

# ESTIMATION OF HYPERSENSITIVENESS OF CHILD'S ORGANISM TO THE ALLERGENS FOR THE HABITANTS OF INDUSTRIAL REGION

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**Summary.** *Sensitization to allergens was studied in 325 children (199 children from Zaporozhye and 126 children from less polluted areas of Zaporozhye region) between the ages of 6 to 17 years. The main regional etiologic factors of allergic diseases in children in Zaporozhye are food, plant, fungal, epidermal, birch allergens, allergy to chemicals. Causative allergens in children is house dust mites, fungi, allergens to chemical substances. Sensitization to allergens of children has been implemented, of course, under the influence of certain environmental factors, living conditions, which allows to improve the diagnosis of allergic diseases in children, to conduct tailor-made therapy, primary, secondary and tertiary prevention of disease.*

**Key words:** *allergic diseases, hypersensitiveness, allergens, children.*