

Vitamin B ₃		in development of primordial germ cells in <i>Xenopus</i> embryos	355
Effects of hypervitaminosis of vitamin B ₃ on silkworm biology	417		
Vocal control system		Yeast two-hybrid	
Acetylcholinesterase in central vocal control nuclei of the zebra finch (<i>Taeniopygia guttata</i>)	189	Identification of a hypothetical membrane protein interactor of ribosomal phosphoprotein P0	33
<i>Volvox</i>		Yellow cocoon sex-limited variety	
Exploring germ-soma differentiation in <i>Volvox</i>	143	Studies on middle silk gland proteins of cocoon colour sex-limited silkworm (<i>Bombyx mori</i> L.) using two-dimensional polyacrylamide gel electrophoresis	45
Women scientists		Zebra finch	
What impact, if any, has feminism had on science?	7	Acetylcholinesterase in central vocal control nuclei of the zebra finch (<i>Taeniopygia guttata</i>)	189
<i>Xenopus</i> embryos			
mRNA translation during oocyte maturation plays a key role			

AUTHOR INDEX

Adhya Samit		strand of proteins are eschewed by mRNA splice junctions and may define the minimal indivisible modules of protein architecture	261
<i>see</i> Pandey Sanjeev	15		
Ahuja Paramvir Singh		Beck Erwin H	
<i>see</i> Kumar Nitish	309	Plant resistance to cold stress: Mechanisms and environmental signals triggering frost hardening and dehardening	449
Alahari Anuradha		Berlozecki Stanislaw	
A novel potassium deficiency-induced stimulon in <i>Anabaena torulosa</i>	153	<i>see</i> Koul Opendar	409
Anbalagan S		Bhalchandra Seema R	
<i>see</i> Balaji V	297	<i>see</i> Aruna K	33
Apte Shree Kumar		Bharti Kapil	
<i>see</i> Alahari Anuradha	153	<i>see</i> Baniwal Sanjeev Kumar	471
Aruna K		Bhattacharya Amita	
Identification of a hypothetical membrane protein interactor of ribosomal phosphoprotein P0	33	<i>see</i> Kumar Nitish	309
Ashish Banerjee		Biswas Kuheli	
Analysis of human chorionic gonadotropin-monoclonal antibody interaction in BIAcore	57	<i>see</i> Goswami Carina	337
Babrekar A A		Bose Tania	
Extracellular electrical activity from the photoreceptors of midge	349	<i>see</i> Sil Susmita	281
Bai Jie		Brahmachary R L	
<i>see</i> Cai Yingfan	67	Mitochondria and mind	211
Balaji V		B-Rao Chandrika	
Infectivity analysis of two variable DNA B components of <i>Mungbean yellow mosaic virus-Vigna</i> in <i>Vigna mungo</i> and <i>Vigna radiata</i>	297	<i>see</i> Chattopadhyay Aparna	135
Bandyopadhyay Santu		Cai Yingfan	
<i>see</i> Pandey Sanjeev	15	An optimized gossypol high-performance liquid chromatography assay and its application in evaluation of different gland genotypes of cotton	67
Baniwal Sanjeev Kumar		Chakraborti Abhay Sankar	
Heat stress response in plants: a complex game with chaperones and more than twenty heat stress transcription factors	471	<i>see</i> Sil Susmita	281
Bao Jinku		Chakraborti Phuljhuri	
<i>see</i> Cai Yingfan	67	<i>see</i> Pandey Sanjeev	15
Baquer Najma Z		Chakraborty Tirtha	
<i>see</i> Gupta Bihari	73	<i>see</i> Aruna K	33
<i>see</i> Yadav Umesh C S	81	Chan Kwan Yu	
Barik Sailen		<i>see</i> Baniwal Sanjeev Kumar	471
When proteome meets genome: the alpha helix and the beta		Chandra D	
		<i>see</i> Singh O P	275
		Chattopadhyay Amitabha	
		Serotonin _{1A} receptor agonist acquires an antimalarial connection	1

Chattopadhyay Aparna		Heim Richard	
