

**NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY
(PHARMACY INSTITUTE)**

GREATER NOIDA

List of Publications

2025

SCI	SCOPUS	PEER REVIEWED	TOTAL NO. OF PUBLICATIONS
50	30	-	80

1. Ahsan Md. Faiyaz, Ahsan Mohamed Jawed , Yusuf Mohammad , Ali Amena, Salahuddin, Ali Abuzer, **“Preclinical Exploration of Newer Curcumin Analog (NSC 793122) as Potential Antiproliferative Agent”**, *Revista Brasileira de Farmacognosia* , 35; 836–847,2025 (SCI) [DOI: <https://doi.org/10.1007/s43450-025-00672-6>]
2. Ahsan Md Faiyaz, Yusuf Mohammad, Khan Saniya, Ali Amena, Salahuddin, Ali Abuzer & Ahsan Mohamed Jawed, **“An Efficient Synthesis in Water of Novel Oxoquinolines and Their Anticancer Activities”**, *Organic Preparations and Procedures International*, 2025, (SCI) [DOI: <https://doi.org/10.1080/00304948.2025.2525338>]
3. Ahsan Md. Faiyaz, Mohamed Jawed Yusuf Mohammad, Tasqeeruddin S., Asiri Yahya I., , Ali Amena, Salahuddin **“Targeting EGFR by newer 4,6-Bis((E)-4-hydroxy-3-methoxystyryl)-1-(aryl)pyrimidin-2(1H)-one analogues as antiproliferative agents: eco-friendly chemical modification, *in-vitro* and *in-silico* studies”**, *Journal of Taibah University for Science*, 2025, (SCI) [DOI: <https://doi.org/10.1080/16583655.2025.2544430>]
4. Ahsan Mohamed Jawed, Kumar Vivek, ali Abuzer, Yusuf Mohammad, Ahmad Iqar, Patel Harun, Salahuddin, Ahsan Md. Faiyaz , **“Design and synthesis of newer 5-aryl-N- (naphthalen-2-yl)-1,3,4-oxadiazol-2-amine analogues as anticancer agents”**, *Future Medicinal Chemistry*, Volume 17, 2025, (SCI) [DOI: <https://doi.org/10.1080/17568919.2025.2504335>]
5. Arya Mansee, Bansal Priyanka, Pentela Bhavani, Mazumder Avijit, **“A Review on Herbal Therapeutics in Nephroprotection: Exploring Herbal Agents, Bioactive**

- Compounds, Formulations, Mechanisms of Action, and Comparison with Conventional Treatments”, Journal of Natural Remedies, 25(6) 2025 (SCOPUS) [DOI: 10.18311/jnr/2025/49108]**
6. Arya Mansee, Bansal Priyanka, Pentela Bhavani, Mazumder Avijit, “Impact of Environmental Toxins on Kidney Health: A Comprehensive Review”, Recent reviews on clinical trials, 2025 (SCOPUS) [DOI: ACCEPTED]
 7. Ashish Maurya, Mishra Rakhi, Mazumder Rupa, Rani Anjna, "Phytochemicals Potential to treat lung cancer: A Review", Allelopathy Journal, 66(1), 9th issue 2025 (SCOPUS) [DOI: <https://www.allelopathyjournal.com/10.26651/2025-66-1-1548>]
 8. Bansal Priyanka, Kajal, Sharma Sumit, Mazumder Avijit, “Role of BMP-7 in Cardiovascular Diseases: From Molecular Mechanisms to Therapeutic Horizons”, Current Drug Targets, 1-10, 2025. (SCI) [DOI: <http://dx.doi.org/10.2174/0113894501421956251014101956>]
 9. Barua Rohit, Mazumder Rupa, Mishra Rakhi, Rani Anjna, Mishra Rashmi, Kumar Rajesh, “Fabrication of Microneedle Patches of Indomethacin Using 3DP Technology”, Indian Journal of Pharmaceutical Education and Research (IJPER), 2025. (SCI) [DOI:]
 10. Bhati A, Mazumder A, Bansal P, Salahhudin, “Molecular Pathways Involved in Drug-Induced Hepatotoxicity: A Mini Review”, Current Drug Metabolism, 2025 (SCI) [DOI: ACCEPTED]
 11. Bhati Annu, Mazumder Avijit, Bansal Priyanka, Rani Anjna, “Nano-Formulations of Herbal Agents to Ameliorate the Chemical-induced Hepatotoxicity: A Comprehensive Review”, Drug Delivery Letters, 2025, (SCOPUS) [DOI: 10.2174/0122103031401073250711115623]
 12. Bhati Annu, Mazumder Avijit, Bansal Priyanka, Salahuddin “Medicinal Plant Extracts and Herbal Formulations to control hepatotoxicity: A Review”, Allelopathy Journal, 2025. (SCOPUS) [DOI: <https://doi.org/10.26651/allelo.j/2025-65-1-1533>]
 13. Bhati Divya, Mazumder Rupa*, Rani Anjna, Mishra Rakhi, “Advanced Nanocarriers for Ocular Drug Delivery: Strategies to Overcome Ocular Barriers”, International Journal of Applied Pharmaceutics (IJAP), 17(6), Nov 2025. (Accepted) [ISSN: 0975–7058; Publisher: Innovare Academic Sciences Pvt. Ltd. India; (SCOPUS) [DOI:]

