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LETTER TO THE EDITOR

Gene expressions and mutation analysis in schizophrenia

Şizofrenide gen ifadeleri ve mutasyon analizleri

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To the Editor;

We read with interest the article titled "CYB mtDNA mutations and the expression status of genes in the PI3K/AKT/mTOR signaling pathway in patients with schizophrenia" published in Cukurova Medical Journal by Dirican et al[1].

In this study, CYB mtDNA mutation frequency and PIK3CA, AKTI, mTORmRNA expression levels were found to be higher in schizophrenia patients compared to healthy individuals. Currently, gene association with many diseases are known and thus new treatments are development[2,3].

When the demographic characteristics of the study were examined, 52.27% of the schizophrenia patients were smokers. Smoking disrupts the mitochondrial DNA structure and gene secretion[4].We think that it would be appropriate to mention this in the discussion part of this study.

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