NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY

(PHARMACY INSTITUTE)

GREATER NOIDA

List of Publications

2026

SCI	SCOPUS	PEER REVIEWED	TOTAL NO. OF PUBLICATIONS
61	**48**	**01**	**110**

1. Aishwaraya**, Das Saumya**, Ojha Smriti**, Padhi Swarupanjali**, **Majee Chandana**, **Das Manas**, "Revolutionising Wound Healing: Exploring A Novel Herbal Hydrogel Formulation of *Amorphophallus paeoniifolius* and *Colocasia esculenta*", Recent Advances in Anti-Infective Drug Discovery*;* **21**, 2026 (28 April 2026) **(SCOPUS**) [DOI: 10.2174/0127724344428364251223074220]

2. **Bahuguna Shrishty**, **Das Saumya**, **Bansal Priyanka**, **Monika**, Singh Sachin Kumar**,** "Nanoformulation Strategies for *Phoenix dactylifera* Bioactives: Phytochemical Profile, Mechanistic Insights, and Translational Challenges", *Journal of Chemical Health Risks*, 17 March 2026 **(SCOPUS**) [Web link: https://www.jchr.org/index.php/JCHR/article/view/12647/6895]

3. Bahuguna Shrishty**, Das Saumya**, **Bansal Priyanka**, "Standardization and Chemical Profiling of *Nelumbo nucifera* Plumule with FTIR, HPLC, GC-MS and Antioxidant Assays", *Allelopathy Journal*, July 2026 **(SCOPUS**)

4. Chaturvedi Nidhi**, Mazumder Rupa**, **Dogra Anmol**, **Mishra Rakhi**, "Development and Physicochemical Evaluation of Quercetin-Loaded PLGA Poloxamer Nanoparticles Prepared by Nanoprecipitation", *Allelopathy Journal*, 2026 **(SCOPUS**) [Accepted]

5. Chauhan Kavya**, Das Saumya**, **Mazumder Avijit**, "Integrative Perspectives on *Ficus carica* (Moraceae): Mechanistic Insights, Phytochemical Diversity, Genetic Basis, and Formulation Potential", *MSW Management*; **1**(36), 6803–6808, 2026. **(SCOPUS**)

6. Chauhan Kavya**, Das S.**, **Mazumder A.**, **Chaitanya M.**, "Targeted and Controlled Drug Delivery Approaches in the Management of Gastroesophageal Reflux Disease", *International Journal of Drug Delivery Technology*; **16**(12s), 665–675, 2026. **(SCOPUS**)

7. Chauhan Milan**, Rani Anjna**, **Mazumder Rupa**, **Mishra Rakhi**, "Bridging the Gap Between Nanocarrier Research and Regulatory Approval: A Focus on Phytosomes", *Journal of Chemical Health Risks*, 2026 **(SCOPUS)** [Accepted]

8. Dadhich Yagya**, Das Saumya**, **Mazumder Avijit**, "Redefining Parkinson's Care: The Promise of Nanotechnology and Artificial Intelligence", *CNS and Neurological Disorders*, 2026. **(SCI**; Q2) [DOI: https://doi.org/10.2174/0118715273452060260422194722]

9. Dadich Yagya**, Das S.**, **Mazumder A.**, "Harnessing Phytochemicals for Neuroprotection in Parkinson's Disease: Bridging Tradition with Modern Science", *Chinese Journal of Health Management*; **20**(3), 630–655, 2026 **(SCOPUS)** [Accepted]

10. **Debnath Abhijit**, Singh Rajesh Kumar**, Mazumder Rupa**, **Dua Arpita**, Tyagi Pankaj Kumar**,** Singh Anil Kumar, "Molecular Insights and Therapeutic Innovations in Cervical Cancer: Emerging Drug Targets", *Advances in Pharmacological and Pharmaceutical Sciences*; **2026**(1), 1452252. **(SCI**; Q2) [DOI: https://doi.org/10.1155/adpp/1452252]

