

Conference Abstract

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Conference Abstract

INVESTIGATING THE POTENTIAL OF HONEY AND CURCUMIN AS NUTRACEUTICAL

Muhammad Naveed Sheas, Khubaib Ali, Waseem Safdar, Muhammad Rizwan Tariq

Department of Diet and Nutritional Sciences, University of Lahore, Islamabad Campus, Islamabad.

Corresponding author:
Muhammad Rizwan Tariq.
Department of Diet and Nutritional
Sciences, University of Lahore,
Islamabad Campus, Islamabad.
E:Muhammad.tariq@dnsc.uol.edu.
pk

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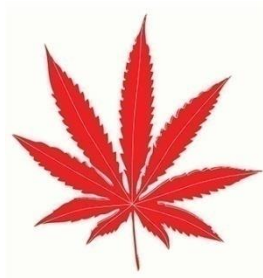
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ABSTRACT

Depression is frontrunner causative agent of disability in major populations. WHO has stated that depression now standing at 4th place will be the 2nd most cause of the disability in world by 2020. Pakistan is not an exception with 25-72 % prevalence in women and 10-44 % in men. Honey and curcumin are considered functional food because both can play an active role in reduction of depression. This study is designed to reveal the efficacy of honey and curcumin against depression in rat model. 24 male wister rats were randomly divided into 4 groups. After the trial, blood biochemistry was done in which antioxidant enzymes like SOD, Catalyze, Glutathione peroxidase were performed that shows significantly high levels in the blood than the group that was treated with nicotine and shows a positive correlation with the days at which the rats groups were given a supplemented feed. Total antioxidant capacity and antioxidative stress shows significant results by the selected treatment.



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