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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

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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

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Cytotoxic mechanism of Bothrops jararaca venom mediated by mitochondrial depolarization

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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 ...

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Infertility among iron industry workers

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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 ...

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