11. Dimple**, Majee C.**, **Mazumder R.**, **Mazumder A.**, **Monika**, "Insight into the Various Synthetic Methods for Thiazole and Its Derivatives, with Their Anticancer Activity", *Letters in Organic Chemistry*, 2025. **(SCI**; Q3) [DOI: https://doi.org/10.2174/0115701786395998251202052809]

12. **Dua Arpita**, **Mazumder Rupa**, **Debnath Abhijit**, **Rani Anjna**, "Novel Approaches in Transdermal Delivery of Antidiabetic Bioactives – A Current Update", *Drug Delivery Letters*, 2026. **(SCOPUS)** [DOI: 10.2174/0122103031422000260102211637]

13. **Dua Arpita**, **Mazumder Rupa**, **Debnath Abhijit**, **Mishra Rakhi**, "Transferosomes: A Vesicular Tool for Transdermal Drug Delivery", *Current Pharmaceutical Design*, 27 August 2025 **(SCI**; Q2) [DOI: https://doi.org/10.2174/0113816128400711251127080000]

14. Dubey Apoorva**, Das Saumya**, **Das Manas Kumar**, Saini Sweety**,** Joshi Himani**,** Kulyal Himani**,** Negi Divya**,** "Computational Analysis of *Coccinia grandis* (L.) Derived Compounds as Potential Therapeutic Agents for Alzheimer's Disease and Diabetes", *International Journal of Drug Delivery Technology*; **16**(48s), 2026 **(SCOPUS)** [DOI: 10.25258/ijddt.16.48s.19]

15. Gaur Adarsh**, Mazumder Avijit**, **Das Saumya**, Raghuvanshi Shalini**,** Sinha Antra**,** "Ameliorative Effects of *Saussurea lappa* Against Hypertension and Anxiety in Animal Models", *Indian Journal of Physiology and Pharmacology*, 2026 **(SCOPUS)** [DOI: 10.25259/IJPP_290_2025]

16. Goel Ayushi**, Das Saumya**, **Mazumder Avijit**, Sinha Antra**,** "Microbiota-Gut-Brain Axis: A Novel Paradigm in the Neurobiology of Anxiety", *CNS & Neurological Disorders – Drug Targets*, March 2026 **(SCI**; Q2) [DOI: 10.2174/0118715273411443251201153434]

17. Gupta Shubhanshi**, Mazumder Rupa**, **Padhi Swarupanjali**, **Mishra Rakhi**, "Development of Solid Lipid Nanoparticles of Pramipexole and Plant Flavonoid Naringenin to Treat Parkinson's Disease", *Allelopathy Journal*, 2026. **(SCOPUS**) [Accepted]

18. Honey**, Das Saumya**, **Bansal Priyanka**, "PCOS Associated with Obesity: Exploring the Pathophysiological Links and Intensive Care", *International Journal of Drug Delivery Technology*, 2026 **(SCOPUS**) [Accepted]

19. Honey**, Das Saumya**, **Bansal Priyanka**, "Exploring the Nutraceutical Promises and Pharmacological Profile of *Avena sativa*: A Comprehensive Review", *Journal of Natural Remedies*, 2026**(SCOPUS**)

20. Jain A.**, Majee C.**, **Mazumder R.**, **Mazumder A.**, "Insight into the Recent Research Progress on the Synthesis and Pharmacology Approaches of 1,3,4-Oxadiazole: A Comprehensive Review", *Current Organic Chemistry*, 2025 **(SCI**; Q3) [DOI: 10.2174/0113852728383478251027072653]

21. Jain Sushant**, Mazumder Avijit**, **Pentela Bhavani**, "Integrative Phytochemical Profiling of *Allamanda cathartica* L. with Antioxidant Validation", *Allelopathy Journal*, 2026. **(SCOPUS**) [Accepted]