Bhattacharyya's distance measure as a precursor of genetic distance measures	135	<i>see</i> Beck Erwin H	449
Chattopadhyay Asis Kumar		Jayasinghearachchi H S	
<i>see</i> Chattopadhyay Aparna	135	Can mushrooms fix atmospheric nitrogen?	293
Chen Fang		Jiang Yong-Huang	
<i>see</i> Cai Yingfan	67	<i>see</i> Jin Yuan-Xiang	45
Chen Yu-Yin		Jin Yuan-Xiang	
<i>see</i> Jin Yuan-Xiang	45	Studies on middle silk gland proteins of cocoon colour sex-limited silkworm (<i>Bombyx mori</i> L.) using two-dimensional polyacrylamide gel electrophoresis	45
Clegg James S		Kachroo Aashiq Hussain	
<i>see</i> Tanguay Joshua A	489	Order in stress – Lessons from the inanimate world	369
Daniewski W M		Kai Guoyin	
<i>see</i> Koul Opendar	409	Isolation and characterization of a new mannose-binding lectin gene from <i>Taxus media</i>	399
Datta Shritapa		Kale R K	
<i>see</i> Goswami Carina	337	<i>see</i> Tiku Ashu Ban	111
Desikachary T V		Kalipatnapu Shanti	
M O P Iyengar (1886–1963)	225	<i>see</i> Chattopadhyay Amitabha	1
Dixon Keith E		Karande Anjali	
<i>see</i> Zeynali Bahman	355	Eppin: A candidate male contraceptive vaccine?	373
Etebari Kayvan		Karthikeyan A S	
Effects of hypervitaminosis of vitamin B ₃ on silkworm biology	417	<i>see</i> Balaji V	297
Fauth Markus		Kasbekar Durgadas P	
<i>see</i> Baniwal Sanjeev Kumar	471	Benign anomaly to malign dysplasia: Variable expression of lamin B receptor mutations in humans	367
Gadagkar Raghavendra		Keller Evelyn Fox	
John Maynard Smith 6 January 1920–19 April 2004	139	What impact, if any, has feminism had on science?	7
Why do honey bee workers destroy each other's eggs?	213	Kirk David L	
Ganguli Arnab		<i>see</i> Kirk Marilyn M	143
<i>see</i> Baniwal Sanjeev Kumar	471	Kirk Marilyn M	
Garg G K		Exploring germ-soma differentiation in <i>Volvox</i>	143
<i>see</i> Kumar Anil	23	Kotak Sachin	
Gierer Alfred		<i>see</i> Baniwal Sanjeev Kumar	471
Human brain evolution, theories of innovation, and lessons from the history of technology	235	Kottke Ingrid	
Gorshkov Victor G		<i>see</i> Liu Donghua	329
<i>see</i> Makarieva Anastassia M	119	Koul Opendar	
Goswami Carina		Bioefficacy and mode-of-action of some limonoids of salannin group from <i>Azadirachta indica</i> A. Juss and their role in a multicomponent system against lepidopteran larvae	409
<i>see</i> Saha Nirmalendu	179	Kristensen Torsten N	
Cell volume changes affect gluconeogenesis in the perfused liver of the catfish <i>Clarias batrachus</i>	337	<i>see</i> Loeschcke Volker	503
Goswami Geeta		Kulkarni G R	
<i>see</i> Singh O P	275	<i>see</i> Babrekar A A	349
Gupta Bihari L		Kumar Anil	
Protective effects of sodium orthovanadate in diabetic reticulocytes and ageing red blood cells of Wistar rats	73	Dibutyryl c-AMP as an inducer of sporidia formation: Biochemical and antigenic changes during morphological differentiation of Karnal bunt (<i>Tilletia indica</i>) pathogen in axenic culture	23
Gupta Gagan D		Kumar Nikhil	
Ceramide trafficking: learning from the rebels	209	<i>see</i> Verma Anjali	319
Gupta Himanshu		Kumar Nitish	
<i>see</i> Ray Subrata Basu	51	Do leaf surface characteristics affect <i>Agrobacterium</i> infection in tea [<i>Camellia sinensis</i> (L.) O Kuntze]?	309
Gupta Yogendra Kumar		Lakhotia Subhash C	
