

A new era in the treatment of tumor and viral infections with insect extracts. New possibilities of rising human longevity

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Abstract: We found the presence of large amounts of protein in pupae, larvae and eggs of Lepidoptera, Coleoptera and Diptera. In biological active substances (BASa), proteins constitute up to 75%, more than in any other organisms. The proteins are the main components of insect tissues in all stages of development of insects. The structure of protein modifies at every three hours. Such processes are specific only to insects that have four stages of development: egg, larva, pupa and adult (imago).

There is too little information on the molecular structure of the insect tissues and in particular proteins. Unlike other living organisms, insects have a specific structure. For the first time we discovered the presence of the caffeic acid (polyphenolic carboxides) in the component of eggs, larvae and pupae of *Limantria dispar*, (Lepidoptera) which are inhibitors of tumor and viral formations. In insects, biological active substances exist in high concentrations in contrast with vegetables. The analyses we made with the help of electrophoresis demonstrated the presence of a protein fraction with a very small weight - 3-5 kDa, and it is situated in the lowest possible area in the electrophoreses cells. (Fig. 15-18).

Key words: d caffeic acid, *Lymantria dispar*, proteins, biological active substances, polyphenols, carboxyl acids.

Introduction

One of the biggest problems of human kind is realizing? that the high number of desisted people is caused by viral infections and tumors. In the present days these affections are considered to be not treatable. Until now we are looking for measures to protect ourselves from tumors and viral infections. The treatment measures we all know are: biostatics, interferon's made in the chemical synthesis but all those are harmful to the human body. Often the existing methods lead to patience's losing their life in much pain. Here it is an idea: utilizing the tissue of insects in the process of stopping the evolution of tumors and viral infections. The idea came after the researchers spent years looking at the insect's morphogenesis, infecting them with viral infections so they can disappear without hurting the human being (eliminating the chemical insecticides). The adjustment