

## Editorial on Toxicology and Human Health

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### EDITORIAL

The clinical effects of environmental toxicants on living organisms through collecting and evaluating and identifying the scientific data and the ways of recognition and diagnosis. Human and health toxicology explains about the adverse effects caused to the body by xenobiotic substances. Xenobiotic substance contains a huge range of disciplines such as Organ systems toxicity, lung toxicology etc.

Various pharmaceutical drugs which effect drastic poisonings, emergencies such as accidental poisoning; suicidal attempts are studied under human toxicology. Several analytical toxicological principles are implemented in these techniques like gas chromatography, high performance liquid chromatography; thin layer chromatography different kinds of extractions are employed for these studies.

Health Toxicology deals with the identification of potential health hazards related to the exposure to different chemicals and biological agents, their identification, assessment and steps to curtail them.

It's the toxicological science which deals with the structure function relationship, human and health ways of the chemicals such as PCBs etc. Other draw up elements in human nutrition and health are also evaluated.

Pesticides are substances which are meant for controlling pests. Pesticides are classified on the basis of biological mechanism function or application method. The term pesticide includes all of the following: herbicide, insecticides (which may include insect growth regulators, termiticide de, molluscicide, piscicide, avicide, rodenticide, bactericide, insect repellent ,animal repellent and fungicide Pesticides also plays a crucial role as a substance that is used to modify a plant's growth (regulator), drop a plant's leaves prematurely (defoliant), or act as a drying agent (desiccant).

Biological agents mainly includes bacteria, viruses, fungi, other microorganisms and their correlated toxins biological agents have a ubiquitous presence in the environment and are found in many sectors.

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