. Krishna Sailaja. Effect of Different Combinations of Various Desolvating Agents in the Preparation of Naproxen Loaded BSA Nanoparticles by Desolvation Technique. Journal of Bionanoscience. 2018. Vol 12, 159-169. (UGC Approved)

21) A. Krishna Sailaja and V. Sree Lola. Formulation of Mefenamic Acid Loaded Polymeric Nanoparticles for the Treatment of Rheumatoid Arthritis**.** J. Bio nanosci. 2018.12, 177–183 . (UGC Approved)

22) A.Krishna sailaja and M.Shreya. Preparation and characterization of naproxen loaded niosomes by ether injection method. Nanobiomedicine and engineering. 2018, 10(2),174-80. (UGC Approved)

23) Naheed Begum and A. Krishna Sailaja. Formulation and Evaluation of Cox-2 Inhibitor (Etoricoxib) Loaded Eudragit S-100 Polymeric Nanoparticles for Topical Drug Delivery. Journal of Bionanoscience, 2018,12(5), 646-653.

24) A. Krishna Sailaja* and Juveria Banu. Preparation and Evaluation of Chitosan Loaded Naproxen Nanoparticles by Emulsion Interfacial Reaction Method. Drug delivery letters. 2019, vol 9 89-96.DOI *10.2174/2210303109666190211150117*.

25) A.Krishna sailaja and V.Ravalika. Effect of various surfactants in the formulation and evaluation of etoricoxib loaded transferosomal gel. Journal of bionanoscience.2018, Vol 12 (6), 739-747. https://doi.org/10.1166/jbns.2018.1595

26) Huda Syed, Abbaraju Krishna Sailaja. **Preparation and Characterization of Nanoparticulate Drug Delivery System for Naproxen Sodium Using Various Desolvating Agents.Nanobiomedicine and engineering.2019,11(3),254-263.**

27) Naheed Begum and A. Krishna Sailaja. Formulation and Evaluation of Cox-2 Inhibitor (Etoricoxib) Loaded Eudragit S-100 Polymeric Nanoparticles for Topical Drug Delivery. Journal of Bionanoscience, 2018,12(5), 646-653.

28) A. Krishna Sailaja, A. Saritha Reddy1, V. Sreelola, P. Swathi and Ch. Vineela. Nanotechnology-An Overview. Journal of Pharmacy and Nutrition Sciences, 2014, 4, 246-254. DOI: http://dx.doi.org/10.6000/1927-5951.2014.04.04.3(UGC Approved)

29) A.Krishna sailaja and Siddiqua Gazi. Preparation of methotrexate nanoparticles and determining its anticancer activity by MTT assay. Nanobiomedicine and engineering, 2019,11(4), 351-360 .

30) Abbaraju Krishnasailaja and Regunta Supraja.Formulation of mefenamic acid loaded transferosomal gel by thin film hydration technique and by hand shaking method. Nanomedicine . 2017, vol 4 (3). DOI: **10.22038/nmj.2017.8414**.

31) A.Krishna sailaja and Siddiqua Gazi. Preparation and characterization of Methotrexate loaded solid lipid nanoparticles by micro emulsion technique. submitted

LIST OF PEER REVIEWED JOURNALS

32) A.Krishna sailaja,P.Amareshwar, “Preparation and characterization of nimesulide loaded ethylcellulose nanoparticles by salting out technique”. Journal of pharmacy research.2011,Vol 4(11), pp 3955-3957.

33) Abbaraju Krishna Sailaja, D.Pravallika. Phytochemical Characterization and Antimicrobial Activity of Cassia Alata Leaf Extract. Research & Reviews: A Journal of Microbiology and Virology. 2019; 9(3): 20–24p

34) A.Krishnasailaja,P.Amareshwar. “Different techniques for the preparation of nanoparticles using natural polymers and their applications” , International journal of pharmacy and pharmaceutical sciences, 2011,vol 3(2), pp 45-50.

35) A.Krishna sailaja,P.Amareshwar. “Preparation of polymethylmethacrylate nanoparticles by emulsion polymerization technique”. Asian journal of Biochemical and pharmaceutical research. 2011, vol 1(2) pp 298-302. (UGC Approved) 22312560

36) A.Krishna sailaja,P.Amareshwar. “Preparation of bovine serum albumin loaded chitosan nanoparticles by reverse micellar technique”. Research journal of pharmaceutical biological and chemical sciences, 2011, vol 2(3) pp 837-846.

