

NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY

(PHARMACY INSTITUTE)

GREATER NOIDA

List of Publications

2024

SCI	SCOPUS	PEER REVIEWED	TOTAL NO. OF PUBLICATIONS
72	59	6	137

1. Ahsan MF, Yusuf M, Ansari MY, Sahoo GC, **Salahuddin**, Ganta NM, Ahsan MJ, “An Efficient Synthesis of Curcumin Pyrazole Analogues and their Biological Activities”. Organic Preparations and Procedures International, 2024. **(SCI)** [DOI: <http://dx.doi.org/10.1080/00304948.2024.2320503>]
2. Ahsan MJ, Khandelwal K, Ali A, Ali A, Geesi MH, Riadi Y, Aldakhil T, Ahsan MF, Tahir A, Azam F, **Salahuddin**, “Solvent-free synthesis, anticancer activity and in-silico studies of 7-hydroxy-4-methylquinolin-2 (1H)-one analogues”. Journal of Molecular Structure, 2024. **(SCI)** [DOI: <https://doi.org/10.1016/j.molstruc.2024.138654>]
3. Bhadouria Vikas Singh, **Verma Sushma**, Agarwal Chaaya, and Sharma Deep Shikha, “From Patents to Progress: Unravelling Gout’s Journey through Clinical Trials and Advancements”. Reviews on Recent Clinical Trials, 2024. **(SCOPUS)** [DOI: 10.2174/0115748871308473240926044126]
4. Bhadouria Vikas Singh, **Verma Sushma**, Mishra Rashmi, Kapoor Bhupinder, “Beyond Creams and Gels: The Emergence of Emulgels in Pharmaceutical Science”. Current Drug Therapy, 2024. **(SCOPUS)** [DOI: <http://dx.doi.org/10.2174/0115748855320930240920040523>]
5. Chauhan Anurag, **Salahuddin**, **Mazumder Avijit**, **Kumar Rajnish**, Ahsan Mohamed Jawed, Yar Mohammad Shahar, Maqsood Ramish, Kumar Singh, “Targeted Development of Pyrazoline Derivatives for Neurological Disorders: A Review”. Chemistry Select, 2024; 9(16):1-15. **(SCI)** [DOI: <http://dx.doi.org/10.1002/slct.202400738>]
6. Chauhan Anurag, **Salahuddin**, **Mazumder Avijit**, **Kumar Rajnish**, Ahsan Mohamed Jawed, Yar Mohammad Shahar, Kumar Arvind, Kapoor Bhupinder, "Innovative Synthesis of 3, 5-Disubstituted Pyrazoline with Heterocyclic System