<i>see</i> Ray Subrata Basu	51	Epigenetics of heterochromatin	219
Hansen Jens			
<i>see</i> Beck Erwin H	449		

- Liu Donghua
Subcellular localization of cadmium in the root cells of *Allium cepa* by electron energy loss spectroscopy and cytochemistry 329
- Loeschcke Volker
Ecologically relevant stress resistance: from microarrays and quantitative trait loci to candidate genes – A research plan and preliminary results using *Drosophila* as a model organism and climatic and genetic stress as model stresses 503
- Mahop Marcelin Tonye
Addressing the concerns of rural communities about access to plants and knowledge in a *sui generis* legislation in Cameroon 431
- Makarieva Anastassia M
On the dependence of speciation rates on species abundance and characteristic population size 119
- Mannan Abdul Baru
see Aruna K 33
- Marić V
see Slavica A 169
- Matindoost Leila
see Etebari Kayvan 417
- Mhatre Natasha
see Namboori Seema 245
- Miao Chen
see Cai Yingfan 67
- Miao Zhiqi
see Kai Guoyin 399
- Mishra Rakesh K
Edward B Lewis (1918–2004) 231
- Mishra Shravan Kumar
see Baniwal Sanjeev Kumar 471
- Mo Jianchuan
see Cai Yingfan 67
- Moorthy K
see Yadav Umesh C S 81
- Morange Michel
The death of Francis Crick: the end of a golden age in biology 378
- Morris J A
see Morris R D 359
- Morris R D
Sexual selection, redundancy and survival of the most beautiful 359
- Mukhopadhyay R
KCTCCA, a peptide-based facilitator for bioelectrochemistry 163
- Mulherkar Rita
The enigma of carcinogenesis – stroma or epithelial cells? 133
- Murthy Gundlupet Satyanarayana
see Ashish Banerjee 57
- Nambeesan Savithri
see Aruna K 33
- Namboori Seema
Enhanced functional and structural domain assignments using remote similarity detection procedures for proteins encoded in the genome of *Mycobacterium tuberculosis* H37Rv 245
- Nanda N
see Singh O P 275
- Nath B B
see Babrekar A A 349
- Novak S
see Slavica A 169
- Nover Lutz
see Baniwal Sanjeev Kumar 471
- Pandey Sanjeev
Involvement of *Leishmania donovani* major surface glycoprotein gp63 in promastigote multiplication 15
- Pandey Subedar
see Kumar Nitish 309
- Pandit Shashi Bhushan
see Namboori Seema 245
- Port Markus
see Baniwal Sanjeev Kumar 471
- Preet Anju
see Gupta Bihari 73
- Purwar Shalini
see Kumar Anil 23
- Radder Rajkumar S
Factors influencing offspring traits in the oviparous multi-clutched lizard, *Calotes versicolor* (Agamidae) 105
- Raghavendra K
see Singh O P 275
- Rajashekhar K P
Golgi analysis of tangential neurons in the lobula plate of *Drosophila melanogaster* 93
Maxillary palp glomeruli and ipsilateral projections in the antennal lobe of *Drosophila melanogaster* 423
- Rana Manish
see Kumar Anil 23
- Ranade S A
see Verma Anjali 319
- Ray Subrata Basu
Up-regulation of μ -opioid receptors in the spinal cord of morphine-tolerant rats 51
- Reyes Reno C
see Tanguay Joshua A 489
- Roy Dibyendu
see Sil Susmita 281
- Sadananda Monika
Acetylcholinesterase in central vocal control nuclei of the zebra finch (*Taeniopygia guttata*) 189
- Saha Nirmalendu
Effects of anisotonicity on pentose-phosphate pathway, oxidized glutathione release and t-butylhydroperoxide-induced oxidative stress in the perfused liver of air-breathing catfish, *Clarias batrachus* 179
- Saha Nirmalendu
see Goswami Carina 337
- Saidapur Srinivas K
