List of Publication of Department of Biotechnology for the year 2013

(*Corresponding author)

2013


31. Biman B. Mandal; Eun-Seok Gil; Bruce Panilaitis; David L. Kaplan. Laminar silk scaffolds for aligned tissue fabrication. *Macromolecular Bioscience*, 2013, 13, 48-58. *(Cover page article)*


49. Das, M.; Prakash, S.; Sundar, S.; **Dubey, V.K***. Miltefosine unresponsive Leishmania donovani has better ability of resist reactive oxygen species. FEBS Journal, 2013, 280, 4807–4815


53. Singh, A.N.; Yadav P.; **Dubey, V.K***. cDNA cloning and molecular modelling of Procerain B, a novel cysteine protease isolated from Calotropis procera. PLOS ONE, 2013, 8(3), [*Corresponding author]


66. Digar Singh, Anita Sharma and **Gurvinder Kaur**. Biochemical and Molecular characterization of the bacterial endophytes from native sugarcane varieties of Himalayan region. *3 Biotech*, 3: 205-212, 2013 (Publisher: Springer)


74. Priyamvada Jain, Babina Chakma (equal 1st author contribution), Sanjukta Patra, and Pranab Goswami*(2013) Potential biomarkers and their applications for rapid and reliable detection of malaria. BioMed Research International (Open access)
95. Gauri Deb, Vijay S Thakur and Sanjay Gupta. Multifaceted role of EZH2 in breast and prostate tumorigenesis: epigenetics and beyond. Epigenetics, 2013, 8(5):464-76. Note: This publication is of Ms Gauri Deb, a PhD scholar in Anil M Limaye lab, who got this publication while she was working in Case Western Reserve University as a Nehru Fulbright Fellow.


118. Deshmukh, R., Trivedi, V* (2013) Methemoglobin exposure produces toxicological effects in macrophages due to multiple ROS spike induced apoptosis. Toxicology in Vitro, 27: 16-23. [Corresponding Author]


121. Balaji, SN and Trivedi, V* (2013) Mechanism based suicidal inactivation of methemoglobin protects oxidative stress induced RBC lysis: Role of thyl radicals of NAC in antioxidant potentials. Current Molecular Medicine, 13 (6), 1000-1009. [Corresponding Author]

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125. Manu S, Rohitas Deshmukh, KMN Prasad and Trivedi, V* (2013) Screening and Characterization of Antimalarial Heme Polymerase Inhibitors From Dietary Garlic Cloves. European journal of medicinal plants, 3(3) 474-484. [Corresponding Author].


