The role of serotonin in neurobiology of aggression

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Aggression is a wide concept, with many meanings and definitions leading to difficulties in its study. There is a variety of approaches in the study of this intriguing form of human behaviour. The main research findings are presented. The paper discusses the definitions and classification of aggression. It mentions the research findings on the genetics and the environmental factors on aggression. Reviews the evidence on the existence or not of an "aggression center" in the brain, and discusses the interaction between brain structures and neurotransmitters. It concentrates specifically on the research of the neurotransmitters and neurohormones on human studies. It reviews the findings on the relationship between aggression and the neurotransmitters (adrenaline and noradrenaline). It also reviews the evidence of a link between aggression and specific neurohormones, namely testosterone, cortisol, vasopressin (AVP), as well as the relationship between aggression, self damaging behaviour and cholesterol.

Keywords: aggression, neurotransmitters, neurohormones.

БІБЛІОГРАФІЯ


