

THE RESULTS OF THE ANTIOXIDANT TREATMENT IN PREVENTION OF PRESBIACUSIS

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In humans, the inner ear hair cells develop during the first pregnancy trimester and should survive the individual's whole life. Because the loss of the auditory cells is irreversible in mammals, the therapeutic efforts are targeted to prevent their loss or to a way to generate new cochlear hair cells to replace the lost ones. The paper presents the efficiency of the antioxidants (comparing the association of vitamins A, C, E and Selenium to alpha-lipoic acid and control group) in the prevention of presbiacusis.