37) A.Krishna sailaja.P.Amareshwar.”Preparation and characterization of Gelatine nanoparticles by desolvation technique using acetone as desolvating agent”. Journal of pharmacy research2012, 5(4), pp 1854-1856.

38) A.Krishna sailaja.P.Amareshwar. “Preparation and characterization of BSA nanoparticles by desolvation technique using sodium sulphate as desolvating agent”. International Journal of pharmacy and integrated life sciences”2012, vol 1(3), pp 69-75.

39) A.Krishna sailaja.P.Amareshwar. “Preparation and characterization of Nimesulide loaded CAHP nanoparticles by salting out technique” .World Journal of Journal of Pharmacutical sciences” May 2013,Vol 1(1), 22 -28.

40) A.Krishna sailaja. “Formulation and evaluation of Rantidine hydrochloride Floating tablets using various polymers. International Journal of pharmacy and integrated life sciences”. 2013, vol 1(5), pp 150-161.

41) A.Krishna sailaja,A.Sarita. Preparation and characterization of Aspirin loaded ethyl cellulose nanoparticles by solvent evaporation technique. 2014. World Journal of pharmacy and Pharmaceutical Sciences.2014. Vol 3(6) 1781-1793.

42) A.Krishna sailaja, V.Sree lola. Preparation and characterization of Ibuprofen loaded Polymeric nanoparticles by solvent evaporation technique. International Journal of pharmacy and pharmaceutical sciences.2014.Vol 6 (8) 416-421.

43) Krishna Sailaja and Chandavath Vineela. Preparation and characterization of mefenamic acid loaded bovine serum albumin nanoparticles by desolvation

technique using acetone as desolvating agent. Der Pharmacia Lettre, 2014, 6 (6):207-226.

44) A.Krishna sailaja.Formulation characterization and optimization of process variables of chitosan nanoparticles containing sulphasalazine. Journal of chemical and pharmaceutical sciences.2014. Vol 7(2): 67-72.(UGC Approved)

45) A.Krishna sailaja.Invitro dissolution studies of Nimesulide loaded cellulose acetate Hydrogen phthalate nanoparticles by salting out technique.CIB Tech journal of pharmaceutical sciences. 2014 ,Vol 4(1), pp 1-11.

46) A.Krishna sailaja. Invitro dissolution studies of BSA loaded carbapol nanoparticles by polymerization technique. International journal of basic and applied chemical sciences.2015, vol 5(1),pp 23-29.

47) A.Krishna sailaja and K.Anusha.Preparation and evaluation of ibuprofen loaded microspheres. International journal of basic and applied chemical sciences.2015, vol 5(3),pp 30-38.

48) A.Krishna sailaja and Ramya shivani. Preparation and evaluation of floating microspheres of omeprazole by solvent evaporation technique. International journal of basic and applied pp 67-78. chemical sciences.2015, vol 5(3),

49) A. Krishna Sailaja and Chandavath Vineela. Preparation and characterization of ibuprofen loaded sodium alginate nanoparticles by desolvation technique.2015, Vol7(1)28-38.

50) A.Krishna sailaja and Shabana Sultana. Formulation and evaluation of diclofenac Formulation and evaluation of diclofenac sodium transferosomes using different surfactants by thin film hydration method Der Pharmacia Lettre, 2015, 7 (6):207-226.

51) A.Krishna sailaja.Invitro dissolution studies of aspirin loaded gelatin nanoparticles by desolvation technique using acetone as desolvating agent.CIB Tech journal of pharmaceutical sciences. 2015. Vol 4(4), 1-13 .

52) A.Krishna sailaja.Invitro dissolution studies of Nimesulide loaded ethyl cellulose nanoparticles by salting out technique.CIB Tech journal of pharmaceutical sciences. 2015. Vol 4(4), 14-26.

53) A.Krishna sailaja and K.Anusha. Preparation and evaluation of mefenamic acid loaded microspheres using synthetic and natural polymers. Der Pharmacia Lettre.2016, 8(1):197-205.

