

**O – 01 Insoluble Ni Compounds Induce Chromosomal Aberrations, Gene Amplification/Gene Silencing, Global Disruption of Gene Expression, and Morphological/Neoplastic Transformation of 10t1/2 Mouse Embryo Cells**

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**O – 02 The Protective Mechanism of Plants Immunomodulators in Cadmium-Induced Toxicity *in Vivo***

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**O – 03 Flavomannin-6,6'-Dimethylether from *Tricholoma Equestre*: Purification and Mechanisms of Action in Human Cells Lines**

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**O – 04 Studies of Reactive Oxygen Species including “Singlet Oxygen” as a Therapeutic and Disinfecting Agent**

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**O – 05 Mdr/Mxr Induction by Manganese Exposure: Health Implications due to Acquired Resistance not Induced by Pharmaceuticals**

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**O – 06 Differential Metabolism of the Environmental Toxicant, Benzo(A)Pyrene by Subcellular Fractions of Human Ovary**

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**O – 07 Relevance of Metals in the Initiation of Cardiovascular Diseases**

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**O – 08 Agro-Pesticides Use in Cameroon and their Effect on Male Reproductive Function a Case Study in Djutitsa**

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**O – 09 Influence of Environmental Exposure on Health Disparities**

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**O – 10 Nanomaterial Based Nset Optical Ruler for Environmental Toxin Sensing: Promises and Challenges**

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**O – 11 Application of Nanoliposomes and Nanoparticles in Rhenium - Platinum Antitumor System**

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**O – 12 Application of Qsar Technique to Prediction of Properties and Activities for Selected Nanomaterials**

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**O – 13 Soot Generated During Metallofullerene Nanomaterial Synthesis Adversely Affects Terrestrial Invertebrates in a Ph-Dependent Manner**

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**O - 14 Comparative Clastogenic Study of Functionalized and Non-Functionalized Multi-Walled Carbon Nanotube in Bone Marrow Cells of Swiss-Webster Mice**

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**O - 15 Wetlands Assimilation of Treated Domestic Sewage for Ecological Restoration and Storm Surge Protection - Public Health Aspects**

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**O - 16 Simulation of Atmospheric Dispersion Characteristics for Ozone and Particulate Matter Over the Mississippi Gulf Coast Region During Contrasting Months of May and October**

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**O - 17 Detecting and Removing Depleted Uranium Munitions Contamination in Soil**

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**O - 18 Emissions of Atmospheric Pollutants from Fires and Air Quality Forecasting Based on Real-Time Satellite Data**

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**O - 19 Transport and Fate of Zinc Present in Soil, Ground Water And Plants in the Areas Surrounding the Zinc Smelter**

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- O - 20 L1 Elements as a Source of Environmentally Sensitive Genetic Instability**  
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- O - 21 The Receptor for Environmental Poly Aromatic Hydrocarbons Mediates Human Breast Cancer Progression**  
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- O - 22 Oral Cancer: Indian Public Health Scenario & Tissue/Serum Markers**  
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- O - 23 Role of Mitochondrial Transcription Factor A (MTTFA) in Arsenic-Induced Cell Proliferation and DNA Damage in Human Prostate Epithelial Cells**  
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- O - 24 The Toxicity of Heavy Metals and Chelation Safeguard of Herbal Medicinal Products**  
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- O - 25 Epigenetics in Environmental Health**  
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- O - 26 Sex Differences in the Response to Pah and Risk of Lung Cancer**  
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**O – 27 Hypoxia and Acidosis Independently Regulate Cell Immortality in Cancer Cell**

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**O – 28 An Overview of the Possible Role of Selenium in the Chemoprevention of Carcinogenesis for TNT- Exposed Workers**

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**O – 29 Potential Mechanisms of Action of Water Soluble Garlic Extract (WSGE) in the Management of Acute Promyelocytic Leukemia**

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**O – 30 Strategies for Proteomic Profiling of Cancer Specimens and Plasma in Mouse Models of Human Cancers: Identification of Novel Alternative Splice Isoforms as a New Class of Biomarker Candidates**

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**O – 31 Soil: The Essence of Medical Geology**

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**O – 32 Lead Contamination in Uruguay – An Ecohealth Approach**

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**O – 33 Developing Medical Geology in Uruguay**

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**O – 34 Recycling of Lead and Human Exposure in Brazil**

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**O – 35 An Overview of Contamination of the Conchos River in Mexico: Does it Pose a Risk to the Health of Local Residents?**

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**O – 36 Estimation of Mold Spore Levels Using Ground Meteorological and Remote Sensing Data**

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**O - 37 Meteorological Conditions Affecting Airborne Fungal Spore Bursts During Winter and Summer 2007-2008 in Central Mississippi**

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**O – 38 Using GIS in Ecological Management: Green Assessment of the Impacts of Petroleum Activities in the State of Texas**

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**O – 39 Estrogen Receptor Co-Peptide Binding Studies Using the MM-PBSA Method**

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**O – 40 Investigations of Aconitum and Delphinium Alkaloids of Curare-Like Activity. QSAR and Computer Modeling Studies of Alkaloids Binding To AChBP**

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**O – 41 Reproductive Challenges for Female Sickle Cell Patients on Hydroxyurea**

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**O - 42 Effect of Smoking on Spirometry of African Americans and Caucasians**

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**O - 43 Primary Health Care Re-Visited: Using Social Determinants of Health to Address Health Disparities and Inequities in the African Region**

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**O - 44 Chemopreventive Intervention in Chemically-Induced Carcinogenesis in Sub-Saharan Africa**

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**O – 45 Risk Factors for Transmission of HIV in a Hospital Environment: Does Knowledge Equal Implementation?**

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**O - 46 Season of Birth and Risk for Adult Gliomas: The Upper Midwest Health Study**

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**O – 47 Medical and Economic Model to Assess the Effect of Poor Glycemic Control of Persons with Diabetes Mellitus**

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**O – 48 Effects of Native Banana Resistant Starch on Body Weight and Insulin Resistance in Obese Type 2 Diabetics**

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