

## LIST OF PUBLICATIONS FOR THE YEAR 2023

Sr.No	Name of the author/s	Title of the article/research paper	Name of the journal	Publishing authority	Impact Factor	Citation index	Scopus index Yes/No
1.	<b>Sankha Bhattacharya,</b> Vipan Kumar Parihar, Bhupendra G Prajapati	Unveiling the therapeutic potential of cabozantinib-loaded poly D,L-lactic-co-glycolic acid and polysarcosine nanoparticles in inducing apoptosis and cytotoxicity in human HepG2 hepatocellular carcinoma cell lines and in vivo anti-tumor activity in SCID female mice	Frontiers in Oncology	Frontiers Media SA	4.7	Yes	Yes
2.	<b>Sankha Bhattacharya,</b> Satyam Sharma	Dacarbazine-encapsulated solid lipid nanoparticles for skin cancer: physical characterization, stability, in-vivo activity, histopathology, and immunohistochemistry	Frontiers in Oncology	Frontiers	4.7	Yes	Yes
3.	<b>Sankha Bhattacharya,</b> Smita Bonde, Ketan Hatware, Satyam Sharma, Md Meraj	Physicochemical characterization, in vitro and in vivo evaluation of chitosan/carrageenan encumbered with Imatinib mesylate-polysarcosine	International Journal of Biological Macromolecules	Elsevier	8.2	Yes	Yes

	Anjum, Ram Kumar Sahu	nanoparticles for sustained drug release and enhanced colorectal cancer targeted therapy Sankha Bhattacharya a,					
4.	<b>Sankha Bhattacharya,</b> Bhupendra G Prajapati, Nemat Ali, Mohamed Mohany, Mourad AM Aboul-Soud, Rehan Khan	Therapeutic Potential of Methotrexate-Loaded Superparamagnetic Iron Oxide Nanoparticles Coated with Poly(lactic-co-glycolic acid) and Polyethylene Glycol against Breast Cancer: Development, Characterization, and Comprehensive In Vitro Investigation	ACS omega	American Chemical Society	4.1	Yes	Yes
5.	Md Meraj Anjum, Dulla Naveen Kumar, <b>Sankha Bhattacharya,</b> Krishna Kumar Patel, Mahalingam Rajamanickam Vijayakumar, Ashish Kumar Agrawal, Sanjay Singh	Topical delivery of cyclodextrin crosslinked nanosponge of anacardic acid for treatment of UV-B induced skin photoaging: Formulation, characterization and biochemical estimation	Journal of Drug Delivery Science and Technology	Elsevier	5.0	Yes	Yes
6.	Niraj Phatak, <b>Sankha</b>	CD44 targeted delivery of	Nanomedicine	Future Medicine Ltd	5.5	Yes	Yes

	<b>Bhattacharya,</b> Disha Shah, Laxmi Manthalkar, Putrevu Sreelaya, Arinjay Jain	hyaluronic-acid-coated polymeric nanoparticles against colorectal cancer					
7.	<b>Sankha Bhattacharya,</b> Prafull Shinde, Amit Page, Satyam Sharma	5-Fluorouracil and Anti- EGFR antibody scaffold chitosan-stabilized Pickering emulsion: Formulations, physical characterization, in-vitro studies in NCL-H226 cells, and in-vivo investigations in Wistar rats for the augmented therapeutic effects against squamous cell carcinoma	International Journal of Biological Macromolecules	Elsevier	8.2	Yes	Yes
8.	Laxmi Manthalkar, <b>Sankha Bhattacharya,</b> Ketan Hatware, Putrevu Sreelaya, Disha Shah, Arinjay Jain, Niraj Phatak	Fabrication of D- $\alpha$ - tocopheryl polyethylene glycol 1000 succinates and human serum albumin conjugated chitosan nanoparticles of bosutinib for colon targeting application; in vitro-in vivo investigation	International Journal of Biological Macromolecules	Elsevier	8.2	Yes	Yes

