In this issue

Research Article

Open Access Research Article PTZAID:ATTE-4-109

Distribution and interactions of priority heavy metals with some antioxidant micronutrients in inhabitants of a lead-zinc mining community of ebonyi state, Nigeria

Published On: June 15, 2020 | Pages: 011 - 017

Author(s): Bello H Tilako, Sylvester O Ogbodo*, Innocent N Okonkwo, Imelda N Nubila, Irene L Shuneba, Enyinna Ogbonna, Saidi Odoma, Rebecca M Gali, Bassey E Bassey and Elvis N Shu

Background: Human exposure to xenobiotics, especially priority heavy metals (lead, cadmium, arsenic, mercury and chromium), is unavoidable because of their involvement in industrial applications, accumulation in the environment over time and non-biodegradability. Unfortunately, they induce unprecedented biochemical and pathological changes on those exposed to them, ca ...

Abstract View Full Article View DOI: 10.17352/atte.000009

Open Access Research Article PTZAID:ATTE-4-107

Cytotoxic mechanism of Bothrops jararaca venom mediated by mitochondrial depolarization

Published On: March 17, 2020 | Pages: 001 - 008

Author(s): Ana Moira Morás, Luiza Steffens, Bruna Eliza Nordio, Jenifer Saffi, Eliane Dallegrave, Luciana Grazziotin Rossato-Grando and Dinara Jaqueline Moura*

Background: Snake venoms are natural sources of proteins and peptides with several biological activities. Therefore, this study aimed to evaluate the in vitro toxicity of crude Bothrops jararaca (B. jararaca) venom on different human tumor cells and investigate its action mechanism. Material and methods: The crude venom from B. jararaca was provided by State Foundat ...

Abstract View Full Article View DOI: 10.17352/atte.000007

Short Communication

Open Access Short Communication PTZAID:ATTE-4-108

Infertility among iron industry workers

Published On: March 19, 2020 | Pages: 009 - 010

Author(s): Zorawar Singh*

Occupational exposures in different industries may pose serious health impacts. A number of epidemiological studies have focused on the association of occupational exposures and adverse health effects. The need of the hour is to focus on the reproductive health of workers engaged at different jobs in varied industries. Increasing environmental as well as occupational ...

Abstract View Full Article View DOI: 10.17352/atte.000008