54) A.Krishna sailaja and P.Swati. Preparation of sodium alginate nanoparticles by desolvation technique using isopropyl alcohol as desolvating agent. 1JAP. 2015. vol4(5) 60-71.

55) A.Krishna sailaja and M.Nandini. Preparation of diclofenac nanoparticles by desolvation technique using acetone as desolvating agent. Indian journal of novel drug delivery. 2016.Vol 8(1): 42-45.

56) A.Krishna sailaja. Formulation and evaluation studies of BSA loaded chitosan nanoparticles by polymerization technique. *International Journal of Advances in Pharmaceutics.2016.Vol 5(3), pp 66-75.*

57) A.Krishna sailaja and Ramya Shivani B. Formulation and evaluation of Omeprazole Magnecium loaded microspheres by solvent evaporation technique. CIB Tech journal of pharmaceutical sciences. 2016.Vol 5(2),17-30.

58) A.krishna sailaja and Anusha K. Preparation and evaluation of mefenamic acid loaded microspheres using synthetic and natural polymers. Der Pharmacia letter.2016, vol 8(1),197-205.

59) A.Krishna sailaja and V Sree lola.Formulation of Mefenamic acid loaded polymeric nanoparticles by ionotropic gelation technique for the treatment of rheumatoid arthritis.International Journal of Advances in Pharmaceutics.Volume 5(6), 151-159**DOI: 10.7439/ijap.**

60) Abbaraju Krishnasailaja and Pamulaparthi Swathi. Preparation and Characterization of Sulphasalazine Loaded Nanoparticles by Nanoprecipitation and Ionotropic GelationTechniques Using Various Polymers. Current nanomedicine, 2017, 7, 1-17. ***10.2174/2468187306666161110155333.***

61) A. Krishna sailaja and Chandavanth Vineela. Preparation of Mefenamic Acid Loaded Ethyl Cellulose and Eudragit® S100 Nanoparticles by Nanoprecipitation Technique and a Comparative Study between Two Polymers for the Formulation of Mefenamic Acid Nanoparticles. Current nanomedicine .2018. 8, 1-9.

62) Jyothika Mattam*, Krishna sailaja.A. Comparative Study of Sulfasalazine Loaded Microcapsules and Microspheres. Indian Journal of Novel Drug Delivery 10(1), Jan-Mar, 2018, 24-31

63) Ayesha Siddiqua Gazi and Abbaraju Krishna Sailaja. Preparation & evaluation of paracetamol solid lipid nanoparticles by hot homogenization method. Journal of nanomedicine research.2018. Vol 7(2), 152-154.

64) Ayesha Siddiqua Gazi and Abbaraju Krishna Sailaja*Preparation and Characterization of Paracetamol Loaded Eudragit S100 Nanoparticles by Salting Out Technique. Journal of developing drugs. 2018. Vol 7(1), 1-4.

65) A.Krishna Sailaja and Sudha Melluri. Extraction of starch from Zinger rhizome. Open acess journal of Biomedical engineering and Biosciences. 2018, 2(4),1-3.

66) Tabassum a. and A.Krishna sailaja. Preparation &Characterization of Bosentan Loaded Ethyl cellulose Nanoparticles by Solvent Evaporation Technique.Nanomedicine and nanotechnology open access, 2018, 3(2), 1-4.

67) Abbaraju Krishna sailaja. Preparation and Evaluation of Nimesulide Loaded Nanoparticles by Nanoprecipitation Technique. Research Journal of Nanoscience and Engineering. Volume 3, Issue 1, 2019, PP 10-12

68) Pranaya Ragini B and Krishna Sailaja A* Preparation of Aspirin Loaded Ethyl Cellulose Nanoparticles by Nano Precipitation Technique.SOJ Pharmacy & Pharmaceutical Sciences. SOJ Pharm Sci 2019, 6(2):1-3. DOI: 10.15226/2374-6866/6/2/00197

69) A.Krishna sailaja and Bibi sara Preparation of Mefenamic Acid Loaded Ethosomes by Hot Method. Ann of Phar Nano Tech and Nanomedi. 2019; 2(1): 01-04.