9.	Surovi Saikia, Firdush Ahmed, Bhupendra G Prajapati, V Vijaya Padma, Mehul R Chorawala, Humzah I Postwala, <b>Sankha Bhattacharya</b>	Reprogramming of Lipid Metabolism in Cancer: New Insight into Pathogenesis and Therapeutic Strategies	Current Pharmaceutical Biotechnology	Bentham Science Publishers	2.8	Yes	Yes
10.	Rahul Shah, <b>Sankha Bhattacharya</b>	Preparation and physical characterisation of Methotrexate encapsulated poly(n- methyl glycine) microspheres for the Rheumatoid arthritis treatment option	Results in Chemistry	Elsevier	2.3	Yes	Yes
11.	Arinjay Jain, <b>Sankha Bhattacharya</b>	Recent advances in nanomedicine preparative methods and their therapeutic potential for colorectal cancer: a critical review	Frontiers in Oncology	Frontiers	4.7	Yes	Yes
12.	<b>Sankha Bhattacharya</b>	An epistolary account of cabozantinib's significance in the combat against renal cell, hepatocellular, and	Cancer Research, Statistics, and Treatment	Medknow	-	Yes	Yes

		thyroid carcinoma from the perspective of a cancer combatant					
13.	<b>Sankha Bhattacharya</b>	Extravaganza of Nanobiotechnology in the Diagnosis and Treatment of Dementia Patients	Current Pharmaceutical Biotechnology	Bentham Science Publishers	2.8	Yes	Yes
14.	Putrevu Sreelaya, <b>Sankha Bhattacharya</b>	A Mini-review Based on Multivesicular Liposomes: Composition, Design, Preparation, Charac	Current Pharmaceutical Biotechnology	Bentham Science Publishers	2.8	Yes	Yes
15.	<b>Sankha Bhattacharya,</b> Vipar Kumar Parihar, Neeraj Singh, Ketan Hatware, <b>Amit Page, Mayank Sharma, Mahendra Kumar Prajapati,</b> Abhishek Kanugo, Datta Pawde, <b>Saurabh Maru, Girdhari Lal Gupta,</b> Sunil Kanvinde	Targeted delivery of panitumumab-scaffold bosutinib-encapsulated polycaprolactone nanoparticles for EGFR-overexpressed colorectal cancer	<i>Nanomedicine</i>	Taylor & Francis Group, LLC	-	Yes	Yes

16.	<b>Girdhari Lal Gupta</b> , Lalit Sharma, Manu Sharma	18 $\beta$ -Glycyrrhetic acid ameliorates neuroinflammation linked depressive behavior instigated by chronic unpredictable mild stress via triggering BDNF/TrkB signaling pathway in rats	Neurochemical Research	Springer US	4.4	Yes	Yes
17.	Tanvi Dayanand Pingale, <b>Girdhari Lal Gupta</b>	Acute and sub-acute toxicity study reveals no detrimental effect of formononetin in mice upon repeated i.p. dosing	Toxicology Mechanisms and Methods	Taylor & Francis	3.2	Yes	Yes
18.	<b>Girdhari Lal Gupta</b> , Nikita Patil Samant	Acute and Sub-Acute Oral Toxicity Evaluation of Avicularin	Journal of Medicinal and Chemical Sciences	Sami Publishing Company (SPC)	-	Yes	Yes
19.	Tanvi Dayanand Pingale, <b>Girdhari Lal Gupta</b>	Oleanolic acid-based therapeutics ameliorate rotenone-induced motor and depressive behaviors in parkinsonian male mice via controlling neuroinflammation and activating Nrf2-BDNF-dopaminergic signaling pathways	Toxicology Mechanisms and Methods	Taylor & Francis	3.2	Yes	Yes
20.	Pottathil Shinu, <b>Girdhari Lal Gupta</b> , Manu	Pharmacological Features of 18 $\beta$ -Glycyrrhetic Acid:	Plants	MDPI	4.5	Yes	Yes

