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## Relationship between Aggressiveness and Temperamental Characteristics

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Aggression is significant problem of modern society. Its development mechanisms are not clear to date. We studied relationship between aggressiveness index and extraversion, neuroticism and anxiety levels. The study involved 100 young men aged 18 to 22 years. Aggressiveness index, anxiety, extraversion and neuroticism levels were estimated using Buss-Durkee Hostility Inventory, Spielberger State-Trait Anxiety Inventory, Eysenck Personality Inventory. No correlation between extraversion degree and aggressiveness index was observed in total group. Negative significant correlation between parameters was revealed in men with middle extraversion and positive correlation was found in introverts. In last group it is insignificant because of a few introverts. Positive significant correlation was observed between aggressiveness index and neuroticism level in total group. It is absent in introverts and men with middle extraversion level and exists in extraverts. No correlation between aggressiveness index and anxiety was found in whole group. Positive correlation between aggression index and anxiety in men with high anxiety and negative correlation between parameters in men with low anxiety were revealed. In last group correlation was insignificant due to a few men with low anxiety level. In men with moderate anxiety no correlation between aggression index and anxiety was observed. Negative significant correlation between extraversion and anxiety was found in total group. We believed, that combination of low anxiety with high extraversion level and middle or high levels of neuroticism indicates predisposition of person to controlled aggression, and combination of high anxiety with moderate extraversion and high neuroticism indicates predisposition of person to impulsive aggression.

### Biography

Liudmyla D. Popova has PhD degree, degree of doctor of biology sciences, the title of Biochemistry Department Professor. She is presently Biochemistry Department professor in Kharkiv National Medical University, Ukraine. Oxana A. Nakonechnaya has PhD degree, degree of doctor of medicine, the title of Biochemistry Department Professor. She is presently Head of Biochemistry Department in Kharkiv National Medical University, Ukraine. Irina M. Vasylyeva has PhD degree. She is presently Biochemistry Department assistant in Kharkiv National Medical University.

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