22. Joshi Pallavi**, Mazumder Avijit**, **Pentela Bhavani**, **Debnath Abhijit**, "PTP1B Inhibitors for Type 2 Diabetes: From Natural Products, Synthetic Inhibitors, and Multi-Target Drug Design Strategies to Clinical Translation", *Current Drug Targets*, 2026 **(SCI**; Q2) [Accepted]

23. Joshi P.**, Mazumder A.**, **Pentela B.**, **Debnath A.**, "Advances in 11-HSD1 Inhibitor Development for Addressing Insulin Resistance and Beta-Cell Dysfunction in Type 2 Diabetes Mellitus", *Journal of Pharmaceutical Innovation*; **21**(4), 380, 2026. **(SCI**; Q3) [DOI: https://doi.org/10.1007/s12247-026-10628-5]

24. Kanda A.**, Rani A.**, "Design Development and Optimization Using Box–Behnken Design (BBD) and *In Vitro* Evaluation of Cromolyn-Loaded Niosomes for Management of Alzheimer's Disease", *Journal of Pharmaceutical Innovation*; **21**(4), 357, August 2026 **(SCI**; Q3) [DOI: https://doi.org/10.1007/s12247-026-10485-2]

25. Kanda Anmol**, Mazumder Avijit**, **Das Saumya**, **Singh Archna**, Prabhakar Vishnu**,** "Bioactive-Guided Isolation and Optimization of *Luffa acutangula* Nanoemulsion for *In Vitro*, *In Vivo*, and *In Silico* Cholinesterase Inhibition for Alzheimer's Disease Management",

Chemistry & Biodiversity, 2026 **(SCI**; Q3) [DOI: https://doi.org/10.1002/cbdv.202502600]

26. Katkuri Sushma Narsing, Desai Nivedita Nikhil, Gupta Nirupma, Nainwal Pankaj, **Das Saumya,** Paul Jeffrin Reneus. "Beyond Body Mass Index: Re-examining Vitamin D Deficiency in Infertile Women with PCOS." Health Science Reports, Feb. 2026 **(SCI**; Q1) [ACCEPTED]

27. Kaur R., **Mazumder A., Das S.,** Awasthi A., Jauhari R. "Comprehensive Signaling Network Dysregulation in Polycystic Ovary Syndrome: Integrating Genetic, Epigenetic, and Metabolic Pathways Toward Precision Medicine." J Chem Health Risks. 2026;16(2):2352–2387. **(SCOPUS**)

28. Kaur Reshpal, **Mazumder A., Das S.,** Chaitanya M.V.N.L. "Phytotherapeutic Approaches to PCOS: Key Plant Species and Their Therapeutic Potential." Allelopathy J. 2026;68(1):95–108. **(SCOPUS**) [DOI: 10.26651/allelo.j/2026-68-1-1585]

29. Kharbanda Jyotsna, **Mazumder Rupa, Singh Neelam, Dogra Anmol, Mishra Rakhi,** "Development and Therapeutic Evaluation of a Dual-loaded Glycerosomal Gel of Quercetin and Resveratrol in an Arthritic Rat Model." Journal of Pharmaceutical Innovation, 2026; ISSN:1872-5120; E-ISSN:1939-8042. **(SCI**; Q3) [DOI: **https://doi.org/10.1007/s12247-026-10584-0]**

30. Komal, **Mishra Rakhi, Varshney Shruti, Mazumder Rupa, Mazumder Avijit, Rani Anjna,b Maurya Ashish.** "An Insight into the Anti-Cancer Potential of N-Heterocyclic Compounds Targeting Breast Cancer." Current Organic Chemistry; Volume 30, 2026, e13852728400723. **(SCI**; Q2) [DOI: 10.2174/0113852728400723251121095338]