70) Asmaul-Husna, Sailaja AK (2019) Preparation and Evaluation of Mefenamic Acid Loaded BSA Nanoparticles by Desolvation Technique Using Acetonitrile as Desolvating Agent. J Clin Pharm Vol: 1, Issu: 1 (25-28)

71) A.Krishna sailaja and Uzma Afreen.Preparation and Evaluation of Mefenamic Acid Loaded Microspheres by Solvent Evaporation Technique.Nanotechnology and nanoscience: Open acess.20196(1),1-4.

72) : Krishna S, Afreen U, Nidha B,Herbal formulation for the treatment of bleeding gums. Department of pharmaceutics and RBVRR women's college of pharmacy

(Osmania University). Journal of Veterinary science and zoology. 1(1): Doi: 10.31579/JVSZ/2019

73) A.Krishna sailaja "Formulation of herbal shampoo to treat dandruff " Accepted in Drug Designing & Intellectual Properties International Journal

74) Krishna S Herbal Formulation for the Treatment of Wrinkles. Department of pharmaceutics and RBVRR women's college of pharmacy (Osmania University). Journal of Veterinary science and zoology. 1(1): Doi: 10.31579/JVSZ/2019

75) A.Krishna sailaja Preparation and evaluation of mefenamic acid nanoparticles by intermittent addition method**.** Accepted in Journal of nanotechnology.

76) A.Krishna sailaja and G.Bhanusri Preparation And evaluation of mefenamic acid nanoparticles by continuous addition method using butanol as desolvating agent. Accepted in letters in applied nanobioscience

77) Nidha Begum, A Krishna Sailaja. Preparation and Evaluation of Mefenamic Acid Nanoparticles by Nanoprecipitation Technique. Arch Nano Op Acc J 2(1). 2019. ANOAJ.MS.ID.000128

78) Tabassum A and Krishnasailaja A. Preparation & Characterization of Bosentan Loaded Ethyl cellulose Nanoparticles by Solvent Evaporation Technique. Nanomed Nanotechnol 2018, 3(2): 000141

79) A.Krishna sailaja and E.Veena.Preparation and Evaluation of Aspirin Loaded Microspheres by Solvent Evaporation Technique. Journal of medicine and biology.2019,Vol 1(1), 27-32.

80) ***A.Krishna sailaja Herbal Formulation For The Treatment of Acne Vulgaris***"accepted in "Advances in Bioengineering and Biomedical Science Research

81) AKrishna sailaja and D.Pravallika. Phytochemical characterization and antimicrobial activity of Cassia senna leaf extract.Research and reviews.A Journal of microbiology and virology.2019, vol 9(3).

82) : Prerana Jadha, A Krishna Shailaja. Niosomes-a Vesicular Drug Delivery System for Drug Targeting. Drug Des Int Prop Int J, 2020, 3(5), 418-420. DDIPIJ.MS.ID.000171. DOI: 10.32474/DDIPIJ.2020.03.000171.

83) A.Krishna sailaja and Shaik Nishad . Development of ethosomal gel of Withania somnifera. Journal of addiction research. 2020,4(2),26-29.

84) A Krishna Sailaja (2020) Herbal Medicine for the Treatment of Rheumatoid Arthritis. Journal of Physics & Optics Sciences. SRC/JPSOS/124, 2020,2(2), 1-4.

85) A.Krishna sailaja and G. Anusha. An overll review on Tinospora cordifolia. Experimental medicine. 2020, Vol 2(1), 1-6

86) Moguloori Sai Sowmya, A. Krishna Sailaja. Formulation of Algosome – A Novel Carrier for Drug Delivery. International Journal of Pharmaceutical Sciences and Clinical Research 2021; 1(1):4-8

REVIEW ARTICLES 37

1) A.Krishna sailaja,P.Amreshwar. "Chitosan nanopar ticles as a drug delivery system", Research journal of pharmaceutical biological and chemical sciences. 2010. Vol 1(3) pp 474- 484. (UGC Approved)

2) AKrishna sailaja,P.Amareshwar. An overall review on insulin resistance in the commencement of type 2 diabetes. Journal of pharmaceutical and biomedical sciences. 2010. 3(10), 1-5.

4) An overall review on Magnetic nanoparticles and their applications. 2013. Innovare Journal of Life sciences. Vol 1(3) 6-9.

5) An overall review on colon specific drug delivery systems. 2014. Journal of modern drug discovery and drug delivery research. Vol 1(1).

