

NOIDA INSTITUTE OF ENGINEERING &

TECHNOLOGY

(PHARMACY INSTITUTE)

GREATER NOIDA

List of Publications

2020

International Journal	National Journal	International Conferences	National Conferences
36	3	16	0

A. International Journal

1. **Gauniya Anju, Mazumder Rupa**, Pathak Kamla, “Enhancement of Permeability and Dissolution Profile of Poorly Permeable Drug by Using Controlled Crystallization Bottom Up Technique”, Latin American Journal of Pharmacy, 39(3), 576-582 (ISSN / eISSN: 0326-2383) (SCI)
http://www.latamjpharm.org/resumenes/39/3/LAJOP_39_3_1_21.pdf
2. Ajay Kumar, **Salahuddin, Avijit Mazumder**, Mohammad Shahar Yar, Rajnish Kumar and Mohamed Jawed Ahsan, “The synthesis and Anticancer potentials of Quinoline Analogues: A Review of Literature”, Mini-Reviews in Organic Chemistry, 18, 1-34, 2021, 10.2174/1570193X17999201012182001 SCI
3. Vishal Tyagi, Vijay Kumar Singh, Pramod Kumar Sharma, **Veena Singh**, “Essential oil- based nanostructures for inflammation and rheumatoid arthritis”, Journal of Drug Delivery Sciences and Technology, 60,2020 SCI DOI: 10.1016/j.jddst.2020.101983
4. **Veena Devi Singh**, Vijay Kumar Singh, “Chemo-Metric Assisted UV-Spectrophotometric Methods for Simultaneous Estimation of Darunavir Ethanolate and Cobicistat in Binary Mixture and their Tablet Formulation”, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy vol-250,2020,DOI:<https://doi.org/10.1016/j.saa.220.119383>.SCI

5. Mohammed Jawed Ahsan, Mohd. Zaheen Hassan, Surender Singh Jadav, Mohammed H. Geesi, Mohammed Afroz Bakht, Yassine Riadi, Salahuddin, Md. Sayeed Akhtar, Mohammad Nasar Mallick, Md. Habban Akhter, "Synthesis and Biological Potentials of 5-aryl-N-[4-(trifluoromethyl) phenyl]-1,3,4-oxadiazol-2-amines", Letters in Organic Chemistry, 17(2),2020 (SCI) DOI : 10.2174/1570178616666190401193928
6. **Gauniya Anju, Mazumder Rupa**, Pathak Kamla, "Development of Ziprasidone Nanocrystals Prepared By Wet Media Milling Technique: IVIVC", **Latin American Journal of Pharmacy**, 39, (11), 2020. (SCI)
7. **Padhi Swarupanjali, Mazumder Rupa**, Bisth Shradha, "Development of Reverse Phase Ultra-Fast Liquid Chromatography Using Ion-pairing reagent for Quantitative Assessment of Ceftriaxone in Rat Serum and Cerebrospinal Fluid", Current Pharmaceutical Analysis, 17 (8), 1088- 1092, 2020. (SCI Expanded)DOI : 10.2174/1573412916999200526112921; (SCI) ISSN / eISSN: 1573-4129 / 1875- 676X
8. Rakesh Sahu, **Rakhi Mishra, Chandana Majee**, "An insight into primary biliary cholangitis and its recent advances in treatment: semi-synthetic analogs to combat ursodeoxycholic-acid resistance", Expert reviews of Gastroenterology& Hepatology, Pg. 1-36, 2020, SCI
9. Rakesh Sahu, **Rakhi Mishra, Chandana Majee**, "Recent Development in Nuclear Magnetic Resonance as a Technique for Quantitative Method Validation", Journal of Reports in Pharmaceutical Sciences, 83(6), 1094-1106, 2020, DOI: 10.36468/pharmaceutical-sciences.865 SCI
10. Sheetal Kumari, **Rupa Mazumder, Monika Madhra**, "Microemulgel a novel approach as topical delivery system for hydrophobic drugs", International Journal Of Pharmaceutical Research, 12(3), 1667-1676, 2020 (Scopus)<https://doi.org/10.31838/ijpr/2020.12.03.203>
11. **Chandana Majee, Rupa Mazumder**, Alka Maurya, "Pharmacognostical Evaluation and Preliminary Phytochemical Analysis of Different parts of *Lagerstroemia Speciosa*", International Journal of Pharmaceutical Sciences and Research,11(8), 3841-3847, 2020 (Scopus) DOI: 10.13040/IJPSR.0975-8232.11(8).3841-47 \
12. **Mazumdar Avijit. Majee Chandana**, "Impact of Climate Change on Seafood And Their Consumption", Journal of Critical reviews, 7(1): 634-638, 2020, (Scopus) doi: 10.31838/jcr.07.01.124
13. Rakesh Sahu, **Rakhi Mishra, Chandana Majee**, Ajay Kumar, **Rupa Mazumder**, "Obeticholic Acid: An Insight Into A Quantitative Determination and Methodological Validation Through Nuclear Magnetic Resonance", International Journal of Applied Pharmaceutics, 12(6), 179-190,2020, DOI <https://doi.org/10.22159/ijap.2020v12i6.38944>SCOPUS
14. Sahil Husain Siddqui, **Sushma Verma**, "A review on Nanoparticles: Preparation and Their applications in Pharmacy", International Journal of Pharmaceutical Research,

