

# THE VALUE OF LABORATORY DIAGNOSIS FOR THE DIFFERENTIAL APPROACH TO ESTABLISH THE ETIOLOGY OF ALLERGIC DISEASES IN PULMONOLOGY

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**Summary.** *Establishing the etiology of allergic disease is to identify the specific causes – allergens that cause the development of symptoms. Laboratory diagnosis of allergic disease should assist the clinician in establishing the etiology of the disease, its pathogenic characteristics, including the nature and extent of immune disorders and other body systems. The main allergenic nosologies in pulmonology are considered a disease of allergic origin, mainly affecting the broncho-pulmonary system. These include: asthma, hay fever, allergic bronchopulmonary aspergillosis, a syndrome of Loeffler's, syndrome of Stewart–Seltzer–Anta, tropical eosinophilia, polyarteritis nodosa, exogenous allergic alveolitis, Heiner syndrome.*

**Key words:** *allergic diseases, allergen, the allergen components, mediators of allergic reaction.*