6) An overall review on rheumatoid arthritis. Journal of current pharma research.2014. Vol 4(2), 1138-1143.

7) An overall review on Chronic Asthma. International Journal of Pharmaceutics and drug analysis.2014. Vol 2(3) 275-279.

8) A.Krishna sailaja and P.Shashikala An overall review on Liposomal drug delivery systems.2014.Indian journal of Novel drug delivery. 2014,6(2), 112-119

9) A.krishna sailaja. An overall review on Ankylosing spondylitis. International journal of Current pharmaceutical sciences.2014. 1(1), 1-5.

10) A. Krishna Sailaja, A. Saritha Reddy1, V. Sreelola, P. Swathi and Ch. Vineela. Nanotechnology-An Overview. Journal of Pharmacy and Nutrition Sciences, 2014, 4, 246-254. DOI: http://dx.doi.org/10.6000/1927-5951.2014.04.04.3(UGC Approved)

11) A. Krishna Sailaja, Treatment of Ankylosing spondylitis based on allopathic and

ayurvedic system of medicine. Mintage journal of pharmaceutical and medical sciences.2015.Vol 4(1), 22-24.

12) A. Krishna Sailaja, Treatment for Low Back Pain Attributed to Underlying Presumptive Etiology. American journal of drug delivery and therapeutics. 2015.2(1): 001-008.
13) A.Krishna sailaja. An overall review on Obesity and its related disorders.Innovare Journal of Life sciences.2015, Vol 3(1), pp 1-3.
14) A.Krishna sailaja and M.Jyotika. An overall review on microcapsules.CIBTech journal of pharmaceutical sciences.2015, Volume 4 (2),26-33.
15) A.Krishna sailaja and Safura Ayesha. Niosomes. A vesicular system for drug targetting. Journal of pharmaceutical and biological sciences.2015, 3(1), 24-31.
16) A.Krishna sailaja.The role of diet and life style modifications in the prevalence of metabolic disorders and progression of autoimmune diseases. 2016.Acta Velit, Vol 1(3), 11-15.
17) A.Krishna sailaja and syed shabana sultana.Transferosomes- A Novel approach in the design of transdermal drug delivery system.International journal of pharma and chemical research. 2015.Vol 1(4), 173-178.
18) A.Krishna sailaja and syed shabana sultana. Ethosomes. A Novel approach in the design of transdermal drug delivery system. 2015.Int Journl of medpharm research Vol 2(1), 17-22.
19) A.Krishna sailaja. Niosomes- A Novel drug carrier for drug targeting. Mintage journal of medical and pharmaceutical sciences. 2016. Vol 5(1), 8-15.
20) A.Krishna sailaja. Biomedical applications of microspheres. J. of Modern Drug Discovery And Drug Delivery Research 2015. Vol 4(2), 1-5.
21) Krishna sailaja and Poornima vushakola. Micro emulsion. A Potential carrier for drug delivery. Innovare Journal of life sciences. 2016. Vol 4(2),1-5.
22) A.krihna sailaja. Role of vaccine adjuvant in vaccine development. Journal of pharma science. 2016.Vol 1(1), 1-9.
23) A.Krishna sailaja and R. Supraja. An overall review on topical preparation-gel. Innovat International journal of medical and pharmaceutical sciences. 2016.1(1).17-20.
24) A.Krishna sailaja and Ayesha Siddiqua. An overall review on polymeric nanoparticles. International journal of research in pharmacy and pharmaceutical sciences.2017,Vol 2 (1), 21-28.
25) A.Krishna sailaja and Anusha K A review on microspheres as a drug delivery carrier.IJAP.2017,6(5):96-102.
26) A.Krishna sailaja and Veldurthi Ravalika. Areview on transferosomes as ultra deformable vesicular carriers for transdermal drug delivery. Innovate international journal

of medical and pharmaceutical sciences.2017. Vol 2(5): 3-5.

27) Abbaraju KS (2017) Treatment of Uterine Fibroids Based on Allopathy and Indian System of Medicine. Pharmacovigil Pharm Ther 2017: J-107. DOI: 10.29011/JPPT-107. 100107.

28) Sirisha V and Sailaja AK. Review on Recent Approaches in Transdermal Drug Delivery System. Journal of Nursing and Patient Health care, 2018, 1(1), 1-12.