31. Krishna Chittathur Midh**un, Mazumder Rupa, Mishra Rakhi, Rani Anjna.** "A Glance at the Recent Nanoparticle-Based Therapeutic Approaches Towards Glioblastoma Multiforme." Current Pharmaceutical Design, 2026; ISSN: 1381-6128; eISSN: 1873-**4286. (SCI; Q2) [Accepted]**

32. Krishna Chittathur Midhun, **Mazumder Rupa, Mishra Rakhi, Rani Anjna.** "Advances in Prussian Blue Nanoparticle-Based Anticancer Platforms: Synthesis, Functionalization, and Therapeutic Applications." Nanomedicine, 26 March 2026. **(SCI**; Q2) [DOI: https://doi.org/10.1080/17435889.2026.2672138]

33. Kumar A., **Mishra R.** "Design, Synthesis, and Biological Evaluation of Pyridine-Quinazoline-Oxadiazole Hybrids as Novel MELK Inhibitors: In-Silico Analysis, Anti-Ovarian Cancer Activity, Antioxidant Potential, and Assessment of Cell Cycle Arrest and Apoptosis." Future Med Chem. 2026 Feb;18(4):379–397. **(SCI**; Q3) [DOI: 10.1080/17568919.2026.2617607]

34. Kumar Akhalesh, Yadav Mukul, Ray Pushkar Kumar, **Mishra Rakhi,** Upadhyay Amit, Tripathi Shivendra Mani, Mishra Sudhanshu**,** "In Silico ADMET Profiling: Evolution from Traditional Models to Deep Learning Techniques." Current Topics in Medicinal Chemistry; Volume 26, 2026. **(SCI**; Q2) [PMID: e15680266439252]

35. Kumar Akshay, **Verma Sushma.** "Innovations and Bottlenecks in Thermosensitive Polymer Hydrogels for Nose-to-Brain Delivery: A Comprehensive Review." Drug Delivery Letters, 2026 **(SCOPUS**)

36. Kumar Priyam, **Verma Sushma.** "Rheumatoid Arthritis: Current Perspective, Etiology,Signaling Pathway, Diagnosis & Assessment & Ongoing Clinical Trials." Current Signal Transduction Therapy, 2026 **(SCOPUS**) [Accepted]

37. **Kumar Rajnish, Singh Archna, Mazumder Avijit, Salahuddin,** Singh Nardev, "Advances in Chemotherapeutic Potential of Glycoconjugates against Cancer." Anti-Cancer Agents in Medicinal Chemistry. **(SCI**; Q3) [DOI: http://dx.doi.org/10.2174/0118715206401396251204070919]

38. Kumari Khushi**,** Chaitanya M.V.N.L., Kalia Shashi, Patle Deepshikha, Singh Sachin Kumar, **Mazumder Avijit,** "Correction: Polycystic Ovary Syndrome (PCOS): A Comprehensive Review of Clinical Approaches, Functional Bioactives, and Nutritional Interventions." Reproductive Sciences. 2026;33:271–289. **(SCI**; Q2) [DOI: https://doi.org/10.1007/s43032-026-02061-3]

39. Kumari Preeti, **Mishra Rakhi, Mazumder Rupa, Mazumder Avijit,** Patil Vaishali M., "Design, Synthesis and Evaluation of Voltage Gated Sodium Channel Inhibitors as Anticonvulsant Agents." Current Neurovascular Research, 13 March 2026. [ISSN: 1567-2026; eISSN: 1875-5739; Publisher: Bentham Science Publishers Ltd.; SCI; Q3] [DOI: 10.2174/0115672026444589260123044718]

40. Malak Qusai, **Mazumder Rupa, Rani Anjna, Mishra Rakhi**, "Advancements in Formulation Approaches for Retinoblastoma: An Overview." Recent Patents on Nanotechnology, 2026; ISSN: 1872-2105; eISSN: 2212-4020. **(SCI**; Q3) [ACCEPTED]