14. Chaitanya MVNL, Patle D, Kumar Singh S, **Mazumder A**, Kumar Sindhu R, Dua K, Khurana N, Arora P.,“**Salidroside and inflammation-linked disorders: integrative insights into the pharmacological effects and mechanistic targets**”, **Inflammopharmacology**, 2025 (SCI) [DOI: 10.1007/s10787-025-01964-y]
15. Chand Suniti, **Das Saumya**, **Mazumder Avijit**, **Padhi Swarupanjali**, **Majee Chandana**, Pandey Ananya, Das Manas Kumar, "**Amelioration of convulsion-induced depression comorbidity by Rubus ellipticus whole plant extract in experimental models**", **Indian Journal of Pharmacology (IJP)** 57(1),48-51, 2025. (SCI) [DOI: https://doi.org/10.4103/ijp.ijp_215_23]
16. Chatterjee Vidya, **Mazumder Rupa**, Verma Sushma, **Mishra Rakhi**, “**Compatibility study of natural coumarin with gabapentin**”, 123-132, 2025 **Allelopathy Journal**, (SCOPUS) [DOI: [org/10.26651/allele.j/2025-66-1-1550](https://doi.org/10.26651/allele.j/2025-66-1-1550)]
17. Chauhan Sonia, Harwansh Ranjit K, **Mazumder Rupa**, “**Development of Colon Targeted Naringin-Loaded Microbeads in Acetic Acid-Induced Colitis Model in Rats for the Management of Inflammatory Bowel Disease**”, **Journal of Pharmaceutical Innovation**, 20(36):1-18, 2025, (SCI) [DOI: <http://dx.doi.org/10.1007/s12247-025-09947-w>]
18. Debnath Abhijit, **Mazumder Rupa**, Singh Anil Kumar, Singh Rajesh Kumar, “**Identification of novel cyclin-dependent kinase 4/6 inhibitors from marine natural products**”, **Plos One**. 2025 Jan 15;20(1):e0313830 (SCI) [Doi: <https://doi.org/10.1371/journal.pone.0313830>]
19. Divya, **Mazumder Rupa**, Rani Anjna, **Mishra Rakhi**, “**Natural Bioactives in the Management of Glaucoma – A Recent Update**”. **Journal of Natural Remedies**. 2025 (SCOPUS). (Accepted)
20. Dogra Anchit, **Mazumder Avijit**, **Das Saumya**, **Pandey Pratibha**, **Chaitanya Motaharri Venkata Naga Lalitha**, “**Therapeutic Evaluation of Camel Milk- Derived Lactoferrin for in-Vivo Anti-Arthritic Efficacy**”, **Indian Journal of Pharmaceutical Education and Research**, Vol 59, Issue 2, 2024. (SCI) [DOI: <http://dx.doi.org/10.5530/ijper.20254695>]
21. Dogra Anmol, Yadav Ranjeet Kumar, Singh Himanshu , Datt Vimal, “**Emerging frontiers in adoptive cell therapies: innovations, challenges, and future perspectives**,

