

Indian Journal of Experimental Biology

<http://www.niscair.res.in>; <http://nopr.niscair.res.in>

VOLUME 57

NUMBER 08

AUGUST 2019

CODEN: IJEB (A6) 57 (08) 557-638 (2019)

ISSN: 0019-5189 (Print); 0975-1009 (Online)

CONTENTS

Papers

- Phylogenetic identification and metabolic potential of bacteria isolated from deep sea sediments of Bay of Bengal and Andaman Sea 561
 Vishnu Priya Padmanaban, Pankaj Verma, Dharani Gopal, Ashok Kumar Sekar & Kirubakaran Ramalingam
- Deciphering the morphological and molecular characteristics of fresh water fish *Lepidocephalus thermalis* (V.) — DNA barcode approach 573
 Shobana Manoharan, Raghavan Kuppu & Ramesh Uthandakalaipandian
- Association of TP53 gene codon 72 polymorphism with incidence of cervical cancer in Chhattisgarh 580
 Yashwant K Ratre, Vijaylakshmi Jain, Dnyanesh Amle, Pankaj K Mishra & Pradeep K Patra
- In vivo* and *in vitro* anti-inflammatory activity of *Litchi chinensis* Sonn leaf extract and isolated compound procyanidin A2 586
 Rosana Custódio da Luz Castellain, Silvia Aparecida Ramos, Rafael Vanolli Schulte, Kely Zanell, Talita Dacroce Tonin, Liliani Carolini Thiesen, Tania Mari Bellé Bresolin, Valdir Cechinel-Filho, Christiane Meyre-Silva, Isabel Daufenback Machado, José Roberto Santin & Márcia Maria de Souza
- Macrotyloma uniflorum* (Lam.) Verdc. improves glucose metabolism and proinflammatory parameters in high fructose fed rats 594
 Veerappan Ramanathan, Dominic Amal Raj & Malarvili Thekkumalai
- Oleuropein protects kidney against oxidative and histopathological damages in subchronic cadmium intoxicated mice 602
 Hedya Jemai, Anwar Feryéni, Asma Mahmoudi, Ines Fki, Zouhaier Bouallagui & Sami Sayadi
- Beryllium induced toxic manifestations in rat brain: Dose and duration dependent study 610
 Komal Singh Suman & Monika Bhadauria
- Enhancement of indigo dye yield from *Indigofera* plant biomass by using fungal elicitors during fermentation 619
 Saikat Dutta, El Mutaz Nassir Farag & Bijaya Ketan Sarangi

Cont.

Notes

Quantification and purification of C-phycoerythrin from cyanobacterial strains *Anabaena* and *Phormidium* 625

Devendra Kumar, Sudhir Saxena, Priyanka Nehra & Dolly Wattal Dhar

Ethanol production by *Kluyveromyces marxianus* HM36338: Optimization of fermentation conditions using response surface methodology 630

Rinku Dhanker, Suman Chaudhary, Sneha Goyal & Sudhir Kumar Tomar

Announcements 636

Author Index

Amle D	580	Jemai H	602	Santin JR	586
Bhadauria M	610	Kumar D	625	Sarangi BK	619
Bouallagui Z	602	Kuppu R	573	Saxena S	625
Bresolin TMB	586	Machado ID	586	Sayadi S	602
Chaudhary S	630	Mahmoudi A	602	Schulte RV	586
da Luz Castellain RC	586	Manoharan S	573	Sekar AK	561
de Souza MM	586	Mishra PK	580	Silvaa CM	586
Dhanker R	630	Nehra P	625	Sneh Goyal	630
Dhar DW	625	Padmanaban VP	561	Suman KS	610
Dutta S	619	Patra PK	580	Thekkumalai M	594
Farag EMN	619	Raj DA	594	Thiesen LC	586
Feryéni A	602	Ramalingam K	561	Tomar SK	630
Filho VC	586	Ramanathan V	594	Tonin TD	586
Fki I	602	Ramos SA	586	Uthandakalaipandian R	573
Gopal D	561	Ratre YK	580	Verma P	561
Jain V	580			Zanella K	586

Keyword Index

Adiponectin	594	Elicitation	619	Metagenomic DNA	561
Air-pouch model	586	Extracellular hydrolytic enzymes	561	Metal toxicity	610
Anion Exchange Chromatography	625	Fructose diet	594	Mitochondrial enzymes	594
Antibacterial	561	Glucocorticoid	594	Natural dye	619
Antioxidants	602	Heavy metal toxicity	602	<i>Neel</i>	619
Aquarium	573	Homozygosity	580	Neurotoxicity	610
Ayira meen	573	Horsegram	594	Neutrophil migration	586
Behavioural studies	610	Human papillomavirus	580	Nitric oxide	586
Bioethanol	630	Indian spiny loach	573	<i>Olea europaea</i>	602
Blood	610	Indican release	619	Olive oil Oxidative stress	602
BOLD	573	Indigo production	619	Optimization	630
Brain	610	Inflammation	586	Ornamental fishery	573
Cadmium renopathy	602	Insulin resistance	594	PA2	586
Carrageenan	586	<i>Kluyveromyces marxianus</i>	630	PCR-RFLP	580
Cheese whey	630	Leptin	594	Phycobiliproteins	625
Cytochrome oxidase I gene	573	Lichia	586	Pleurisy	586
DEAE Cellulose	625	Lipid peroxidation	610	RSM	630
Deep sea Bacteria	561	Lipopolysaccharide	586	<i>Streptomyces</i>	561
DGGE	561			Yeast	630
Dye industry	619				