Indian Journal of Experimental Biology  
http://www.niscair.res.in; http://nopr.niscair.res.in

VOLUME 51  
NUMBER 8  
AUGUST 2013

CONTENTS

Review Article

Actinobacteriological research in India  
Sonashia Velho-Pereira & Nandkumar M Kamat

Papers

Cytotoxic function of gamma delta (γ/δ) T cells against pamidronate-treated cervical cancer cells  
Monthon Lertworapreecha, Suthiluk Patumraj, Somchai Niruthisard, Pokrath Hansasuta & Parvapan Bhattarakosol

Differential microglial and astrocytic response to bacterial and viral infection in the developing hippocampus of neonatal rats  
Nisha Patro, Kavita Singh & Ishan Patro

In vitro cytotoxicity testing of new generation oxazaphosphorines against human histiocytic lymphoma cells  
Malgorzata Opydo-Chanek, Lidia Mazur & Marta Stojak

Mollusc C-reactive protein crosses species barrier and reverses hepatotoxicity of lead in rodent models  
Sandip Mukherjee, Sarmistha Chatterjee, Shuvasree Sarkar, Soumik Agarwal, Rakesh Kundu, Sudipta Maitra & Shelley Bhattacharya

Phytomodulatory potential of lycopene from Lycopersicum esculentum against doxorubicin induced nephrotoxicity  
Ashwani Koul, Shubrant & Prachi Gupta

Co-administration of trientine and flaxseed oil on oxidative stress, serum lipids and heart structure in diabetic rats  
Ali Rezaei & Esfandiar Heidarian

Cardioprotective effect of methanolic extract of Marrubium vulgare L. on isoproterenol-induced acute myocardial infarction in rats  
Keyvan Yousefi, Hamid Soraya, Fatemeh Fathiazad, Arash Khorrami, Sanaz Hamedeyazdan, Nasrin Maleki-Dizaji & Alireza Garjani

...Contd.
Antihypertensive and vasorelaxant effects of ethanol extract of stem barks from *Zanthoxylum rhoifolium* Lam. in rats

Edson Santos Ferreira-Filho, Daniel Dias Rufino Arcanjo, Lucas Henrique Porfírio Moura, José COURAS DA SILVA-FILHO, Emanuel Tenório Paulino, Êurica Adélia Nogueira Ribeiro, Mariana Helena Chaves, Rita de Cássia Meneses Oliveira & Aldeídia Pereira de Oliveira

Ultrastructural changes and oxidative stress markers in wild and cultivar *Sesamum orientale* L. following *Alternaria sesami* (Kawamura) Mohanty and Behera. inoculation

A S Lubaina & K Murugan

**Announcement**

National Conference on Environmental Impact and Organism Response (NCEIOR–2013)

Organized by the Department of Zoology, Dr. R. G. Rathod Arts and Science College in collaboration with Indian Association of Aquatic Biologists (IAAB, Hyderabad) and Indian Academy of Environmental Sciences (IAES, Haridwar), the Conference will cover following areas: (i) Environmental Chemistry, (ii) Environmental Geography and Geology, (iii) Air and Water Pollution, (iv) Bioremediation, (v) Aquaculture and Fisheries, (vi) Organic Farming, (vii) Climate change and Global warming, (viii) Innovative Bioremedial Technologies, (ix) Environmental Impact on Biodiversity, (x) Environmental Management and Risk Assessment, (xi) Environmental Health Hazard, (xii) Environmental Pollution and Human Health, and (xiii) Environmental Biotechnology and related topics. For further details, please contact: Dr P M Makode, Convener NCEIOR–2013, Department of Zoology, Dr. R. G. Rathod Arts & Science College, Murtizapur, Dist. Akola, India, 444 107. Telephone: 07264-243951; Fax: 07264-243951; Cell: 09420920640,9158460147. E-mail: nceior2013@gmail.com /nceior2013@rediffmail.com; Website: www.rgrcollmzr.org

**NISCAIR’s 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 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, NISCAIR strongly reiterates its policy of discouraging plagiarism of all kinds. All efforts are made detect and frustrate attempts at plagiarism through editorial screening and rigorous peer review in respect of communications received for publication in NISCAIR publications. Cooperation of the scientific community is sought in our efforts to frustrate all attempts at plagiarism.

In case any attempt to plagiarize 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 NISCAIR journals

(b) Heads of the departments/institutes of the offending authors will be intimated of such incidences of plagiarism.

(c) Such incidents of plagiarism will be publicized through the concerned NISCAIR journals in consultation with the respective Editorial Board Members.