- 2020,13 (1), 1016-1023, DoI: <https://doi.org/10.31838/ijpr/2021.13.01.162>, **Scopus**
15. Shumaila Khan, **Sushma Verma**, “Niosomes: A Targeted Drug Delivery System Overview”, *International Journal of Pharmaceutical Research*, 2020,13(1),2426-2433, DOI: <https://doi.org/10.31838/ijpr/2021.13.01.397>, **Scopus**
16. Vikas Sharma, **Chanadana Majee**, , Shivani Saxena, **Rajnish Kumar**, **Salahuddin**, **Avijit Mazumder**, “Weapon Against Epilepsy: Acorus Calamus, Its Phytochemistry, Ethnopharmacology, and Pharmacological Actions”, *International Journal of Pharmaceutical Research*, 13(1), 2614-2627, 2020 DOI: <https://doi.org/10.31838/ijpr/2021.13.01.391> **Scopus**
17. Vishal Kumar Raj, **Rupa Mazumder**, **Monika Madhra**, “Ocular Drug Delivery System: Challenges and Approaches”, *International Journal of Applied Pharmaceutics*, 12(5),2020, **SCOPUS** ,DOI <https://doi.org/10.22159/ijap.2020v12i5.38762>
18. **Neha Sharma**, S. Sharma. R. Kaushik, “ Formulation and Evaluation of Lornoxicam Transdermal patches using various Permeation Enhancers”, *International Journal of Drug Delivery And Technology*, 9(4), 597-607,2020 **Scopus**
https://www.researchgate.net/publication/338539965_Formulation_and_Evaluation_of_Lornoxicam_Transdermal_patches_using_various_Permeation_Enhancers/link/5e3519c4299bf1cdb902812e/download
19. Aamir Malik, **Rakhi Mishra**, **Rupa Mazumder**, “ A comprehensive study on synthesis and biological activities of Pyridazine derivatives”, *Research Journal of Pharmacy and Technology*, 14(6)2020 **SCOPUS**
20. **Mazumder Rupa**, Das Paul Swarnali, "Formulation and Evaluation of Atenolol Nanocrystals using 3(2) Full Factorial Design", *Nanoscience & Nanotechnology-Asia*, 10(3), 306 – 315, 2020. (**Scopus**) (DOI: 10.2174/2210681209666190220120053\
21. P Ayash Kumar, **Sanjita Das**, Sradhanjali Mohapatra, Saumya Priya Basu, Kalicharan, **Monika Sharma**, Aniruddh Pratap Singh, “Molecular modeling, synthesis, and evaluation of 1-(4-methoxybenofurane-5-yl)-3-phenylpropane-1,3-dione for its anxiolytic potentiality”, *Journal of applied Pharmaceutical Science*, 2020 10(8),1-11, 2020, DOI:10.7324/JAPS.2020.10816 **Scopus**
22. **Saumya Das**, Manas Kumar Das, Rajashree Das, Shweta Mahant, Papiya Mitra Mazumder, **Sanjita Das**, Neha Falls, Vikas Kumar, “ Isolation, Characterization of Berberine from *Berberis aristata* DC for eradication of resistant *Helicobacter pylori*”, *Biocatalysis and Agriculture Biotectnology*, 26, 2020, (**Scopus**).
<https://doi.org/10.1016/j.bcab.2020.101622>
23. Rohitash Rathour, **Avijit Mazumder**, **Sanjita Das**, Suniti Chand, Anamika Sharma, Ankit Sharma, Lalit Kumar, “Review on *Syzygium cumini* Linn: A promising ethnopharmacological plant”, *International Journal of Pharmaceutical Research*,