	Sharma, Shahzad Khan, Manoj Goyal, Anroop B Nair, Manish Kumar, Wafaa E Soliman, Aminur Rahman, Mahesh Attimarad, Katharigatta N Venugopala, Abdullah Abdulhamid Ahmed Altaweel	A Pentacyclic Triterpenoid of Therapeutic Potential					
21.	<b>Abhishek Kanugo</b> , Ronit Dhage	pH-dependent pulsatile delivery of Ambrisentan for the treatment of hypertension	Journal of Research in Pharmacy	Marmara University	-	Yes	Yes
22.	Chetan Suthar, <b>Abhishek Kanugo</b>	Management of diabetes mellitus by molecular imaging technology	Pharmaceutical Resonance	DPU Pharmacy	-	-	-
23.	<b>Abhishek Kanugo</b> , Anushka Thanvi	Neusilin US2 based Liquisolid Compact technique for the enhancement of solubility and dissolution rate of Olmesartan: Box-Behnken design approach	Journal of Research in Pharmacy	Marmara University	-	Yes	Yes

24.	Stuti Bhaiya1, <b>Abhishek Kanugo</b>	Recent advances of electrospun polymeric nanofibers in drug delivery system	Pharmaceutical Resonance	DPU Pharmacy	-	-	-
25.	<b>Kuttiappan Anitha,</b> Shvetank Bhatt, <b>Dhrubojyoti Mukherjee</b>	Targeting inflammatory signaling in obsessive compulsive disorder: a promising approach	Metabolic Brain Disease	Springer	3.6	YES	YES
26.	Rohitashwa Kumar, Manmohan Singhal, <b>Devendra Kumar,</b> Ashish Joshi, KM Monirul Islam	Designing, Development, and Evaluation of an Informatics Platform for Enhancing Treatment Adherence in Latent Tuberculosis Infection Patients: A Study Protocol	BioMedInformatics	MDPI	-	YES	YES
27.	Shraddha Manish Gupta, Ashok Behera, Neetesh K Jain, Avanish Tripathi, Dinesh Rishipathak, Siddharth Singh, Nafees Ahemad, Meryem Erol, Devendra Kumar	Development of substituted benzylidene derivatives as novel dual cholinesterase inhibitors for Alzheimer's treatment	RSC advances	Royal Society of Chemistry	3.9	YES	YES

28.	<b>Ravindra Babu Pingili</b> , Sridhar Vemulapalli, Uday Bhaskar Narra, Sree Varsha Potluri, Naveen Babu Kilaru	Diosmin attenuates paracetamol-induced hepato-and nephrotoxicity via inhibition of CY2E1-mediated metabolism in rats	Journal of Applied Pharmaceutical Science	Open Science Publishers LLP	-	YES	YES
29.	<b>Ravindra Babu Pingili</b> , Vijayalakshmi Rachamsetty & Naveen Babu Kilaru, Sridhar Vemulapalli, Manideep V. V. N. Gadamsetty, Divya Presingu, Ruthvik Katuri	Chlorzoxazone reduced the paracetamol-induced toxicity via competitive inhibition of CYP2E1-mediated metabolism	Future Journal of Pharmaceutical Sciences	Springer	2.6	YES	YES
30.	Naveen Babu Kilaru , Sirisha Koppula and, Siva Reddy Challa, Vara Prasad Saka, Tanvija Kodali, Vyshnavi Toleti, <b>Ravindra Babu Pingili</b>	Hepatoprotective activity of herbal extracts and other compounds against acetaminophen-induced hepatotoxicity by various mechanisms: A narrative review	Annals of Phytomedicine	Ukaaz Publications	-	-	-