- for Hybrid Development". Letters in Organic Chemistry, 2024. (SCI) [DOI: <https://doi.org/10.2174/0115701786329318240925115206>]
7. Chauhan Mansi, **Mazumder Rupa, Rani Anjna**, Kumar Arvind, Chaitanya MVNL, "Targeted Therapy for Atopic Dermatitis: A Novel Approach", Current Drug Therapy, 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115748855307501240607045747>]
 8. **Chauhan Sonia**, Harwansh Ranjit K, "Recent advances in nanocarrier systems for ulcerative colitis: a new era of targeted therapy and biomarker integration." Journal of Drug Delivery Science and Technology, 2024. (SCI) [DOI: <https://doi.org/10.1016/j.jddst.2024.105466>]
 9. Das Sanjita, **Das Saumya**, Pal Sakshi, "Anti-Asthmatic and Immunomodulatory Effect of Actinidia deliciosa Fruit on Swiss Albino Mice", Indian Journal of Pharmaceutical Education and Research, 2024; 58(1):162-171. (SCI) [WebLink: <https://www.ijper.org/sites/default/files/IndJPhaEdRes-58-1-162.pdf>]
 10. **Das Saumya, Mazumder Avijit**, Atri Ayush, **Mazumder Rupa**, Khan Fahad, Singh Sachin Kumar, "Platelet count enhancing and hepatoprotective activity of acetogenin isolated from the stem bark of Miliusa velutina (DC.) Hook.f. & Thomson". Indian Journal of Experimental Biology. 2024; 62(6):416-422. (SCI) [DOI: <https://doi.org/10.56042/ijeb.v62i06.3542>]
 11. **Das Saumya, Mazumder Avijit**, Ojha Smriti, **Pathak Deepika**, Singh Himanshu, Pandey Pratibha, Pal Rashmi Saxena, "Anti Urolithiasis and Diuretic Potentiality of Hemidesmus indicus R. Br.". Current Bioactive Compounds, 2024; 20(10):1-9. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115734072286989240124112311>]
 12. **Debnath Abhijit**, Chaudhary Hema, Sharma Parul, Singh Rajesh, Srivastava Shikha, "A Deep Dive into PDE5 Inhibition: Innovative Discoveries via Virtual Screening". Letters in Drug Design and Discovery, 2024; 21(16):3425-3442. (SCI) [DOI: <https://doi.org/10.2174/0115701808279586231221043744>]
 13. **Debnath Abhijit, Mazumder Rupa**, "Clinical Progress of Targeted Therapy for Breast Cancer: A Comprehensive Review". Current Cancer Drug Targets, 2024. (SCI) [DOI: <https://doi.org/10.2174/0115680096289260240311062343>]
 14. **Debnath Abhijit, Mazumder Rupa**, "Identification of Novel CDK 4/6 Inhibitors by High-throughput Virtual Screening", Letters in Drug Design & Discovery, 2024; 21(5):3229-3246. (SCI) [DOI: <http://dx.doi.org/10.2174/0115701808273043231130100833>]

15. **Debnath Abhijit, Mazumder Rupa, Mazumder Avijit, Tripathi Soumya**, Dua Arpita, Singh Rajesh, Mangal Saloni, Sanchitra J., Pandey P., Pal B., Chaudhary Hema, Sharma P., Srivastava Shikha, “miRNA Targeted Vaccine: A Promising Approach for Viral Attenuation and Immunogenicity Enhancement”. *Current Gene Therapy*, 2024. (SCI) [DOI: <http://dx.doi.org/10.2174/0115665232305431240726113347>]
16. **Debnath Abhijit, Mazumder Rupa**, Singh R. K., Singh A. K., “Discovery of Novel CDK4/6 Inhibitors from Fungal Secondary Metabolites”. *International Journal of Biological Macromolecules* 2024. (SCI) [DOI: <https://doi.org/10.1016/j.ijbiomac.2024.136807>].
17. **Debnath Abhijit, Rani Anjna, Mazumder Rupa, Mazumder Avijit**, Singh Rajesh Kumar, Sharma Shalini, Srivastava Shikha, Chaudhary Hema, Mishra Rashmi, Khurana Navmeet, Sanchitra Jahanvi, Jan S., Ashif, “Discovery of Novel PTP1B Inhibitors by High-Throughput Virtual Screening”. *Current Computer Aided Drug Design*. 2024. (SCI) [DOI: <https://doi.org/10.2174/0115734099278007241004105500>]
18. Dua Arpita, **Debnath Abhijit**, Kumar Kunal, **Mazumder Rupa, Mazumder Avijit**, Singh Rajesh, Mangal Saloni, Khan Fahad, Tripathi Soumya, Vishas Sukriti, Chaudhary Hema, Sharma Parul, Srivastava Shikha, “Advancements of Transdermal Glucose Monitoring biosensor: Current State, Generations of Technological Progress, and Innovation Dynamics”. *Current Pharmaceutical Biotechnology*, 2024. (SCI) [DOI: <http://dx.doi.org/10.2174/0113892010305386240625072535>]
19. Faizan Md, **Kumar Rajnish, Mazumder Avijit, Salahuddin**, Tyagi Pankaj Kumar, Kapoor Bhupinder, “Synthesis of Pyridines/Dihydropyridines via Hantzsch Reaction, Structure-activity Relationship and Interactions with Targets: A Review. *Current Organic Chemistry*, 2024. (SCI) [DOI: <http://dx.doi.org/10.2174/0113852728331961240918115757>]
20. Faizan Md, **Kumar Rajnish, Mazumder Avijit, Salahuddin**, Kukreti Neelima, Kumar Arvind, Chaitanya M. V. N. L., “Synthetic Protocols, Structural Activity Relationship, and Biological Activity of Piperazine and its Derivatives”. *Medicinal Chemistry*, 2024; 20(8):753–780. (SCI) [DOI: <https://doi.org/10.2174/0115734064304396240415110015>]
21. Faizan Md, **Kumar Rajnish, Mazumder Avijit, Salahuddin**, Kukreti Neelima, Tyagi Pankaj Kumar, Kapoor B., “Hantzsch reaction: The important key for

