



Conference Abstract

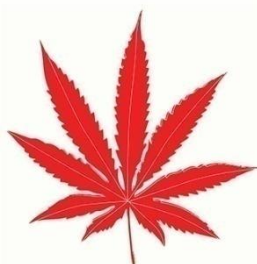
http://dx.doi.org/10.21065/AdvFoodNutriSci.5.2.2020

10th Pak Pharma & Healthcare Expo

International Conference on Pharma, Food & Healthcare

Tuesday –Thursday, February 11-13, 2020

Expo Center, Lahore, Pakistan.



Corresponding author:

Emal Khaliq Institute of Food
Science and Nutrition, University of
Sargodha-Sargodha Pakistan.
P: 03011667117
E: emalkhaliq09@gmail.com

Citation:

Emal Khaliq, Sarfraz Hussain,
Muhammad Nadeem, Shahid
Mehmood, Anjum Murtaza,
Tehreem Sarwar, Amal
Shaukat, Plant toxins and its
harmful effects on health
.adv food nutr sci.
Volume.1.2020p.01-02

Funding:

The authors received no direct
funding for this research.

Competing Interests:

The authors declare no competing
interest's

Additional information is available
at the end of the article.

Conference Abstract

PLANT TOXINS AND ITS HARMFUL EFFECTS ON HEALTH

Emal Khaliq, Sarfraz Hussain, Muhammad Nadeem, Shahid Mehmood, Anjum Murtaza,
Tehreem Sarwar, Amal Shaukat

Institute of Food Science and Nutrition, University of Sargodha-Sargodha Pakistan

ABSTRACT

Natural grown toxins of plants are generally found present in vegetable and fruits which are common sources of food. They are considered among the interior supplement or product produced by the plants to restrain themselves by getting any harm by fungi, predators, bacteria and viruses. Usually because of phytochemicals which aids in medicinal purposes plants are given special consideration for it. Few of these Phyto-substances produced possess many toxic things which are dangerous, taking an example of extracellular toxins of bacteria affecting human health. Degree of toxicity may depend on soil type, climate factors, variety of plant, dose of part ingested. Metabolites which are harming to human health may classified as alkaloids, proteins, glucosides etc. This toxicity produced by plants can pass to the body through inhaling, swallowing or either by contacting. They take part of action by following mechanisms like including transporters, enzymes also even genetic material in specified tissues and cells. Plants which are poisonous having roots, seeds, leaves juice and fruit in which even a minute quantity taken might can affect human body. Substances which are dangerous reach in highest concentration in body due to lower weight of human structure.

Keywords: Phyto-substances, Metabolites, transporters, enzymes, alkaloids, glucosides