

Department of Pharmaceutical Chemistry

P U B L I C A T I O N S

DETAIL LIST OF PUBLICATIONS BY THE FACULTY MEMBERS

Faculty members have published Research papers / Review Articles in National and International Journals.

National: 06 International : 18

Sl. No	Author & Co authors	Title of the Article	Name of the Journal	Year Volume & Page No.	Whether indexed if yes specify	Inter-national/national	Impact factor	Peer reviewed	Nature of journal (hard copy/online)
1	2	3	4	5	6	7	8	9	10
1	Arnika Das, Sujeet Kumar, Leentje Persoons, Dirk Daelemans, Dominique Schols, Hakan Alici, Hakan Tahtaci, Subhas S Karki	Synthesis, in silico ADME, molecular docking and in vitro cytotoxicity evaluation of stilbene linked 1,2,3-triazoles .	Heliyon	2021; 7(1):e05893	Scopus, Web of Science, Pubmed	International	2.85	Peer reviewed	Both
2	Chudamani B, Karla G. Cano Hernandez, Sujeet Kumar, Ann Maria Tony, Austre Y. Schiaffino Bustamante, Renato J.	Synthesis, molecular docking and preliminary antileukemic activity of 4-methoxybenzyl derivatives bearing an imidazo[2,1-b][1,3,4]thiadiazoles	Chemistry & Biodiversity	2021;18(2) :1612-1880	Scopus, Web of science, Pubmed	International	2.039	Peer reviewed	Both

	Aguilera, Dominique Schols, C Gopi Mohan, Subhas S. Karki								
3	Nishith Teraiyaa, Subhas S. Karki, Ashlesha Chauhan	Synthesis, Cyotoxicity Evaluation and Molecular Docking of Fluorine Containing Hexahydroquinoline-3- Carbonitrile Derivatives	Current Drug Discovery Technologies .	2021;18:1- 11	Scopus, Web of science, Pubmed	International	1.2	Peer reviewed	Both
4	ChoodamaniB, Sujeet Kumar, Alok Kumar Gupta, Dominique Schols, HakanTahtaci, Tuncay Karakurt, Satvik Kotha, Swapna B, Ramachandra Setty, Subhas S.Karki	Synthesis, molecular docking and preliminary cytotoxicity study of some novel 2-(naphthalen-1-yl)- methylimidazo[2,1- b][1,3,4]thiadiazoles	Journal of Molecular Structure	2021;1234 (8)	Scopus, Web of science	International	3.196	Peer reviewed	Online
5	Anil Kumar G N, A. Sowmya, Anil Kumar G N, Sujeet Kumar, Subhas S. Karki	Qualitative and quantitative study of intermolecular interactions in imidazo[2,1- b] [1,3,4] thiadiazoles	Chemistry Select	2021;10(6) :4265- 4272	Scopus, Web of science	International	1.811	Peer reviewed	Both
6	E. Vijaya Sekhar, Subhas S. Karki, Javarappa Rangaswamy, Mahesh Bhat,	Synthesis, characterization, and biological evaluation of some 4-((thiophen-2-yl- methylene)amino)benzenes ulfonamide metal complexes	Beni-Suef University Journal of Basic and Applied Sciences	2021;10(2 8)	Scopus, web of science	International	NA	Peer reviewed	Online

	Sujeet Kumar								
7	Lisett Contreras · Stephanie Medina · Austre Y. Schiaffino Bustamante · Edgar A. Borrego, Carlos A. Valenzuela · Umashankar Das · Subhas S. Karki · Jonathan R. Dimmock Renato J. Aguilera	Three novel piperidones exhibit tumor-selective cytotoxicity on leukemia cells via protein degradation and stress-mediated mechanisms	Pharmacological Reports	2021	Scopus, web of science, Pubmed	International	3.024	Peer reviewed	Online
8	Dr Anil Kumar G N, Mrs Sowmya A, Dr Sujeet Kumar, Dr. Subhas Karki.	Crystal structure, quantum chemical and theoretical charge density analysis of 5-bromo-2-(4-methylbenzyl)-6-(4-nitrophenyl)imidazo[2,1-b] [1,3,4] thiadiazole.	Chemical Data Collections	February 2020;25: 100326	Chemical Abstracts, Scopus	International	0.91	Peer reviewed	Both
9	Snehal Nirgude , Raghunandan Mahadeva , Jinsha Koroth , Sujeet Kumar , Kothanahally S Sharath Kumar , Vidya Gopalakrishnan	ST09, A Novel Curcumin Derivative, Blocks Cell Migration by Inhibiting Matrix Metalloproteases in Breast Cancer Cells and Inhibits Tumor Progression in EAC Mouse Tumor	Molecules 2020, 25, 4499;	September 2020, 25, 4499;	Web of Science, PubMed and Scopus	International	3.26	Peer reviewed	Both