- pyridine/dihydropyridine synthesis". *Synthetic Communications*, 224; 54(15):1221–1244. (SCI) [DOI: <https://doi.org/10.1080/00397911.2024.2377738>]
22. Faizan, Md, **Kumar Rajnish, Mazumder Avijit, Salahuddin**, Kukreti Neelima, Kumar Arvind, Chaitanya M. V. N. L., "The medicinal chemistry of piperazines: A review". *Chemical Biology & Drug Design*, 2024. (SCI) [DOI: <http://dx.doi.org/10.1111/cbdd.14537>]
 23. Gangwar Mohit, **Kumar Rajnish, Yadav Ranjeet Kumar, Mazumder Avijit, Salahuddin**, Kukreti Neelima, Tyagi Pankaj Kumar, Kapoor Bhupinder, "Recently Adopted Synthetic Protocols for Piperazines: A Review". *Letters in organic chemistry*, 2024; 22(2):92 – 101. (SCI) [DOI: <http://dx.doi.org/10.2174/0115701786315719240712070219>]
 24. Goel Radha, Kumar Nitin, Mishra Rosaline, Kumar Gaurav, **Singh Neelam**, Bhardwaj Snigdha, Puri Dinesh, "Potential protective effects of *Acacia nilotica* (L.) against gentamicin - induced nephrotoxicity by suppressing renal redox imbalance, inflammatory stress and caspase-dependent apoptosis in Wistar rats". *Drug and chemical toxicology*, 2024; 19:1–9. (SCI) [DOI: <https://doi.org/10.1080/01480545.2024.2388324>]
 25. Goel Tanvi Rajiv, **Salahuddin, Rana Kavita, Mazumder Avijit, Kumar Rajnish**, Ahsan Mohamed Jawed, Sarafroz Mohammad, Tyagi Pankaj, Singh Saurabh, "Recent Innovations in Synthetic Methodologies and Patent Landscape of Quinoline Analogues: A Comprehensive Review". *Current Organic Chemistry*, 2024. (SCI) [DOI: [10.2174/0113852728311152240529082035](https://doi.org/10.2174/0113852728311152240529082035)]
 26. Goel Tanvi Rajiv, **Salahuddin, Rana Kavita, Mazumder Avijit, Kumar Rajnish**, Ahsan Mohamed Jawed, Yar Mohammad Shahr, Tyagi Pankaj Kumar, Singh Saurabh, "A review on innovative approaches in quinoline/isoquinoline synthesis: Unveiling the Pummerer reaction strategy". *Synthetic Communications*, 2024; 1-26. (SCI) [DOI: <https://doi.org/10.1080/00397911.2024.2411718>]
 27. Gupta Jyoti, **Rani Anjna**, Kumar Arvind, Kumar Bimlesh "Potential of natural bioactive compounds in management of melasma". *Plant Science Today*, 2024; 11(sp1):44-50. (SCOPUS) [DOI: <https://doi.org/10.14719/pst.3164>]
 28. Gupta Jyoti, **Rani Anjna**, Tyagi Pankaj Kumar, Babu Malakapogu Ravindra, "Novel Therapeutic Approaches for Treatment of Melasma". *African Journal of Biological Sciences*, 2024; 6(si2):6158-6180. (PEER REVIEWED) [DOI: <https://www.afjbs.com/uploads/paper/cdfc138b8ea42ae981e775e89b294ede.pdf>]