29) **Abbaraju Krishnasailaja* and Madiha Fatima.** Curcumin: Significance in Treating Diseases. Advances in Bioengineering & Biomedical Science Research, 2018, 1(2), 1-5.

30) **P.Suchitra devi *, Abbaraju Krishna, Sailaja. A Review on Monoclonal Antibodies.** Journal of Innovation in Pharmaceutical Sciences (2017); 1(3): 25-30

31) A.Krishna sailaja. A Review on biomedical applications of polymeric nanoparticles.Drug Designing and intellectual property. 2018,2(3), 216-220.

32)A.Krishna sailaja. An Overall Review on The Treatment of Uterine Fibroid by Yoga. A open acess journal of reproductive system and sexual disorders.2019. Vol2(3), 211-216.

33) Bibi sara and A.Krishna sailaja. A Review on Polyherbal Formulations used in the Treatment of Autoimmune Disease like Rheumatoid Arthritis. *Research & Reviews: Journal of Herbal Science*. 2019; 8(1): 11–16p.

34)A.Krishna sailaja . Applications of nanoparticles in drug delivery system: a review. Accepted in Current Trends in Phytomedicine and Clinical Therapeutics, 2020

35) Begum N, Shailaja AK. Overall Review on Proniosomes. J Pharmacol Transl Res. 2020; 1(1): 1-3.

36) Ammaarah & Krishna Sailaja A. Liposomes-A Novel drug delivery system. South Asian Res J Pharm Sci; Vol-2, Iss-4 (July-Aug, 2020): 63-67.

33) Bibi sara and A.Krishna sailaja. A Review on Polyherbal Formulations used in the Treatment of Autoimmune Disease like Rheumatoid Arthritis. *Research & Reviews: Journal of Herbal Science*. 2019; 8(1): 11–16p.

34)A.Krishna sailaja . Applications of nanoparticles in drug delivery system: a review. Accepted in Current Trends in Phytomedicine and Clinical Therapeutics, 2020

35) Begum N, Shailaja AK. Overall Review on Proniosomes. J Pharmacol Transl Res. 2020; 1(1): 1-3.

36) Ammaarah & Krishna Sailaja A. Liposomes-A Novel drug delivery system. South Asian Res J Pharm Sci; Vol-2, Iss-4 (July-Aug, 2020): 63-67.

37) A.Krishna sailaja and Uzma afreen. Pharmacosomes and emulsomes –An emerging Novel vesicular drug delivery system."Global Journal of Anasthesia and pain medicine.2020, 3(4), 287-297. 10.32474/GJAPM.2020.03.000166.

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Papers presented in Conferences – 10

1) Participated and presented poster in the 1st International conference on Innovative Pharmacy and Pharmaceutical sciences held during 16th April 2012 at Bhopal on Preparation and characterization of BSA nanoparticles by desolvation technique using Sodium sulphate as desolvating agent.2012.
2) Presented a paper in an International conference on health and medicine held at Singapore on May 12th 2018 on the topic" Design of nanoparticle drug delivery system for naproxen in the treatment of rheumatoid arthritis"
3) Presented a paper in "6th International postgraduates conference on pharmaceutical sciences 2018" International Medical University, Kuala Lumpur, Malasia on "Preparation and characterization of methotrexate nanoparticles by nanoprecipitation technique". 15 &16th August 2018.
4) Participated and presented paper in the " National conference on nanoscience,Nanoengineering and applications" held during 28th and 29th April 2012 at JNTU on "Preparation and characterization of Alginate nanoparticles by desolvation technique using Ethanol as desolvating agent".
5) Participated and presented paper in the Nanopharma 2012 held during 28th and 29th September at Chenni on Preparation and characterization of Nimesulide loaded CAHP nanoparticles by salting out technique.
6) Presented poster in 2nd International conference and Exhibition on Pharmaceutical regulatory affairs held during November 23-24, 2012 at Hyderabad International Convention center on Preparation of BSA nanoparticles by desolvation technique using ethanol as desolvating agent.
7) Presented Paper in 3rd international conference on drug delivery held during 2014at PSG College of pharmacy, Coimbatore on Preparation and characterization of Diltiazem Hcl loaded BSA nanoparticles by desolvation technique.

