

KINGA MAZURKIEWICZ-ZAPAŁOWICZ, ALEKSANDRA GOLIANEK, MARIA WOLSKA

*Department of Hydrobiology, Ichthyology and Biotechnology of Reproduction, Westpomeranian University of Technology in Szczecin, K.
Królewicza 4, 71-550 Szczecin, E-mail: kmazurkiewicz@zut.edu.pl*

ALLERGENIC FUNGI IN BIOAEROSOL

Summary

Mycological pollution is presently the least known component of bioaerosol. Sources, species composition and factors determining occurrence of the mycological pollution of outdoor and indoor environments are described, as well as genera of the most common allergenic fungi of the bioaerosol: *Alternaria*, *Aspergillus*, *Cladosporium*, *Penicillium* and yeast genera: *Saccharomyces* and *Candida*. Location and a biochemical activity of fungal allergens are presented, including the allergenic activity of mycotoxins and of volatile organic compounds. Sources and symptoms of inhaled and ingested mycoallergies are also characterized.