41. Malak Qusai**, Mazumder Rupa, Rani Anjna, Mishra Rakhi,** "Therapeutic Potential of Phytochemicals in Retinoblastoma: Comprehensive Review." Journal of Natural Remedies, 2026. **(SCOPUS**) [Accepted]

42. Maurya Ashish, **Mishra Rakhi, Mazumder Rupa, Mazumder Avijit, Varshney Shruti, Rani Anjna,** "Synthesis, Computational, and In Vitro Evaluation of Pyridine Analogs to Combat Lung Cancer." Russian Journal of General Chemistry, 2026. [ISSN/eISSN: 1070-3632/1608-3350] **(SCI**; Q4) [ACCEPTED]

43. Saqulain Md., **Verma Sushma,** "Innovative Delivery Systems for the Antifungal Agents." Current Chemical Biology, 2025. **(SCOPUS)** [ACCEPTED]

44. **Mishra R., Mazumder R.,** Patil V.M**.,** "Unleashing the Power of Vilsmeier–Haack Reaction in Synthesis of Heterocycles (A Review)." Russ J Org Chem. 2025;61(Suppl 1)–S19. **(SCI**; Q4) [DOI: https://doi.org/10.1134/S1070428025602559]

45. Pal Nishu, **Kumar Rajnish, Tripathi Shrishti, Mazumder Avijit, Salahuddin,**"Advances in Synthesis of Piperazine Analogues and Molecular Targets: Unlocking Their Potential in CNS Disorder Therapy." Letters in Organic Chemistry; ISSN: 1570-1786; 2026. **(SCI**; Q3) [DOI: 10.2174/0115701786403432260129211331]

46. Pathania Shagun, **Mazumder Avijit, Das Saumya,** "Integrative Therapeutic Strategies for Ulcerative Colitis: From Phytotherapy to Advanced Non-Herbal Novel Drug Delivery Systems and Formulations." Chinese Journal of Health Management, 2026;656–677. **(SCOPUS)** [DOI: 10.564220/1674-0815.2026.87]

47. Pentela Bhavani, **Mazumder Rupa, Mazumder Avijit,** "Advances in Liver Organoid Technology: A Paradigm Shift in Hepatic Research and Therapeutics." Current Pharmaceutical Design, 26 March 2026; eISSN: 1873-4286. **(SCI**; Q2) [DOI: 10.2174/0113816128440756260210044332]

48. Raghuvanshi S., **Mazumder A., Das S.,** "Targeting Microglial Phagocytosis for Alzheimer's Disease Management: Natural, Pharmacological, Nanoparticle and Gene Therapy Approaches." CNS & Neurological Disorders - Drug Targets, 2026;2024-362. **(SCI**; Q2) [DOI: 10.2174/0118715273378092250623064748]

49. Rana D., **Das S., Mazumder A., Monika,** "From Monoamines to Synaptic Plasticity: The Evolution of Rapid-Acting Antidepressants." Journal of Chemical Health Risk, 2026 **(SCOPUS)** [Weblink: https://jchr.org/index.php/JCHR/article/view/14038]

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51. Rana Harsh, **Mazumder Avijit, Bansal Priyanka.** "Beyond Glycemic Control: The Polyol Pathway, AGE–RAGE Axis, and Sperm DNA Fragmentation as Drivers of Diabetic Male Infertility." IJDDT, April 2026 **(SCOPUS)** [DOI: 10.25258/ijddt.16.32s.86]

52. **Rana Kavita, Salahuddin, Mazumder Avijit,** "Anticonvulsant and Antidepressant Evaluation of Some New 2-Heptyl-1-(5-Substituted Phenyl-[1,3,4]Oxadiazol-2-ylmethyl)-1H-Benzimidazole Derivatives." Indian Journal of Heterocyclic Chemistry. 2026;36(01):133–140. **(SCI**; Q4) [DOI: https://doi.org/10.59467/IJHC.2026.36.133]

