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**ANALYSIS OF PHYTOIMMUNOSTIMULANTS
IN THE UKRAINIAN PHARMACEUTICAL MARKET IN 2016**

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Introduction. Immune system performs protective functions and prevents the emergence of infectious, allergic and other diseases. The development of science and technology, environmental degradation, increased stress have negatively impact on the immune system. This requires pharmacologic correction of immunodeficits. Meeting the needs of doctors and patients in immunotropic phytomedications depends on their assortment in the pharmaceutical market and affordability.

Aim. Analysis of phytoimmunostimulants that are registered in Ukraine for justification of development of new drugs of plant origin with immunostimulative effect.

Materials and methods. Analysis of phytoimmunostimulants assortment in Ukrainian pharmaceutical market in 2016 year.

Results and discussion. Immunostimulators of plant origin in Ukrainian pharmaceutical market are presented by 43 trade names (TN). They belong to 4 pharmacotherapeutic groups. The biggest group is phytomedications with Echinacea. 25 TNs of monodrugs of echinacea are registered. Domestic drugs constitute 76%. The majority combinations that contain Echinacea and other herbs are domestic productions (67%). Range of average retail price per one package ranges from 5.30 to 410.10 UAH.

The majority TNs of phytoimmunostimulators (70%) in Ukrainian pharmaceutical market in 2016 year are liquid forms: tinctures and extracts - 45%. drops for internal use - 15%, syrups - 10%. Solid dosage forms of phytoimmunostimulators compile 28%, of which tablets - 20%.

Conclusions. 43 TNs of phytoimmunostimulants are presented in Ukrainian pharmaceutical market, mostly domestic production. The biggest group is phytomedications of Echinacea.

Range of the average retail price for the package of the medicinal product is various. This indicates the possibility of doctor and patient to choose the drug, taking into account the efficacy, safety and affordability.

Most TNs of plant immunostimulants in Ukrainian pharmaceutical market is in liquid form, that is less compliant than solid dosage forms. Therefore, further research and scientific developments should be aimed at creating more compliant drug forms (tablets and capsules).