13(2), 166-175 2020,
<https://doi.org/10.31838/ijpr/2021.13.02.009>

24. Suniti Chand, **Avijit Mazumder, Saumya Das**, Anamika Sharma, Ankit Sharma, Lalit kumar, Rohitash Rathor, “Herbal Approach and Its Molecular Hypothesis for the Management of Convulsant Induced Depression as Comorbidity: A Critical Review”, International Journal of Pharmaceutical Research, 13(2), 216-223, 2020
<https://doi.org/10.31838/ijpr/2021.13.02.049>
25. Sharma Anamika, **Das Saumya, Mazumder Avijit**, Shama Ankit, Chand Suniti, “Ethanopharmacological survey of Rohodedendron arboretum used by the himalayan Ethnic community in Uttarakhand, India,” International Journal of Pharmaceutical Research, 13(2), 110-118, 2020,
<https://doi.org/10.31838/ijpr/2021.13.02.025>
26. **Sangita Kumari, A. Mazumder, S. Bhattacharya**, “Phytochemical Screening and Evaluation of Anti-Dial Potentiality of Plumeria Alba Linn. Leaves”, International Journal of Pharmaceutical Sciences and Research”, 11(9), 4458-4462, 2020, **Peer Reviewed**, DOI: 10.13040/IJPSR.0975-8232.11(9).4458-62
27. Komal Jain and **Majee Chandana**, “Role of Terpenoids as Hepatoprotective”, International Journal of Pharmaceutical Sciences, 11(10), 4846-4858,2020 **Peer Reviewed**. DOI: 10.13040/IJPSR.0975-8232.11(10).4846-58
28. Vikas Sharma, Akhalesh Kumar, Kartik Singhal, **Chandana Majee, Salahuddin**, “Advancement in treating Cardiac Diseases using Cardiac Device” International Journal of Pharmtech Research, 13(3), 217-222,2020, **Peer Reviewed**, DOI: <http://dx.doi.org/10.20902/IJPTR.2019.130312>
29. Vikas Sharma, **Chandana Majee**, Rahul Kaushik, Sunita Kumari, Rajni Sawanny, Shivali Bhardwaj, Baitullah Abdali, “ Corona Virus Outbreak and its Impoact on Global Pharmaceutical Industries”, Journal of Applied Pharmaceutical Sciences and Research, 3(3),10-14, 2020 **Peer Reviewed** DOI <https://doi.org/10.31069/japsr.v3i3.3>
30. Devleena Tiglani, **Salahuddin, Avijit Mazumder, Rajnish Kumar**, Prashant Kumar Sharma, Kirti Pateriya, “A Comprehensive Review on Epilepsy”, International Journal ofRecent Research In Pharmacy”, 1(2B), 1-6, 2020,
31. Anshul Kumar, **Rajnish Kumar**, Sweety Saini, “Novel Synthesis and Pharmaceutical Impurities of Anti-Hypertensive Drugs: A Review, International Journal of ChemTech Research, 13 (2), 18-28, 2020. **Peer Reviewed**

[http://www.sphinxesai.com/2020/ch_vol13_no2/1/\(18-28\)V13N2CT.pdf](http://www.sphinxesai.com/2020/ch_vol13_no2/1/(18-28)V13N2CT.pdf)

32. **Sanjita Das, Saumya Das**, Manas Kumar Das, “Arbortristoside:-A promising bioactive moiety from *nycanthes arbortristis* Linn. Against Hemorrhoid”, International Journal of Pharmaceutical Sciences Research, 11(11), 1000-06, 2020, ESCI, **Peer Reviewed** DOI:10.13040/IJPSR.0975-8232.11(11).1000-06
DOI:<https://www.tandfonline.com/doi/full/10.1080/17474124.2020.1797485>
33. Vikas Sharma, Sagar Joshi, **Chandana Majee**, “Receptor Binding Domain and accessible Treatments for Corona Virus: A Review”, International Journal of Pharmaceutical Research, p.g. 2708-2713, 2020, **Peer Reviewed** DOI: <https://doi.org/10.31838/ijpr/2020.SP1.359>
34. Dhaka Monika, **Mazumder Rupa**, Haque Md Rafiul, “Preparation and Assessment of Ocular Inserts Containing Sulbactam for Controlled Drug Delivery”, Journal of Drug Delivery & Therapeutics, 10(1-s), 66-71, 2020. (Online ISSN: 2250-1177) (Peer Reviewed)https://www.researchgate.net/publication/339410476_Preparation_and_assesment_of_ocular_inserts_containing_sulbactam_for_controlled_drug_delivery
35. **Sanjita Das** and Naveen Kumar “Microsphere: A Unique and Useful Drug Delivery Sytem”, Journal of Gastroenterology & Digestive Systems, 4(1), 16-18, 2020. Peer Reviewed <https://www.opastonline.com/current-issue-jgds/>
36. **Sanjita Das**, Khushboo Kohli, “Implementation of Radiology in Pharmaceutical Research”, International Journal of Pharmacy and Pharmaceutical Research, 18(2), 427- 438, 2020 <https://ijppr.humanjournals.com/2020/05/> Peer Reviewed