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54. Rani S., **Salahuddin, Mazumder A., Kumar R., Mangal S., Sharma R.,** Ahsan M.J., Shahar Yar M., "Recent Trends in the Synthesis of Benzimidazoles and Use of the Phillips Modification. A Review." Organic Preparations and Procedures International. 2026 Feb 25:1–30. **(SCI**; Q3) [DOI: https://doi.org/10.1080/00304948.2026.2637659]

55. Rastogi Angana, **Mazumder Avijit, Pentela Bhavani,** Chaitanya M.V.N.L.**,** "Pharmacognostic, Therapeutic, and Formulation Insights into Sesamum indicum: From Traditional Uses to Advanced Drug Delivery Systems." Multidisciplinary, Scientific Work and Management Journal. 2026;36(2):156–160. **(SCOPUS**) [DOI: https://mswmanagementj.com/]

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57. **Sengar N., Mazumder A., Das S.** "Inflammopharmacological Perspectives in Gout: Clinical Response Evaluation, Drug Safety, and Emerging Therapeutic Strategies." Journal of Chemical Health Risks. 2026;16(2):1708–1741. **(SCOPUS**)

58. Sharma Manu**, Mazumder Rupa, Padhi Swarupanjali, Km. Shivangi**, "Target-Based Drug Delivery Approaches against Alzheimer's Disease – Recent Updates." Current Topics in Medicinal Chemistry, 13 Feb 2026. **(SCI**; Q2) [DOI: 10.2174/0115680266421105251206211422]

59. Sharma Mohit, **Mazumder Rupa, Debnath Abhijit,** "Hydrogel-Enabled Drug Delivery for Ulcerative Colitis." Inflammopharmacology. 2026;34(3):1455–1486. ISSN/eISSN: 0925-4692/1568-5608. **(SCI**; Q1) [DOI: 10.1007/s10787-026-02127-3]

60. **Sharma Neha, Debnath Abhijit, Mazumder Rupa,** Rai Pallavi, Singh Rajesh Kumar, "In Search of Novel PD1 Inhibitor from Natural Products by High-Throughput Virtual Screening and Molecular Dynamics Simulation." PLOS One, 22 April 2026;1–30. ISSN:1932-6203. **(SCI**; Q2) [DOI: https://doi.org/10.1371/journal.pone.0339355]

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62. **Sharma Nidhi,** Sharma Manu, **Mazumder Rupa, Chakraborty Pakhi,** "Medicinal Potential of Lucerne (Medicago sativa L.) Plants." Allelopathy Journal. 2026;68(1), May 2026. **(SCOPUS**) [ACCEPTED]

63. Sharma R., **Majee C., Mazumder R., Mazumder A., Salahuddin**, "Insight into Recent Methods for Synthesizing Andrographolide Derivatives and Their Potential Pharmaceutical Effects." Current Topics in Medicinal Chemistry, 2025. **(SCI**; Q2) [Accepted]

64. Sharma Rachit, **Majee Chandana, Mazumder Rupa, Mazumder Avijit, Salahuddin,** "Insight into Recent Methods for Synthesizing Andrographolide Derivatives and Their Potential Pharmaceutical Effects." Current Topics in Medicinal Chemistry, 2026. ISSN:1568-0266; E-ISSN:1873-4294. **(SCI**; Q2) [DOI: 10.2174/0115680266424611260417092905

65. **Sharma S., Majee C., Mazumder R., Mazumder A., Mishra R.** "Insight into the Substrate-Based Synthetic Strategies for Benzimidazole." Letters in Organic Chemistry, 2025. eISSN:1570-1786/1875-6255. **(SCI**; Q3) [ACCEPTED]

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68. Siddharth, **Salahuddin,** Siddhant, **Mazumder A., Kumar R.,** Rav D.P., Shahar Yar M., Ahsan M.J**.,** "Ludwig Knorr's Synthesis: Advances in Heterocyclic Synthesis of Quinoline, Quinolone, Pyrazole, and Pyrrole Derivatives." Synthetic Communications. 2026 Jan 23:1–28. **(SCI**; Q3) [DOI: https://doi.org/10.1080/00397911.2026.2616658]