see Veeranagoudar Dheeraj K 201

Šantek B		Tanguay Joshua A	
<i>see</i> Slavica A	169	Habitat diversity and adaptation to environmental stress in encysted embryos of the crustacean <i>Artemia</i>	489
Sarkar Dwijen		Tiku Ashu Bhan	
<i>see</i> Pandey Sanjeev	15	Adaptive response and split-dose effect of radiation on the survival of mice	111
Sawarkar Ritwick		Tripathi Kaushlendra	
A gene involved in nematode feeding behaviour	3	<i>see</i> Kumar Anil	23
Scharf Klaus-Dieter		Tripp Joanna	
<i>see</i> Baniwal Sanjeev Kumar	471	<i>see</i> Baniwal Sanjeev Kumar	471
Segerstråle Ullica		Trémolières Michèle	
Critical fun with Francis Crick	381	Plant response strategies to stress and disturbance: the case of aquatic plants	461
Sehgal Alfica		Vanitharani R	
<i>see</i> Aruna K	33	<i>see</i> Balaji V	297
Seneviratne Gamini		Veeranagoudar Dheeraj K	
<i>see</i> Jayasinghearachchi H S	293	Foraging behaviour in tadpoles of the bronze frog <i>Rana temporalis</i> : Experimental evidence for the ideal free distribution	201
Shamprasad V R		Veluthambi K	
<i>see</i> Rajashekhar K P	93, 423	<i>see</i> Balaji V	297
Shanbhag Bhagyashri A		Verma Anjali	
<i>see</i> Radder Rajkumar S	105	Genetic diversity amongst landraces of a dioecious vegetatively propagated plant, betelvine (<i>Piper betle</i> L.)	319
<i>see</i> Veeranagoudar Dheeraj K	201	Vidyasagar P B	
Sharma Rakhi		<i>see</i> Babrekar A A	349
<i>see</i> Pandey Sanjeev	15	Vogel Steven	
Sharma Shobhona		Living in a physical world I. Two ways to move material	391
<i>see</i> Aruna K	33	von Koskull-Doring Pascal	
Siddiqi Obaid		<i>see</i> Baniwal Sanjeev Kumar	471
F H C Crick (1916–2004)	375	Weber Christian	
Sil Susmita		<i>see</i> Baniwal Sanjeev Kumar	471
Protoporphyrin IX-induced structural and functional changes in human red blood cells, haemoglobin and myoglobin	281	Xu Meng-Kui	
Singh Gurmeet		<i>see</i> Jin Yuan-Xiang	45
<i>see</i> Koul Opendar	409	Yadav Umesh C S	
Singh Jasbir		Effects of sodium-orthovanadate and <i>Trigonella foenum-graecum</i> seeds on hepatic and renal lipogenic enzymes and lipid profile during alloxan diabetes	81
<i>see</i> Koul Opendar	409	Yan Fang	
Singh O P		<i>see</i> Cai Yingfan	67
An allele-specific polymerase chain reaction assay for the differentiation of members of the <i>Anopheles culicifacies</i> complex	275	Zeng Yu	
Singh Rajwinder		<i>see</i> Cai Yingfan	67
<i>see</i> Koul Opendar	409	Zeynali Bahman	
Slavica A		mRNA translation during oocyte maturation plays a key role in development of primordial germ cells in <i>Xenopus</i> embryos	355
Microbial acetate oxidation in horizontal rotating tubular bio-reactor	169	Zhang Hong	
Sorensen Jesper G		<i>see</i> Cai Yingfan	67
<i>see</i> Loeschcke Volker	503	Zhang Lei	
Srinivasan Narayanaswamy		<i>see</i> Kai Guoyin	399
<i>see</i> Namboori Seema	245	Zhao Lingxia	
Subbarao S K		<i>see</i> Kai Guoyin	399
<i>see</i> Singh O P	275	Zheng Jingui	
Sujatha Sentivel		<i>see</i> Kai Guoyin	399
<i>see</i> Namboori Seema	245	Zielinski Dirk	
Sun Xiaofen		<i>see</i> Baniwal Sanjeev Kumar	471
<i>see</i> Kai Guoyin	399		
Swarup Ghanshyam			
How to design a highly effective siRNA	129		
Takaki Ryuji			
Physical aspect of microscopic behaviour of biomolecules	385		
Tang Kexuan			
<i>see</i> Kai Guoyin	399		