Purification of heparin binding oviduct specific proteins and its effect on in vitro embryo development in cattle
  Aditya K Sharma, Sushil K Mohapatra, A K Mohanty & S K Das

Cloning and expression of Bos indicus interleukin-4 in mammalian cells
  Prashanth T, G R Reddy, V V S Suryanaryana & H J Dechamma

Effect of epigallocatechin-3-gallate on inflammatory mediators release in LPS-induced Parkinson's disease in rats
  Jehan S AL-amri, Magda M Hagras & Mohamed I Mujallid

Antidiabetic activity of heart wood of Pterocarpus marsupium Roxb. and analysis of phytoconstituents
  Akansha Mishra, Rohit Srivastava, Swayam Prakash Srivastava, Sudeep Gautam, Akhilesh Kumar Tamrakar, Rakesh Maurya & Arvind K Srivastava

Role of tricalcium phosphate implant in bridging the large osteoperiosteal gaps in rabbits
  Satish Chandra Goel, Davinder Singh, Amit Rastogi, Vinay Kumaraswamy, Ashank Gupta & Nitin Sharma

Sub-acute toxicity of cultured mycelia of Himalayan entomogenous fungus Cordyceps sinensis (Berk.) Sacc. in rats
  Harsahay Meena, Kshetra Pal Singh, Prem Sing Negi & Zakwan Ahmed

Effect of UV-C on thylakoid arrangement, pigment content and nitrogenase activity in the cyanobacterium Microchaete sp.
  J K Sahu & M Šimek

Microalgae mediated synthesis of silver nanoparticles and their antibacterial activity against pathogenic bacteria
  S S Sudha, Karthic Rajamanickam & J Rengaramanujam

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A multilayered supramolecular self-assembled structures from soybean oil by in situ polymerization and its applications

Varadharajan Kavitha & Arumugam Gnanamani

Letter to the Editor

Protective effects of subchronic caffeine administration on cisplatin induced urogenital toxicity in male mice

Hamid Nasri

Announcements

1\textsuperscript{st} International and III\textsuperscript{rd} National Conference on Biotechnology, Bioinformatics and Bioengineering

28 and 29 June 2013, Hotel Udayee International, Tirupati, India

Organized by the Society for Applied Biotechnology (www.sabt.org.in), the topics to be covered in the Conference include, but are not limited to: (1) Biodiversity and Biotechnology, (2) Plant, Food and Agricultural Biotechnology, (3) Animal, Marine and Fisheries Biotechnology, (4) Environmental and Industrial Biotechnology, (5) Pharmaceutical and Medical Biotechnology, (6) Microbial and Analytical Biotechnology, (7) Nanobiotechnology and Nanobioengineering, (8) Genomics, Proteomics and Bioinformatics, (9) Enzyme, Protein and Tissue Engineering, (10) Biochemical and Biomedical Engineering, and (11) Biotechnology Research and Opportunities. For further details, please contact: Dr. Devarajan Thangadurai, Department of Botany, Karnatak University, Dharwad, 580 003, India. Mobile: +91 9482685270/9482685280; E-mail: drthangaduraid@gmail.com; thanga@sabt.org.in or visit website: www.sabt.org.in/conferences.htm

3\textsuperscript{rd} Annual Conference TSICON 2013 and 1\textsuperscript{st} International Conference on Biology of Natural Toxins

19-21 December 2013, BITS Pilani, K K Birla Goa Campus Goa, India

The conference aims to provide a common platform for all researchers, clinicians, students, conservationists and industries working on different aspects of natural toxins of animals, microbes and plant, snake bite management and related environmental issues to discuss their research findings. The conference will consist of plenary sessions, invited lectures, oral and poster presentations. Scientific areas to be covered are (i) Venomics, (ii) Clinical toxicology, (iii) Characterization of natural toxins, (iv) Pharmacology, pharmacokinetics and drug discovery, (v) Anti-venom/Antidotes and Industry, (vi) Ethics in toxin research, and (vii) Conservation of poissonus and venomous species. For details please contact Dr. Dibakar Chakrabarty, Department of Biological Sciences, BITS Pilani K.K Birla Goa Campus, Goa 403 726. Telephone: +91 832 2580173; E-mail: tsicon2013@gmail.com or visit website: http://www.tsicon2013.org/; or Prof. Antony Gomes, Laboratory of Toxinology and Experimental Pharmacodynamics, Department of Physiology, University of Calcutta, 92, A. P. C. Road, Kolkata 700 009. Mobile: +91-9433139031 Fax: 91-033-2351975; E-mail: secretary.tsi@gmail.com