29. Harwansh Ranjit K, **Chauhan Sonia**, Deshmukh Rohitas, **Mazumder Rupa**, “Recent Insight into Herbal Bioactives-Based Novel Approaches for Chronic Intestinal Inflammatory Disorders Therapy”. *Current Pharmaceutical Biotechnology*, 2024; 25(14):1835-1857. (SCI) [DOI: <http://dx.doi.org/10.2174/0113892010282432231222060355>]
30. Jain Ayush, **Majee Chandana**, **Mazumder Rupa**, **Padhi Swarupanjali**, **Mazumder Avijit**, **Das Soumya**, Kumar Arvind, Chaitanya MVNL, "Insight into the Novel synthesis approaches and biological activity of 1,3,4 oxadiazole: A Review". *Letters in Organic Chemistry*, 2024. (SCI) [DOI: <https://doi.org/10.2174/0115701786304096240324113413>]
31. Jain P., Mishra R., **Debnath Abhijit**, Sharma S., “Potential of *Azadirachta indica* A. Juss., *Eucalyptus globules Labill.* and *Ocimum sanctum* L. Phytochemicals as Herbal Hand Sanitizer: A review”. *Allelopathy Journal*, 2024; 60(2): 183-200. (SCOPUS) [DOI: <http://dx.doi.org/10.26651/allelo.j/2023-60-2-1463>] (2023).
32. Jain Sanidhya, **Mazumder Avijit**, **Das Saumya**, “From Gut to Brain: Targeting Probiotics in Neurodegenerative Health”. *International Journal of Drug Delivery Technology*, 2024; 14(2):1139-1147. (SCOPUS) [DOI: : 10.25258/ijddt.14.2.80]
33. Jain Sanidhya, **Mazumder Avijit**, **Das Saumya**, Tyagi Pankaj Kumar, Chaitanya M. V. N. L., “Harvesting Health: Phytochemicals in Cognitive Impairment Therapy”. *Central Nervous System Agents in Medicinal Chemistry*. 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0118715249315826240603075900>]
34. Jawed Ahsan Mohamed, Sarwar Ali, Ali Abuzer, Ali Amena, Ahmad Md Dabeer, Hedaytullah Md, **Salahuddin**, Ahsan Md Faiyaz, Riadi Yassine, "An Efficient Synthesis of Novel Semicarbazones and Their Biological Activities". *Organic Preparations and Procedures International*, 2024. (SCI) [DOI: <https://doi.org/10.1080/00304948.2024.2378756>]
35. Joshi Rakesh Chandra, Shahid Husain, Pandey Nupur, Fatma Nisha, Bisen Divya, Upadhyay Ratnakar, **Debnath Abhijit**, Pant Sanjay, Mishra Hirdyesh, “Experimental, Quantum Chemical Spectroscopic Investigation, Topological, Molecular Docking/Dynamics and Biological Assessment Studies of 2,6-Dihydroxy-4-Methyl Quinoline”. *Journal of Molecular Structure*, 2025. (SCI) [DOI: <https://doi.org/10.1016/j.molstruc.2024.140123>]
36. Khan Noor, **Mishra Rakhi**, **Mazumder Avijit**, **Mazumder Rupa**, Singhal Kartik, “Pharmacognostic investigation, antioxidant activity, anticancer activity and HPLC

analysis of *Punica granatum* extract”. Community Practitioner, 2024; 21(7). **(PEER REVIEWED)** [DOI: 10.5281/zenodo.12705599]

