



Indian J Biochem Biophys (Monthly)

September 2023

CODEN: IJBBQ 60 (9) 635-758 (2023) ISSN: 0301-1208 (Print); 0975-0959 (Online) ijbb@niscpr.res.in

32

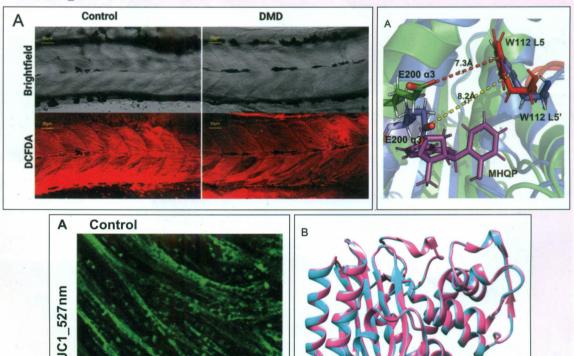
Single Copy: Rs. 736.00 \$ 96.00 Annual Subs: Rs. 7360.00 \$ 960.00

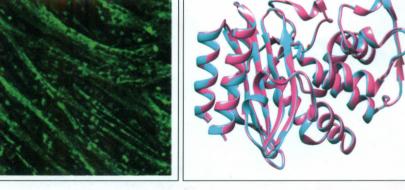
> JCR Impact Factor 1.4

Indian Journal of Biochemistry and **Biophysics**

Special Issue on

"Multiple Facets of Protein Science"





www.niscpr.res.in

CSIR-National Institute of Science Communication And Policy Research सीएसआईआर-निस्पर New Delhi, INDIA



Indian Journal of Biochemistry & Biophysics

http://www.niscpr.res.in; http//nopr.niscpr.res.in

Special Issue on "Multiple facets of Protein Science"

VOLUME 60	NUMBER 9	September 2023
CODEN: IJBBQ 60 (9) 635-758 (2023)		Print); 0975-0959 (Online)
	CONTENTS	
A Review		
Design and development of mutant EGFR inhibito	ors from a structural perspective	645
David E Heppner*		
Mechanistic insights into the oncogenic partnership of therapy	of hADA3 and HPVE6 - paving ways for improved	cervical cancer 651
Santonu Kumar Pradhan, Nandini Sahani [#] , Pre	eti [#] & Alo Nag*	
Protein Carbamylation in Neurodegeneration and	other age-related disorders	659
Krishna Bhavsar, Vivek Shekhar & Sharad Gu	pta*	
Newly-discovered behaviour in the bacterial histon	ne-like protein, HU	666
Archit Gupta, Bhishem Thakur, Kanika Arora	& Purnananda Guptasarma*	
Papers		
Genotypic, phenotypic, and <i>in silico</i> analysis of ca	arbapenem-resistant Klebsiella pneumoniae	673
Suraj Shukla [#] , Heli Upadhyaya [#] , Payashwini S	isodiya, Sanjay Kosara & Devarshi Gajjar*	
Mitigation of pathological parameters under Jagge myoblast cultures	ed1 influence in DMD knockout zebrafish and pa	atient-derived 681
Vishakha Nesari, Juhi Vaishnav, Shashikant Sl	harma, Upendra Nongthomba & Suresh Balakrisl	nnan*
Isolation, purification and characterization of a pr	otease from the seeds of Artocarpus heterophyllu	<i>ts</i> 690
Monika Pandey & Krishnan Hajela*		
Polyphenol MHQP as an allosteric inhibitor of Kine	sin-5: Cease the molecular catwalk of "Drunken Sa	ilor" 703
Manjari Shukla, Sushobhan Maji, Keshav Raja	arshi & Sudipta Bhattacharyya*	
Solution structures and thermodynamics of cis-trans	X-Pro conformers of a novel single disulfide conope	eptide 710
Aswani K Kancherla and Siddhartha P Sarma*		
Synthesis, DFT and Molecular docking study of n 4-carboxylate as antimicrobial agents	novel bis 1,2,3-triazole derivatives of 2-hydroxyq	uinoline- 729
Kandukuri Usha Rani, Gangavaram VM Sharn	na, Shalini Saxena, Lalitha Guruprasad & DA Pa	dmavathi*
Determination of neuroprotective effects of medium aggregates, oxidative stress and ATP levels in HI		intingtin 741
Rajubhai Dabhi, Ragi Mehta, Jayshree Paneri, Dl	hruvi Kakadiya, Anjali Shah, Sushmita Singh & Ra	vi Vijayvargia*
The role of water molecules and its dynamics to the β -lactamase inhibitor	he binding site of β -lactamase enzyme with respe	ct to 750
Siddhi Darji, Purvi Trivedi, Vandan Mehta & I	Devjani Banerjee*	

637