

Nutrition Bio-Shield Superfood: Healthy and Live Herbal Supplement for Immune System Enhancement

Authors : Azam Bayat, Aref Khalkhali, Ali Reza Mahjoub

Abstract : Healthy and viable herbal supplement were prepared from wheat by a green route. This organic biomaterial was named Nutrition Bio-shield Superfood (NBS). The NBS supplement had various vitamins, macro and micro molecules, and ingredients. In this study, 20 small Balb/C labile specimens were used in a weighing 30 ± 5 range. The samples were randomly divided into different groups, then the groups were divided into 5 groups. According to the results of this study, the mean number of white blood cells and neutrophil percentage in the experimental group receiving healthy and live dietary supplement showed a significant increase at the 5% probability level in all three groups received 50, 100 and 150 mg/ kg body weight of the mouse compared to the control group. In general, the dietary supplement increases the level of immunity.

Keywords : healthy and live herbal supplement, biomaterial, immune system, enhancement

Conference Title : ICBEB 2024 : International Conference on Biochemical Engineering and Bioengineering

Conference Location : Toronto, Canada

Conference Dates : June 13-14, 2024