37. Kharbanda Jyotsna, **Mazumder Rupa, Bhardwaj Snigdha, Mazumder Avijit, Mishra Rakhi**, Mishra Rashmi, Kumar Bimlesh, “Phytoconstituents Based Nanotherapeutic Approach for the Effective Management of Joint Inflammatory Condition: Arthritis”. Current Drug Targets, 2024. **(SCI)** [DOI: <https://doi.org/10.2174/0113894501306516240531053653>]
38. Kolay Ankit, **Singh Neelam**, Gupta Puneet, Shaikh Ayaz Mukarram, Goel Radha, Nagpal Dheeraj, Chitme Havagiray, “Immunotherapies: A Treasure Trove of Alzheimer's Disease”. Current Pharmaceutical Biotechnology, 2024 **(SCOPUS)** [DOI: [10.2174/0113892010308600240709052539](https://doi.org/10.2174/0113892010308600240709052539)]
39. Kumar Abhash, **Mazumder Avijit, Bansal Priyanka**, Tyagi Pankaj Kumar, Kaur Amrinder, “Integrating Precision Medicine in Diabetes Mellitus: Enhancing Wound Healing and Shaping Future Therapies”. Recent Advances in Inflammation & Allergy Drug Discovery, 2024. **(SCOPUS)** [DOI: <https://dx.doi.org/10.2174/0127722708335238240920035556>]
40. Kumar Akshay, **Majee Chandana, Mazumder Rupa**, Sharma Ruchi, **Mazumder Avijit**, Mishra Rashmi, Wadhwa Pankaj, “The Role of Curcumin in Gastric Carcinoma by Modulating the Immune System and Its SAR”. Journal of Natural Remedies, 2024; 24(1):59-70. **(SCOPUS)** [DOI: 10.18311/jnr/2024/34910]
41. Kumar Dipesh, **Salahuddin**, Mazumder Avijit, Kumar Rajnish, Mohamed Jawed Ahsan, Yar Mohammad Shahar , Abbussalam, Tyagi Pankaj Kumar, Chaitanya MVNL, “Pharmacological Evaluation of Bioisosterically Replaced and TriazoleTethered Derivatives for Anticancer Therapy”. Medicinal Chemistry, 2024. **(SCI)** [DOI: <http://dx.doi.org/10.2174/0115734064320533240903062533>]
42. Kumar Prashant, **Sakshi**, Tiwari Priti, Kunal, Parmar Shikha, Saiphali Kumari, Nirmal Puneet, “Microneedle Therapy for Neurological Disorders: Progress and Challenges.” African Journal of Biological Sciences, 2024; 6(Si3):3492-3510. **(PEER REVIEWED)** [DOI: <https://www.afjbs.com/uploads/paper/93412d1e49c97e00d8750a4cc58974ff.pdf>]
43. **Kumar Rajnish, Singh Himanshu, Mazumder Avijit, Salahuddin**, Bushi G., Gaidhane Shilpa, “Recently Adopted Synthetic Approaches to Pyridine and Analogs: A Review”. Indian Journal of Pharmaceutical Sciences, 2024;86(4):1187-1198. **(SCI)** [DOI: 10.36468/pharmaceutical-sciences.1382]