31.	<b>Ravindra Babu Pingili</b> , Sridhar Vemulapalli, Surya Sandeep Mullapudi, Vijaya R Dirisala, Harsha Sai Chanumolu, Naveen Babu Kilaru	Effect of hesperetin on the pharmacokinetics of metoprolol succinate in rats	Future Journal of Pharmaceutical Sciences	Springer Berlin Heidelberg	2.6	YES	YES
32.	<b>Ravindra Babu Pingili</b> , Surya Sandeep Mullapudi, Sridhar Vemulapalli, Naveen Babu Kilaru	Influence of hesperetin on the pharmacokinetics of Diltiazem in rats	Journal of Applied Pharmaceutical Science	Springer Berlin Heidelberg	2.6	YES	YES
33.	Akshita A Agrawal, <b>Jagdish K Sahu</b> , Shilpa Dawre, <b>Abhishek Kanugo</b>	Determination of Olmesartan in Bulk and Pharmaceutical Dosage Forms through the Development and Validation of Stability-indicating RP-HPLC Method	Drug Metabolism and Bioanalysis Letters Formerly: Drug Metabolism Letters	Bentham Science Publishers	-	YES	YES
34.	Ujwal Chaudhari, <b>Jagdish K Sahu</b> , Payal R Dande	Analytical Method Development, Validation and Forced Degradation Study of Dapagliflozin by RP-HPLC	Drug Metabolism and Bioanalysis Letters Formerly: Drug Metabolism Letters	Bentham Science Publishers	-	YES	YES

35.	Shikha Sharma, Muskan Gupta, Mukesh Gupta, <b>Jagdish K Sahu</b>	Significance of Benzimidazole analogues for the creation of novel molecules in drug discovery	Current Chemistry Letters	Growing Science	-	-	-
36.	Shikha Sharma, Muskan Gupta, Mukesh Gupta, <b>Jagdish K Sahu</b>	Impact of Benzimidazole Containing Scaffolds as Anticancer Agents through Diverse Modes of Action	Current Bioactive Compounds	Bentham Science Publishers	-	YES	YES
37.	Kavita Rana, Avijit Mazumder, Anurag Agrawal, <b>Jagdish K Sahu</b>	Synthesis, in vivo Biological Evaluation and Molecular Docking Study of Some Newer Oxadiazole Derivatives as Anticonvulsant, Antibacterial and Analgesic Agents	Current Computer-Aided Drug Design	Bentham Science Publishers	1.7	YES	YES
38.	Patil M.B., <b>Ghode P.</b> and Joshi P.,	A Comprehensive Review on Chemistry and Biology of Tafamidis in Transthyretin Amyloidosis	Mini Reviews in Medicinal Chemistry	Bentham Science Publishers	3.8	YES	YES
39.	<b>Maru S.</b> , Verma J., Wilen C.E., Rosenholm J.M. and Bansal K.K.	Attenuation of celecoxib cardiac toxicity using Poly( $\delta$ -decalactone) based nanoemulsion via oral route	European Journal of Pharmaceutical Sciences,	Elsevier	4.6	YES	YES
40.	Bhavsar S.K., Tatiya A.U., <b>Maru S.</b> and Patil D.S.,	Investigation of beneficial impact of Eulophia herbacea Lind. tubers extract as	Annals of Phytomedicine	Ukaaz Publications	-	-	-

		an immunomodulatory and adaptogenic agent					
41.	G. Neelamma, T <b>Hemant Kumar</b> , Kuna Mangamma, Natesh Gunturu, J. Sai Chandra	In-vitro and in- vivo comparative neuro protective effect of plant extracts on ethidium bromide induced demyelination	Eur. Chem. Bull.	ECB	-	-	-
42.	G. Neelamma, T <b>Hemant Kumar</b> , Kuna Mangamma, Natesh Gunturu, J. Sai Chandra	Isolation , In-Vitro Evaluation, Spectral Analysis And Molecular Docking Studies of The Alcoholic Extract Of Dietary Crop Cajanus Cajan	Eur. Chem. Bull.	ECB	-	-	-
43.	Koppisetty B.R.B., <b>Tatapudi H.K.</b> , Dadi V., Gayathri P.R., Komali P., Challa G.N., Kollabathula, V.R. and Yarraguntla S.R.,	QbD based RP-HPLC method for simultaneous determination of a emtricitabine, tenofovir diproxil fumarate and efavirenz in tablet dosage form – an application to stability indicating assay	Analytical Chemistry Letters	Taylor & Francis	-	Yes	Yes