

NEW ALTERNATIVE NUTRITION SUGGESTED FROM HERBAL PLANT ROOTS, PART II

Alaa J.Mahrath , Sulman Mohammad , Samir Swadi

Biochemistry , Pharmacology ,Physiology Department College of Medicine

Babylon University

Abstract :

It's well known that population explosion the hall world ,and especially in Arab world were the reason behind the great raises in the processed and natural food ,like livestock , wealth plant etc. Therefore this application a trial to prove alternative nutrition for human in difficult conditions specially in natural disaster and wars . the application included many stages .

First stage; water extraction from Herbal plant and calculate their concentration. Second stage ; determination the composition extract qualitatively like carbohydrate , protein, Fats and minerals by Biochemical methods. Third stage ; applied a specific dose extract on animal lab (rodent)rats though out three groups for six weeks and studies the psychological behaviors like general appearance , sensorimotor behavior immobility and its reflexes , locomotion, skilled movement, and species-specific behaviors.

Fourth stage : Blood test ,as glucose level ,lipid profile tests , kidney functions tests .Final stage : Histopathology Tests for Kidney ,Liver and Intestine.

All the Biochemical results showed within normal values with no any significant changes . This gave the extract the power and ability to be one of the good supplement product for the near future .

Key words : Nutrition , Alternative foods , Herbal Plant .