	, Subhas S Karki and Bibha Choudhary	Models							
10	Yechan Lee , Sujeet Kumar , Sou Hyun Kim , Keum-Yong Seong , Hyeseon Lee, Chaerin Kim , Young-Suk Jung , and Seung Yun Yang	Odorless Glutathione Microneedle Patches for Skin Whitening	Pharmaceutics	Jan 2020; 12, 100: 1-11.	Web of Science, BIOSIS, Previews and Scopus	International	4.773	Peer reviewed	both
11	Murugesan K, Koroth J, Srinivasan PP, Singh A, Mukundan S, Karki SS, Choudhary B, Gupta CM.	Effects of green synthesised silver nanoparticles (ST06-AgNPs) using curcumin derivative (ST06) on human cervical cancer cells (HeLa) in vitro and EAC tumor bearing mice models.	International Journal of Nanomedicine.	2019; 14:5257 -5270.	PubMed and PubMed Central, MedLine, American Chemical Society's 'Chemical Abstracts Service', Science Citation Index Expanded , Biological Abstracts, Embase, Scopus	International	4.471	Peer reviewed	Both
12	Jinsha Koroth; Snehal Nirgude; Shweta Tiwari; Vidya Gopalakrishnan	Investigation of anti-cancer and migrastatic properties of novel curcumin derivatives on breast and ovarian cancer cell lines	BMC Complementary and Alternative Medicine.	October, 2019; 19(1):273.	ABI, CAS, Embase, Global Health, MEDLINE, PubMed, Science Citation Index	International	2.45	Peer reviewed	Both

	; Raghunandan Mahadeva; Sujeet Kumar; Subhas S Karki; Bibha Choudhary,				Expanded, SCImago, Scopus, SOCOLAR, Zetoc			
13	Monica Pandey, Vidya Gopalakrishnan, Hassan A Swarup, Sujeet Kumar , Radha Gudapureddy, Anjana Elizabeth Jose, Supriya V Vartak, Robin Sebastian, Mrinal Srivastava, Bibha Choudhary, Mantelingu Kempegowda, Subhas S Karki , Sathees C Raghavan	Water-Soluble Version of SCR7-Pyrazine Inhibits DNA Repair and Abrogates Tumor Cell Proliferation	Journal of Radiation and Cancer Research	Jan-March, 2019, 10(1):27 -43	DOAJ, Index Copernicus	National	Peer reviewed	Both

14	A. Sowmyaa , G.N. Anil Kumar , Sujeet Kumar , Subhas S. Karki	Crystal structure, quantum chemical and Hirshfeld surface analysis substituted imidazothiadiazole-5-carbaldehyde	Chemical Data collections	2018 Nov; 17-18: 431-441	Chemical Abstracts, Scopus	International	0.516 (per paper)	Peer reviewed	Both
15	Vartak SV, Swarup HA, Gopalakrishnan V, Gopinatha VK, Ropars V, Nambiar M, John F, Kothanahally SKS, Kumari R, Kumari N, Ray U, Radha G, Dinesh D, Pandey M, Ananda H, Karki SS , Srivastava M, Charbonnier JB, Choudhary B, Mantelingu K, Raghavan SC	Autocyclized and oxidized forms of SCR7 induce cancer cell death by inhibiting nonhomologous DNA end joining in a Ligase IV dependent manner.	The FEBS Journal	2018 Sep;285(21):3959-3976	CABI, EBSCO Publishing, National Agricultural Library, Thomson Reuters, Elsevier, IFIS, European Organisation for Research & Treatment of Cancer, NLM	International	4.237	Peer reviewed	Both
16	Vanita Somasekhar Ruchika Udainiya and Sujeet Kumar	Synthesis And Evaluation of Anti-Proliferative Activity of Novel Thiazolidinone Derivatives	International Journal of Pharmaceutical Sciences and Research	Aug 2018: 9(8): 3449-3453	Thomson Reuters, Web of Science – Emerging Sources Citation Index, Scopus (2014-17), Scimago Journal & Country rank, SNIP, PubMed (Selected citations), EMBASE-	National		Peer reviewed	Both