B. National Journal

1. Gupta Priya, **Mazumder Rupa, Padhi Swarupanjali**, “Glycosomes: Advanced Liposomal Drug Delivery System”, Indian Journal of Pharmaceutical Sciences (Indian J Pharm Sci), **SCI** 82(3), 385 - 397, 2020. DOI: 10.36468/pharmaceutical-sciences.661
2. Neeru Rani, **Salahuddin, Avijit Mazumder, Rajnish kumar**, Rakesh Sahu, MohammedJawed Ahsan, Mohammed Sarafroz, Shadab Ahmad Siddiqui, Mohammed Shahar Yar, “Synthesis, Antimicrobial and Molecular Docking of 1,3 thiazolidin -4-one Analoguesbearing Benzothiazole”, Indian Journal of Heterocyclic Chemistry, 30(2), 325-335,2020(**SCI**)
http://www.connectjournals.com/toc.php?bookmark=CJ-001644&&%20volume=30&&%20issue_id=02&&%20issue_month=Apr-Jun&&year=2020
3. Gupta Priya, **Mazumder Rupa, Padhi Swarupanjali**, “Development of Natamycin Loaded Glycosomes-A Novel Approach to defend Keratitis”, Indian Journal of Pharmaceutical Education and Research, 54(2), 669-668, 2020, <https://www.ijper.org/article/1166> **SCI**

C. International Conference

1. Manorma, Ravi Sharma, **Rupa Mazumder, Swarupanjali Padhi**, Pratibha Pandey, Fahad Khan, “Software Based In Silico Screening of Natural Compound Active Against Immune Checkpoint Related to Various Type of Cancer”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
2. Lalit Kumar, **Avijit Mazumder, Sanjita Das**, Suniti Chand, “Himalayan raspberries: Potential translational drug of Himalayas”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
3. Bharadwaj Prastitha, **Avijit Mazumder, Saumya Das**, Nashra, “Study of Anxiolytic Potential of Ethanolic Extract Of Seeds Of Areca Catechu In Swiss Albino Mice” 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
4. Garima Singh, **Saumya Das, Avijit Mazumder**, Pragya, “ Comparative Study of Leaves And Bark of Neolamarckia Cadamba For Its Antifungal Activity”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
5. Komal Bhati, **Saumya Das, Avijit Mazumder**, “ Invivo Hepatoprotective Potential Stem Bark of Neolamacika Cadamba In Experimental Animal Models”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
6. **Saumya Das, Avijit Mazumder**, Himanshu Singh, Sushma Gupta, “ In Vitro Free Scavenging Potentiality of Caesalpinia Pulcherrima”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
7. Naveen Kumar, **Sanjita Das**, “Impact of Pharmaceutical Pollution on the conservation of Medicinal Plants and its Prevention” ”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
8. **Saumya Das, Avijit Mazumder**, Shruti Dhasmana, Himanshu Singh, “Relevance of Traditional Knowledge Systems for Ethnopharmacological Research- Challenges in

Regulating Quality Safety and Efficacy”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020

9. Nashra, Mazumder Avijit, Das Saumya, Bharadwaj Pratishttha, “ Screening of Antidepressant Effect of Ethanolic Extract Of Areca Catechu In Swiss Albino Mice”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
10. Anamika Gautam, **Saumya Das, Avijit Mazumder**, Anamika, “Current Need for Complementary and Alternative Nutraceuticals for Lifestyle Issues”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
11. Shumaila Khan, Renu Mishra, Alchendra Singh, Sahil Husain Siddiqui, Jagmohan Singh, “Clinical evaluation and IPR”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
12. Ravi Sharma, Manorma, **Rupa Mazumder, Swarupanjali Padhi**, Pratibha Pandey, Fahad Khan, “ Software based in silico screening of natural compounds active against immune check points related to various types of cancer”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
13. Aamir Malik, **Rakhi Mishra, Rupa Mazumder**, “ Herbal remedies for obesity: A current scenario”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
14. Anamika Sharma, Avijit Mazumder, Saumya Das, Ankit Sharma, “Rhododendron arboreum as a potent wound healer”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.
15. Ankit Sharma, **Avijit Mazumder, Saumya Das**, Anamika Sharma, “ Potential Cardio Protective Benefits of Rhododendron arboreum”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020

16. Rohitash Rathour, **Avijit Mazumder, Sanjita Das**, “ Syzygium Cumini: A promising Medicinal Plant”, 7th International Congress of Ethnopharmacology, Ethnopharmacology in Development of Scientifically Validated Quality Products from Medicinal Plants and Regulatory Aspects, Jamia Hamdard, New Delhi, 15-17 February 2020.