

THE INVESTIGATION OF BIOLOGICALLY ACTIVE ADDITIVES IN THE PHARMACEUTICAL MARKET OF UKRAINE

Naumenko L. S.

Scientific supervisor: assoc. professor Kazakov G. P.

National University of Pharmacy, Kharkiv, Ukraine

naumenko.lyuba@list.ru

Introduction. In modern ecological, economical and social situation the questions of people's health diseases prevention, their cure and treatment and right (proper) balanced nutrition have great importance. Based on these, the main criteria to biologically active additives (BAA) must be: the effectiveness and safety. They must standardize the physiological processes, which are the basis of human's vitality. They must also prevent and remove the xenophobiks action and malnutrition, which suppress protective mechanisms.

Aim. Research the investigation of biologically active additives in the pharmaceutical market of Ukraine.

Materials and methods. The figures in Ukraine, the acting legal texts, the experience of toxicologist have been chosen as the object of investigations. Such methods of investigation have been used us: analytical, statistical, system review, grouping and online information.

Results and discussion. Nowadays there are nearly 3000 BBA. About 600 names are presented in the Ukraine market, which have different biological action and have diverse dosage forms. It has been known that vegetable raw material may contain from 10 to several hundreds of chemical compounds and admixtures of relative structural components. The standardization of which is difficult because of many reasons. As to experts estimations there are about 90% of counterfeiting BAA in market. This figure in Ukraine constitutes 40-45%. Quite often personnel of investigating agencies and citizens resort to Ukraine Department of Justice for solving questions about quantitative and qualitative BAA composition. They also ask to refer BAA to strong – effective medicines, which may be injurious to people's health after intake; (for example, deterioration and loss of sight, deterioration of the work of gastrointestinal tract, pain in liver and kidneys). Unfortunately such investigations can't be performed in juridical – and – expert of Ukrainian Department of Justice, because of absence of combined scientifically – developed methods of investigation and lack of legal against to BBA. According to toxicologist's opinion, the most cases of therapeutic effects absence, intoxications and poisoning unknown, because there isn't proper statistics and victims quite often don't consult a physician.

Conclusions. The Associations of BBA manufactures suggest such precautions as protection marks, line – codes and others. However to our mind it can't change the situation, because of previously described reasons. Resolute actions of (from) the state are necessary for this problem solving.