

3rd International Conference & Exhibition on **Biometrics & Biostatistics**

October 20-21, 2014 DoubleTree by Hilton Baltimore - BWI Airport, USA

Impacts of the environmental pollutant interaction with public health

Ayoub A Bazzaz

University of Kerkuk, Iraq

Over the last four decades there has been an increasing global concern over the public health impacts attributed to the environmental pollution. Human exposure to pollutants is believed to be more intense now than at any other time in human existence. The influence of pollution to health of mankind is getting so serious according to the National Ambient Air Quality Standards (NAAQS) and WHO annual reports. Increase in industrialization, improvement in the quality of the life, rising demands for energy and motor vehicles are the most worsening causes for air pollution beside the recent wars. Persistent organic pollutants (POPs) can resist to environmental degradation through chemical, biological, and photolytic processes. Accordingly, they have been capable of long-range transport, bioaccumulate in human and animal tissue, biomagnify in food chains, and to have potential impacts on the environment and human health. The consequence of pollution had led to global warming, ground level ozone, changes in natural climates, had increase in cancer incidence, heart diseases, cardiopulmonary diseases which all have gone out of hand. In both industrialized and developed countries the human and their livestock do suffer a big deal of toxic effects than in none-developed countries. Mediterranean countries involved in wars had undergone an intensive damage to the quality of life due to use of chemical weapons including depleted uranium. Giant companies continue spillage of their industrial leftover to pollute air, aquatic life, and territorial lands. Some official published numerical data of damages on human health are horrendous in damaging the lungs, skin, blood, nerves, memory, children mortality, morbidity, psychological damages and congenital abnormal birth. Accordingly, the international pollution has completely gone out of control of the humanitarian organizations while public ignorance, national and international interests seem to be accused for some serious pollution to mankind.

Biography

Ayoub A Bazzaz has completed MSc and PhD from Liverpool and Nottingham University, UK. He has 10 years of Postdoctoral research work experience at British Universities and has over 40 published papers in international journals. Currently, he is Professor of Histology at Kerkuk University in Iraq. His research interest is within the study of the impact of chemicals on various animal tissues.

ayoubbazzaz@yahoo.co.uk