					Elsevier's, Hinari- WHO, Chemical Abstract, Scirus – Elsevier's, Gale- Expanded Academic ASAP, EBSCO, Google, Google scholar, International consortium for the advancement of academic publication (ICAAP), Scientific common, Pharmaceutical Sciences Open Access Resources (PSOAR), Index Copernicus, Ulrich's International Periodical Directory, ProQuest,				
17	Vivek Singh Bhadauria Vishnu Sravanthi, Sujeet Kumar, Debjayoti Das, Erik De Clercq, Dominique Schols Harukuni Tokuda And Subhas S.	Synthesis and cytotoxic evaluation of some 2-{4-[2-oxo-1,2-dihydro-3H-indol-3-ylidene)methyl]phenoxy}-n-phenylacetamide.	Acta Poloniae Pharmaceutica - a Drug Research	Jan 2017:74 (1); 137-145	ISI Journal Master List, Science Citation Index Expanded, Index Medicus/Medline, Embase/ Excerpta Medica, Ministerstwo, Nauki I SzkolnictwabWyzszego (dawniej Kbn) scopus,	International	0.737	Peer reviewed	Both

	Karki*				pubmed				
18	Nilesh Y. Jadhav, Shivakumar M. Hipparagi, M. Bhagavan Raju, Y. Surana, P. Ashok	Novel phenothiazine compounds as a memory enhancer.	Indian journal of heterocyclic chemistry	Jul-Sep 2017; 27 (03);303 -310	SCOPUS, Science Citation Index Expanded, Thomson Reuters Master	National	0.04	Peer reviewed	Both
19	Addala E, Rafiei H ,Das S Bandy B, Das U, Karki SS and Dimmock JR	3,5-Bis(3- dimethylaminomethyl-4- hydroxybenzylidene)-4- piperidone and related compounds induce glutathione oxidation and mitochondria-mediated cell death in HCT-116 colon cancer cells.	Bioorganic & Medicinal Chemistry Letters	Aug 2017 15; 27(16):3 669- 3673.	Current Contents/Life Sciences ,MEDLINE, EMBASE, Pascal Research Alert, SCISEARCH, Science Citation Index, Scopus	Internatio nal	2.454	Peer reviewed	Both
20	Hemavathi G, Hipparagi S.M.	Development and validation of LC-MS/MS Method for the simultaneous determination of Pioglitazone and Voglibose in Human plasma	Indian Drugs	August 2017; 54(8):62- 73	Scopus, Embase, International Pharmaceuticals Abstracts, Genamics, Scimago, Science Library Index,	National	0.14	Peer reviewed	Both

					Index Copernicus				
21	Hemavathi G, Hippagari S.M.	Sensitive liquid chromatography mass spectrometry/ Mass spectrometry method for simultaneous determination of Bisoprolol and Triamterene in Human Plasma	Asian Journal of Pharmaceutical and clinical Research	April 2017:10 (4):341	Google Scholar, Elsevier Products (EBSCO and EMBASE), SCImago(SJR), Index Copernicus, American Chemical Society	National	0.655	Peer reviewed	Both
22	Supriya V. Vartak, Divyaanka Iyer, T.R. Santhosh kumar, Sheetal Sharma, Archita Mishra, Gunaseelan Goldsmith, Mrinal Srivastava,Shikha Srivastava, Subhas S. Karki, Avadhesha Surolia,Bibha Choudhary,	Novel BCL2 inhibitor, Disarib induces apoptosis by disruption of BCL2-BAK interaction	Biochemical Pharmacology	Feb 2017:13 1;16-28	ISI WEB of science, Pub med central, Scopus, Google Scholar, and SAO/NASA ADS.	International	5.091	Peer reviewed	Both

	Sathees C. Raghavan								
23	Vivek Singh Bhaduria, Sujeet Kumar, Arpit Katiyar, Debajyoti Das, and Subhas S Karki* .	Antioxidant and anti-tubercular activity of some 3-substituted-1,3-dihydro-2H-indole-2-one derivatives	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Jan-Feb2017 : 8(1);192-1938	Scopus, Embase (Elsevier) SCIMAGO, CAS, ROAD, CABI, Google Scholar, Open J-Gate, Biblioteca, Science Central, Index Scholar, AYUSH Research Portal	National	0.35	Peer reviewed	Both
24	Vivek Singh Bhaduria Vishnu Sravanthi, Sujeet Kumar, Debajyoti Das, Erik De Clercq, Dominique Schols Harukuni Tokuda And Subhas S. Karki*	Synthesis and cytotoxic evaluation of some 2-{4-[(2-oxo-1,2-dihydro-3H-indol-3-ylidene)methyl]phenoxy}-n-phenylacetamide.	Acta Poloniae Pharmaceutica - a Drug Research	Jan 2017:74 (1); 137-145	ISI Journal Master List, Science Citation Index Expanded, Index Medicus/Medline, Embase/ Excerpta Medica, Ministerstwo, Nauki I SzkolnictwabWyzs zego (dawniej Kbn)	International	0.737	Peer reviewed	Both