

Relevance of the creation of medicinal syrup of anti-allergic action

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The incidence of allergic diseases in the 21st century has reached epidemic proportions, increasing every 10 years by 2–3 times. Today, allergic pathology is one of the six most common human diseases.

These data indicate that the problem of allergic diseases in Ukraine is not only of medical, but also social importance.

It should be noted that the use of pharmaceuticals for the treatment of allergy symptoms should be considered and justified. Active pharmaceutical ingredients that are part of antihistamines have a large number of side effects and are not always safe for the patient's body.

Therefore, especially in our time, extremely relevant is the use of herbal medicines. The variety of conditions that can affect the health of the population determines the relevance of research aimed at creating safer pharmaceuticals for allergies, which will include plant substances.

Therefore, the work aimed to develop the composition and technology of a complex medicinal syrup with antihistamine action based on plant components.

The advantage of it will be the presence of a wide range of pharmacological activities, low toxicity, and the absence of adverse reactions with its prolonged use.

As active pharmaceutical ingredients, we have chosen dry extract of *Knautia arvensis*, which is characteristic of detoxification, antiseptic, anti-inflammatory and dermatonic effects and *Urtica urens*, which cleanses the blood and normalizes the immune system.