8) Presented Paper and got 1st prize in 4th international conference held during 2016 at Department of Biotechnology, Anna University on Nanoparticle drug delivery system in the treatment of diabetes mellitus.
9) Presented paper and got best oral award in 50th IPS celebration, a national conference on Recent Trends in Drug Discovery & Challenges in Drug Therapy ERIPSCON 2017 held by Vijaya college of pharmacy, Vijayawada.

INVITED TALKS IN INTERNATIONAL CONFERENCES AND WORKSHOPS
International webinars 5
International conferences 2
National conferences 3

1) Attended 4th international conference on nanomaterials ICN 2019, Mahatmagandhi University, Kottayam on 12-14th April as an **invited speaker** and delivered lecture on" Preparation and characterization of methotrexate nanoparticles by nanoprecipitation technique"
2) Attended as an Invited speaker for Recent Trends in Pharmaceutical, Medical and Applied Sciences for Global Development (RTPMASGD-2021) by Virtual Mode on January 28-29, 2021 organized by pharma medical sciences development society on" Development of vesicular drug delivery system for naproxen in the treatment of Rheumatoid arthritis"
3) Attended as a **Key note speaker** and delivered a talk to an International webinar on July 10th, 2020 Osaka, Japan Organized by Meetings International delivered a talk on" Development of Vesicular drug delivery system for NSAIDS"
4) Attended as a **Key note speaker** and delivered a talk to an International webinar on October 31st 2020 Osaka, Japan at the held during October 31st, 2020 International Conference on Materials Technology delivered a talk on" preparation of sulfasalazine nanoparticles by solvent evaporation technique
5) Attended as a **speaker** and delivered a talk to an International webinar on October 5th 2020 Osaka, Japan Organized by Meetings International on" DEVELOPMENT OF NANO PARTICLE DRUG DELIVERY SYSTEM FOR NAPROXEN FOR THE TREATMENT OF RHEUMATOID ARTHRITIS
6) Attended as a **Key note speaker** and delivered a talk on" Preparation and characterization of mefenamic acid loaded polymeric nanoparticles by solvent evaporation and Ionotropic gelation techniques"at the 9th International Conference on Smart Materials and Structures held during October 19-20, 2020
7) Attended as a **Key note speaker** and delivered a talk in an International webinar on June 23rd, 2020 Osaka, Japan Organized by Meetings International on" significance of particle size upon delivery of drug in the formulation"

8) Attended as a **speaker** to an International webinar on June 01, 2020 Osaka, Japan Organized by Meetings International delivered the talk on" Development of

herbal formulations based on novel drug delivery approaches"

9) Attended as a **speaker** and delivered a talk in an International webinar "Nanotechnology Virtual 2020" on July 15and 16th in USA, Organized by Magnus group on" Development of Ethosomal gel of Tinospora cordifolia"
10) Attended as an **Invited speaker** and delivered a talk in an International webinar " 9th global nanotechnology webinar" on July 22nd and 23rd in UK, Organized by SCIFED group on" Development of nano particle drug delivery system for Cassia senna for the treatment of cancer".

11) Attended as **a plenary speaker** International conference on biotechnological advances in medicinal plants and natural products " on 19th and 20th september 2019 in Garden city University, Bangaloore and presented a talk on " Development of herbal formulations based on novel drug delivery approaches
12) Attended as **a plenary speaker** to an International conference " International Forum on physics, chemistry and allied sciences on 27th and 28th Elluru and presented a talk on" Formulation and evaluation of letrozole nanoparticles and determining its anti-cancer activity by MTT assay.
13) Attended as a **Plenary speaker** to an International conference in December 02-03, 2019 Bangkok, Thailand.. Organized by Inovine Conferences on 2nd and 3rd December 2019 delivered the talk on" The effect of particle size upon delivery of drug in formulation"
14) Participated 3 day workshop on Molecular Modeling using open source software conducted during 29th to 31 st October 2018 at Department of chemistry, Osmania University.
15) Participated in 3 day workshop on" Recent trends in Formulation design and Bioanalytical estimations" held from 28th to 30th March 2019 at RBVRR Women's college of pharmacy and IPA, Telangana state Branch.
16) Organized two day work shop on" **Human genome project in drug discovery and development**" held on 30th and 31st August 2019 in RBVRR Women's college of pharmacy**.**

A.Krishna sailaja

Signature