

# Indian Journal of Experimental Biology

## Editorial Board

Dr Akhilesh K. Tyagi  
Former Director,  
National Institute of Plant  
Genome Research  
Aruna Asaf Ali Marg, New Delhi-110 067

Prof. Antony Gomes (retd.)  
Laboratory of Toxinology & Experimental  
Pharmacodynamics  
Department of Physiology,  
University of Calcutta  
92 A P C Road,  
Kolkata 700 009, India

Dr MM Chaturvedi  
Laboratory for Chromatin Biology  
Department of Zoology  
University of Delhi (North Campus),  
Delhi 110007, India

Prof. YK Gupta  
C.G. Pandit National Chair, ICMR &  
Principal Advisor (Projects),  
THSTI-DBT  
Arun Vihar, Noida, Uttar Pradesh, India

Prof. RK Kale  
Former Professor,  
School of Life Sciences  
Jawaharlal Nehru University  
New Delhi 110067, India

Prof. Narendra Tuteja  
Visiting Scientist,  
International Center for Genetic  
Engineering and Biotechnology,  
Aruna Asaf Ali Marg, New Delhi 110 067

Prof. N S Punekar,  
Biotechnology Group,  
School of Biosciences & Bioengineering,  
Indian Institute of Technology-Bombay,  
Powai, Mumbai 400076, India

Dr Ramesh K. Goyal,  
Vice Chancellor, Delhi Pharmaceutical  
Sciences & Research University,  
New Delhi, Delhi 110017

Dr. Sarada Subramanian  
Department of Neurochemistry  
National Institute of Mental Health and  
Neurosciences  
Bangaluru 560 029, India

Dr Sarfraz Ahmad  
Director of Clinical Research,  
Advent Health Medical Center,  
Orlando, FL 32804, USA

Prof. T Satyanarayana (retd.)  
Department of Microbiology  
University of Delhi, South Campus  
Benito Juarez Road  
Duala Kuan, New Delhi 110 021

Prof. Sher Ali, J C Bose National Fellow,  
Av-Humboldt Fellow, Germany  
Center for Interdisciplinary Research in  
Basic Sciences, Jamia Millia Islamia,  
Jamia Nagar, New Delhi 110025

Dr Sunil S. Metkar,  
Director, Research and Development  
Theratest Labs Inc.  
1111 N Main Street, Lombard, IL 60148

Dr S Thameem Dheen,  
Department of Anatomy  
Yong Loo Lin School of Medicine  
National University of Singapore  
MD10, 4 Medical Drive, #04-06  
Singapore 117597

Dr Geetha Vani Rayasam, **Director**, CSIR-NIScPR (*Ex-Officio*)

**Editor:** Dr Arvind Meena (arveena.niscpr@csir.res.in)

Published by Shri Mukesh Ambadas Pund on behalf of National Institute of Science Communication and Policy Research  
Vigyan Sanchar Bhawan, Dr K S Krishnan Marg, New Delhi 110 012

**Website:** <https://niscpr.res.in>; <https://nopr.niscpr.res.in>; <https://or.niscpr.res.in>

**Phone:** 011-25846301; **Fax:** 011-25847062

The Indian Journal of Experimental Biology (IJEB) is issued monthly.

The Institute assumes no responsibility for the statements and opinions advanced by the contributors. The editorial staff in its work of examining papers received for publication is assisted, in an honorary capacity, by a large number of distinguished scientists. Communications regarding contributions for publication in the journal should only be addressed to the Editor, Indian Journal of Experimental Biology, CSIR-National Institute of Science Communication and Policy Research (NIScPR), Dr KS Krishnan Marg, New Delhi 110 012.

<b>Annual Subscription:</b>	Rs 7360.00	\$ 960.00*
<b>Single Copy:</b>	Rs 736.00	\$ 96.00*

# Subject to revision

Payments through Demand Draft/ECS/NEFT/RTGS are accepted. DD should be sent to Director, CSIR-NIScPR; payable at New Delhi  
Following details may be used for ECS/NEFT/RTGS transactions with CSIR-NIScPR:

Bank name & branch : Canara Bank, NPL Campus, New Delhi  
Account No.: 110003874485  
MICR code : 110015428  
Branch code : 9029

Beneficiary Name: CSIR-NIScPR  
IFSC code: CNRB0019100  
Swift code: CNRBINBBBFD

Correspondence regarding subscriptions and advertisements should be addressed to:

**Head, Business Development Group & Industry, CSIR-National Institute of Science Communication and Policy Research, Vigyan Sanchar Bhawan, Dr K S Krishnan Marg, New Delhi 110 012**

**Phone:** 25843359 (Subscription Complaint)/25846301, 25846304-07 Extn 287, 288. **E-mail:** sales@niscpr.res.in

© 2024 CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR), New Delhi 110 012

### **CSIR-NIScPR Policy on Plagiarism**

The system of formal communication in science through publication in primary journals is based on originality and quality of information being the only criteria for publication. However, there have been tendencies to misuse the system and vitiate the process of science communication for personal benefits. One of the ills afflicting science communication is plagiarism. Attempts at plagiarism may range from verbatim copying of extensive material of other authors, misappropriating results/data of others with minor changes in language/presentation without giving credit to the original source, to publish essentially the same information more than once.

As the premier publisher in India of primary scientific journals in various disciplines of science and technology, NIScPR strongly reiterates its policy of discouraging plagiarism of all kinds. All efforts are made to detect and frustrate attempts at plagiarism through editorial screening and rigorous peer review in respect of communications received for publication in NIScPR publications. Cooperation of the scientific community is sought in our efforts to frustrate all attempts at plagiarism.

In case any attempt to plagiarise is brought to our attention accompanied with convincing evidence, following steps would be taken:

- (a) After consulting the respective Editorial Board Members authors guilty of plagiarism will be debarred from publishing their papers in NIScPR journals.
- (b) Heads of the departments/institutes of the offending authors will be intimated of such incidences.
- (c) Such incidents of plagiarism will be publicised through the concerned NIScPR journals with consultation with the respective Editorial Board Members.

It is mandatory on the part of the author(s) to furnish the following certificate at the time of submission of the manuscript for publication:

[This is to certify that the reported work in the article entitled, "(give full title with all the authors name)" submitted for publication in the journal, the..... is an original one and has not been submitted for publication elsewhere. I/we further certify that proper citation to the previously reported work have been given and no data/table/figures have been quoted verbatim from other publications without giving due acknowledgement and without permission of the author(s). The consent of all the authors of this article has been obtained for submitting the article to the journal, "....."

Signatures and names of all the authors]