44. Kumari Preeti, **Mishra Rakhi**, **Mazumder Rupa**, **Mazumder Avijit**, **Singh Ayushi**, Singh Gurvinder, Tyagi Pankaj Kumar, "An Insight on Common and Advanced Synthesis Methodologies of Acyl Urea Analogs Targeting the CNS". Letters in Organic Chemistry, 2024; 21(12):1006-1022. (SCI) [DOI: <http://dx.doi.org/10.2174/0115701786303718240409044341>]
45. Mangal Saloni, **Debnath Abhijit**, **Mazumder Rupa**, **Mazumder Avijit**, Singh Rajesh Kumar, Sanchitra Jahanvi, S.K. Jan Asif, Pandey Pratibha, Kumar Bimlesh, Singh Anil Kumar, "Molecular Landscape of Lung Cancer: Insights into Therapeutic Targets and Clinical Outcomes". All Life, 2024. (SCI) [DOI: <https://doi.org/10.1080/26895293.2024.2417192>]
46. Mishra Prem Shankar, **Mishra Rakhi**, Patil Vaishali Manikrao, Dewangan Sameeksha, "Role of Natural Secondary Metabolites as HIF-1 Inhibitors in Cancer Therapy". Medicinal Chemistry Research, 2024; 33(5):721-734. (SCI) [DOI: <https://doi.org/10.1007/s00044-024-03219-x>]
47. Mishra Prem, Kaushik Niranjana, **Mishra Rakhi**, Koul Sameeksha, Sagar Sakshi, "Natural Alkaloids and Mechanisms for Anti-cancer Action: A Review". Current Bioactive Compounds, 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115734072276134231130170407>]
48. Mishra Shankar Prem, **Mishra Rakhi**, Kumar Anuj. "Comprehensive Review on Alzheimer's Disease: Natural Therapeutics, Gaps, and Challenges". Central Nervous System Agents in Medicinal Chemistry, 2024. (SCOPUS) [DOI: <https://doi.org/10.2174/0118715249307525240614073143>]
49. Mohamed MA, Ali A, Ali A, Afzal O, Ahsan MF, Alamri MA, Alossaimi MA, Altamimi AS, **Salahuddin**, Ahsan MJ, "Targeting EGFR by Newer 1-(3, 5-Bis ((E)-4-hydroxy-3-methoxystyryl)-1H-pyrazol-1-yl)-2-((substituted phenyl) amino) ethan-1-one Analogues for the Treatment of Cancer: Synthesis, In-vitro and In-silico Studies". Journal of Molecular Structure, 2024. (SCI) [DOI: <https://doi.org/10.1016/j.molstruc.2024.138826>]
50. Moriya Gaurav, **Mazumder Rupa**, **Padhi Swarupanjali**, **Mishra Rakhi**, Mishra Rashmi, Khurana Navneet, "Gastroretentive Hydrogels Responsive to External Stimuli for Novel Drug Delivery". IJAP, 2024; 16(4). (SCOPUS) [DOI: <https://doi.org/10.22159/ijap.2024v16i4.51051>]
51. Nishad Mukul, **Verma Sushma**, Maqsood Ramish, and Pal Rashmi Saxena,

- “Etiology, Recent Advances and Clinical Trials Data for the Treatment of Angiodema: A Review”. *Reviews on Recent Clinical Trials*, 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115748871307432240930051749>]
52. Pal Karan, **Verma Sushma**, Agarwal Chhaya, Sharma Deep Shikha, “A Comprehensive Review on Nephrolithiasis: Etiology, Recent Advances and Clinical Trials”. *Current Drug Therapy*, 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115748855317406240823101746>]
53. Pal Rashmi Saxena, Pal Yogendra, Chaitanya Motamarri Venkata Naga Lalitha, **Kumar Rajnish**, Tyagi Pankaj, Srivastava Preeti, “An Exquisite Analysis on the Significance of Nutrient Supplementation in the Holistic Management of Poly-cystic Ovarian Syndrome”. *Current Women’s Health Reviews*, 2024; 20(6). (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115734048262284230927191823>]
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55. **Pathak Deepika, Mazumder Avijit**, “A critical overview of challenging roles of medicinal plants in improvement of wound healing technology”. *DARU Journal of Pharmaceutical Sciences*, 2024; 32(4):379–419. (SCI) [DOI: <https://doi.org/10.1007/s40199-023-00502-x>]
56. **Pathak Deepika, Mazumder Avijit**, “Potential of flavonoids as promising phytotherapeutic agents to combat multidrug-resistant infections”, *Current Pharmaceutical Biotechnology*, 2024; 25(13):1664-1692. (SCI) [DOI: <http://dx.doi.org/10.2174/0113892010271172231108190233>]
57. Pooja, **Mazumder Avijit, Das Saumya**, “Urolithiasis: A systematic herbal approach on pathogenesis and treatment of calcium formation”. *Allelopathy Journal*, 2024; 62(1):1-14. (SCOPUS) [DOI: [10.26651/allelo.j/2024-62-1-1481](https://doi.org/10.26651/allelo.j/2024-62-1-1481)]
58. Raj Ritik, **Mazumder Rupa, Mishra Rakhi**, Mishra Rashmi, Singh Baghel Dileep, “Role of Chronotherapy in the Management of Hypertension: An Overview”. *Current Drug Therapy*, 2024; 19(7): 794-808. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115748855278395240119063324>]
59. Ramzan Mohammad, Sabir Mohammad, Singh Sukhbir, **Debnath Abhijit**, “Three Dimensional Hydrogen Bioprinting Technology as a Scaffold of Novel Drug