69. Singh Abhay Kumar, **Mazumder Rupa, Dogra Anmol, Mishra Rakhi,** "Combinatorial Therapy of Nano Formulation with Herbal Medicine to Circumvent Fungal Diseases." Current Topics in Medicinal Chemistry, 02 January 2026. **(SCI**; Q2) [DOI: https://doi.org/10.2174/0115680266394984251018070842]

70. **Singh Archna, Mazumder Avijit, Das Saumya, Kumar Rajnish,** Kanda Anmol,"Synergistic Anti-Dementia Effects of Symplocos racemosa Nanoemulsion: Isolation, Molecular Docking, and In Vivo Evaluation." Current Neurovascular Research. 2026;23. **(SCI**; Q3) [DOI: 10.2174/0115672026421409260119050357]

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72. **Singh H., Kumar R., Mazumder A., Yadav R.K,** "Rechallenge Therapy: New Dimension in Cancer Therapy." Anti-Cancer Agents in Medicinal Chemistry. **(SCI**; Q3) [ACCEPTED]

73. Singh Saumya, **Kumar Rajnish, Tripathi Shrishti, Salahuddin, Mazumder Avijit, Singh Nardev**, "Utility of Palladium as a Catalyst for the Synthesis of Five and Six-Membered Heterocyclic Moieties." Current Organic Chemistry, 2026. **(SCI**; Q2) [DOI: 10.2174/0113852728404183251203015241]

74. **Singhal Priya, Mazumder Rupa, Rani Anjna, Debnath Abhijit.** "Development and Evaluation of a Baicalin-Loaded Phytosomal Transdermal Patch for Type 2 Diabetes Mellitus." Current Drug Metabolism, 23 March 2026. **(SCI**; Q3) [DOI: 10.2174/0113892002437368260113092840]

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76. Tripathi Ansh, **Mazumder Avijit, Bansal Priyanka,** "Emerging and Novel Molecular Targets in Obesity: Advances Toward Precision Anti-Obesity Pharmacotherapy." IJDDT, March 2026. **(SCOPUS)** [DOI: 10.25258/ijddt.16.9s.21]

77. Tripathi A., Sharma G., Pandey V.K., Rustagi S., Sharma A.R., Jha M.**, Debnath A.,** George Joy J., Kim J.-C., Jha A.K, "Histone Modifications in Biological Age Determination: Mechanisms, Biomarkers, and Therapeutic Perspectives." GeroScience, 2026. **(SCI**; Q1) [DOI: https://doi.org/10.1007/s11357-026-02107-z]

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79. **Yadav Ranjeet Kumar, Kumar Rajnish, Mazumder Avijit,** "Synthesis, In Vivo, ADMET Prediction, Molecular Docking Studies, MD Simulation, and DFT Analysis of Novel 1,3,4-Oxadiazole-Furan Hybrids as Anticonvulsants." Journal of Molecular Structure. 2026;1364:145910. **(SCI**; Q2) [DOI: https://doi.org/10.1016/j.molstruc.2026.145910]

80. **Tripathi Shrishti, Kumar Rajnish, Yadav Ranjeet Kumar, Salahuddin**, "Zwitterion: Important Tool for the Regioselective Synthesis of Five Membered Heterocycles:

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82. Rana Harsh, **Mazumder Avijit, Bansal Priyanka,** "Beyond Glycemic Control: The Polyol Pathway, AGE–RAGE Axis, and Sperm DNA Fragmentation as Drivers of Diabetic Male Infertility." IJDDT. 2026;16(32s), 4 April 2026. **(SCOPUS**) [Weblink: https://impactfactor.org/PDF/IJDDT/16/IJDDT,Vol16,Issue32s,Article86.pdf]

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