- Medical Oncology** , (2025) 42:261 (SCI) [DOI:<https://doi.org/10.1007/s12032-025-02808-z>]
22. Gaur Adarsh, Mazumder Avijit, Das Saumya, “Exploring the Bioactive and Herbal approaches of *Saussurea lappa*: A Precious Phytoherb from the Himalayas”, **Journal of Natural Remedies**, 2025 (SCOPUS) [DOI: 10.18311/jnr/2025/45027]
23. Gupta Disha, Monika, Das Saumya, Mazumder Avijit “Therapeutic potential of medicinal plants to treat in ulcerative colitis: review”, **Allelopathy Journal**, 73-84, 2025. (SCOPUS) [DOI: <http://dx.doi.org/10.26651/allelo.j/2024-64-1-1519>]
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25. Jain Ayush, Majee Chandana, Mazumder Rupa, Mazumder Avijit, Padhi Sawrupanjali, Kumar Arvind, Kapoor Bhupinder, “Progress in Synthetic Approaches and Pharmacological Applications of Melatonin and Its Derivatives: A Comprehensive Review”, **Current Topics in Medicinal Chemistry**, 25(18); 2025, (SCI) [DOI: <https://doi.org/10.2174/0115680266331681250130072302>]
26. Jan Sk Ashif, Debnath Abhijit, Singh Rajesh Kumar, Tyagi Pankaj Kumar, Singh Sachin, Singh Anil Kumar, “Targeting Undruggable Proteins: The siRNA Revolution Beyond SmallMolecules - Advances, Challenges, and Future Prospects in TherapeuticInnovation”, **Current Gene Therapy**; Vol 25, 2025, e15665232357160 (SCI) [DOI: 10.2174/0115665232357160250123113148]
27. Kaushal Keshav , Kapoor Devesh U. , Kumar Sanjesh , Sony Anakha , Viswanath Aswin , Chaitanya M. V. N. L. , Singh Mansi , Singh Sachin Kumar, Mazumder Avijit , “Natural sesquiterpene lactones in prostate cancer therapy: mechanisms and sources”, **Medical Oncology**. (2025) 42:212 (SCI) [DOI: <https://doi.org/10.1007/s12032-025-02740-2>]
28. Komal, Mishra Rakhi, Varshney Shruti, Mazumder Rupa, Mazumder Avijit, Rani Anjna, Maurya Ashish "An insight on Anti-cancer potential of N-heterocyclic Compounds targeting the Breast Cancer", **Current organic chemistry**, (SCI) [DOI:]

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30. Kurup Rishi R, Mishra Rakhi, Mazumder Rupa, Mazumder Avijit, Singh Gurvinder, Mishra Rashmi, "Synthetic Strategies and Pharmacological Significance of Pyridine Thiadiazole Derivatives: A Contemporary Overview", **Letters in Organic Chemistry**, 2024; 22(5):348 - 371. (SCI) [DOI: <http://dx.doi.org/10.2174/0115701786324821241113054029>]
31. Kushwah Manish, Mazumder Avijit, Shakya Richa, Tyagi Pankaj, Chaitanya Motaharri Venkata Naga Lalitha, "Amelioration of Diabetic Nephropathy in Streptozotocin-induced Diabetic Rats by Jasminum auriculatum Vahl. Leaves Extracts", **Indian Journal of Pharmaceutical Education and Research**, 2025, Vol 59, Issue 2, 2025. (SCI) [DOI: 10.5530/ijper.20254714]
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36. Mazumder Rupa, Debnath Abhijit, Mazumder Avijit, Tyagi Pankaj Kumar, Singh Rajesh, "Challenges And Progress Of Orphan Drug Development For Rare Diseases", **Current Pharmaceutical Biotechnology**, ISSN: 1873-4316, 2025, (SCI) [DOI: <https://doi.org/10.2174/0113892010371761250616112614>]