- Delivery and Biomedical Devices: A Comprehensive Review". BIO Web of Conferences, 2024. (SCOPUS) [DOI: <https://doi.org/10.1051/bioconf/20248601013>]
60. Rani Ketki, **Mazumder Avijit**, Gupta Manish Kumar, Arora Tripti, "Unlocking Therapeutic Potential: Molecular Docking Insights into Aurora Kinase A Inhibitors Patented and Published from 2011-2020 for Innovative Anticancer Drug Design". Letters in Drug Delivery, 2024. (SCI) [DOI: DOI: [10.2174/0115701808310599241003080546](https://doi.org/10.2174/0115701808310599241003080546)]
61. Rautela Deepraj Singh, **Das Saumya, Mazumder Avijit**, Sharma Bhawana, Khan Fahad, Chaitanya M. V. N. L., "Understanding The influence of diabetes on wound healing and exploring effective management study". Current Science, 2024; 126(12):1438-1445. (SCI) [WebLink: <https://www.currentscience.ac.in/Volumes/126/12/1438.pdf>]
62. Rautela Deepraj Singh, **Das Saumya, Mazumder Avijit**, Sharma Bhawana, Mishra Rashmi, Singh Gurvinder, "Current Aspects of Nanotechnology-Based Healing Approaches for Diabetic Wounds". Current Nanomedicine, 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0124681873312611240520091435>]
63. Rawat Pooja, **Das Saumya, Pentela Bhavani, Bansal Priyanka**, Lovely, Baghel Dileep Singh. "A Review on Functional Gastrointestinal Disorders: Irritable Bowel Syndrome and its Association with Obesity". Natural Products Journal, 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0122103155307220240910042807>].
64. Ray Pushkar Kumar, Shabana Km, **Salahuddin, Kumar Rajnish**, "Synthetic Strategies of Thiazolidine-2,4-dione Derivatives for the Development of New Anti-Diabetic Agents: Compressive Review". Current Topics in Medicinal Chemistry, 2024; 24(10):885-928. (SCI) [DOI: <http://dx.doi.org/10.2174/0115680266284283240304071648>]
65. Rohilla Janvi, **Mishra Rakhi, Varshney Shruti, Mazumder Avijit, Mazumder Rupa**, Kumar Arvind, Kaur Amrinder, "Multi-functional Acyl Urea Compounds: A Review on related Patents, Clinical Trials, and Synthetic approaches" Current Organic Chemistry, 2024. (SCI) [DOI: <https://doi.org/10.2174/0113852728307286240517054021>]
66. Roy Monalisa, **Mazumder Rupa, Neelam Singh**, Bhardwaj Snigdha, **Mishra Rakhi**, Mishra Rashmi, Kumar Bimlesh, "Beyond Conventional: Nanotechnology-Driven Herbal Interventions in the Treatment of Polycystic Ovary

- Syndrome". Current Drug Therapy, 2024. (SCOPUS) [DOI: <http://dx.doi.org/10.2174/0115748855313334240827071434>]
67. Roy Monalisa, **Mazumder Rupa, Singh Neelam, Mishra Rakhi**, Mishra Rashmi, Kumar Bimlesh, 'Role of Decoding of Amh in The Diagnostic Advancements in PCOS". Community Practitioner, 2024;21(7):362-380. (PEER REVIEWED) [DOI: 10.5281/zenodo.12669954].
 68. Roy Tanmoy, **Padhi Swarupanjali, Mazumder Rupa, Majee Chandana, Das Saumya, Monika**, Mishra Rashmi, Kapoor Bhupinder Roy, "Alleviating Neurodegenerative Diseases Associated with Mitochondrial Defects by Therapeutic Biomolecules". Current topics in medicinal chemistry, 2024; 24(16): 1377-1407. (SCI) [DOI: <http://dx.doi.org/10.2174/0115680266299148240329062647>]
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