37. **Mishra Rakhi, Mazumder Rupa, Mazumder Avijit, Rani Anjna, Mishra Prem Shankar***, “**An Insight on Phytochemical Constitution and Related Biological Actions of Psidium Guajava**”, **Allelopathy Journal**, 2025. (SCOPUS) (Accepted)
38. **Mishra Soumya, Harwansh Ranjit K., Mazumder Rupa**, “**Study of lycopene and allopurinol blended transfersomes for the treatment of gout**”, **Allelopathy Journal**, 66 (2): 247-256, 2025. (SCOPUS) [DOI: <https://doi.org/10.26651/allelo.j/2025-66-2-1559>]
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41. **Nath Dipankar, Debnath Abhijit, sarma MALita, Singh Kumar Rajesh, Chetia Dipak**, “**Unlocking the antimalarial potential of novel steroid-tetraoxane hybrids through consensus molecular docking and molecular dynamics investigation**”, **Scientific reports**, 30389 (2025) (SCI) [DOI: <https://doi.org/10.1038/s41598-025-13017-z>]
42. **Negi Kanika, Bansal Priyanka, Pentela Bhavani, Mazumder Avijit** “**Exploring Immune-Genomic and Biomarker Insights in Psoriasis: Pathology of Disease and Treatment Advances**”, **Current Signal Transduction Therapy**, 2025 (SCOPUS) [DOI: ACCEPTED]
43. **Nishad Mukul, Verma Sushma, Kumar Arvind, Khurana Navneet**, “**Formulation and evaluation of apigenin-loaded microsphere gel for effective angioedema therapy**”, **Current Pharmaceutical Analysis**, Volume21, Issue 4, 2025, Pages 203-215 , (SCI) [DOI: <https://doi.org/10.1016/j.cpan.2025.03.001>]
44. **Niwas Hari, Bansal Priyanka, Pentela Bhavani, Mazumder Avijit**, “**The Spectrum of Allergic Rhinitis: Risk Factors and Their Clinical Relevance**”, **Recent Advances in Inflammation & Allergy Drug Discovery**, 2025, (SCOPUS) [Accepted]
45. **Niwas Hari, Bansal Priyanka, Pentela Bhavani, Mazumder Avijit**, “**Exploring Buchanania lanzan: A Comprehensive Review of Phytoconstituents, Medicinal Properties, and Nanoformulations**”, **Current Nanomedicine**, 2025 , (SCOPUS) [DOI: ACCEPTED]

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53. **Sharma Abhishek Shankar**, **Salahuddin**, **Rana Kavita**, **Debnath Abhijit**, **Mazumder Avijit**, **Kumar Rajnish**, Ahsan Mohamed Jawed, Yar Mohammad Shahar, Tyagi Pankaj Kumar, Singh Saurabh, “**Synthesis, anticonvulsant potential, and molecular docking studies of Schiff bases bearing 2',6-dichloro-2,3'-biquinoline**”, *Indian Journal of Heterocyclic Chemistry*, Vol. 35 - Number 01 (Jan-Mar 2025) 119-127. (SCI) [DOI: <https://doi.org/10.59467/IJHC.2025.35.119>]

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58. Shrishti Tripathi , Rajnish Kumar, Abhijit Debnath , Himanshu Singh , Ranjeet Kumar Yadav , Salahuddin, “**Design, synthesis, docking, DFT, and MD simulation studies of new piperazine, 1,3,4-oxadiazole, and quinoline conjugates: A search for potent antiepileptic agents**”, *Volume 162*, 15 July 2025, 108595, *Bioorganic Chemistry*, (SCI) [DOI: <https://doi.org/10.1016/j.bioorg.2025.108595>]
59. Shrivastava Shivani, Das Saumya, Sharma Chanchal, Singh Archana, Das Sanjita, Das Manas Kumar, Pankaj Kumar Tyagi, Navneet Khurana, “**A novel nano-emulsion cream of casein isolated from raw milk for thermal and acid burn wounds**”, *Brazilian Journal of Pharmaceutical Sciences*, 2025 (SCI) [DOI: <http://dx.doi.org/10.1590/s2175-97902025e24233>]
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64. Singh Abhay Kumar, Mazumder* Rupa, Dogra Anmol, “Development of Novel Approaches for the Treatment of Cutaneous Candidiasis”, *Current Pharmaceutical Design*, 2025. 381-6128 / 1873-4286; (SCI) [Accepted]
65. Singh Archna, Kanda Anmol, Kanda Jyoti, “Recent Approaches on Oncolytic Viruses, Aptamers, TTFIELDS and Personalized Treatment used for the Management of Glioblastoma: A Comprehensive Review” *Anti-Cancer Agents in Medicinal Chemistry*, 2025. (SCI) [DOI: 10.2174/0118715206364677250401190214]
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