

**THE BIOCHEMICAL BLOOD ANALYSIS
AND THE CHRONIC STRESS**

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Transport of substances occurs through blood and is carried out humoral interaction of bodies with each other. Each blood drop contains the information on everything that occurs in soma.

For interpretation of this information the biochemical analysis of blood - laboratory method of research serves which is used in physiology and medicine. It allows to understand, the condition internal bodies and effectively they functions. The received data by the Russian and foreign scientists convincingly testify to negative influence psychological and emotional stresses to the biochemical structure of blood practically on all parameters.

At the chronic stress psychosomatic pathology besides precisely expressed vegetative infringements the large changes in biochemical parameters of blood are revealed: increase density blood, change hormone balance (increase ACTH, STH, TTH, glucocorticoids, catecholamine, thyroid gland hormones and insulin). The disbalance of glucose, cholesterol, triglyceride accrues, the whey ionogramme (Na, K, Ca, Mg, Cl) varies in blood. As a result the influence long kept of psychological and emotional stress occur histamine, catecholamine, serotonin in blood. Cortisol, lactic, pyruvic, alanine aminotransferase, aspartate aminotransferase, antioxidizing activity, alpha-tocopherol,

malondialdehyde, dien conjugate parameters change sharply.

On the data of our researches in the biochemical analysis of blood there is no change of parameters leaving for normal intervals at the chronic stress. But their deviation from an average level is an attribute of vegetative balance infringement and threat of occurrence psychosomatic diseases.

The problem demands the further consideration. The acknowledgement of the practical conclusions is estimation criterion of the homeostasis regulation at the chronic stress. It is important for the early diagnostics opportunity of the dysfunction and it is urgent as the method showing efficiency of chosen treatment.

The work was submitted to international scientific conference «Basic Research», Israel, April, 10-17, 2010. Received by editorial office on 14.02.2010.

**A MELATONIN IMPACT UPON THE PLATELET
LINK OF HEMOSTASIS**

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Nowadays problems of direct impact of melatonin upon the nervous, endocrine, immune system activity as well as the state of hemostasis either in normal or in pathological condition are being widely discussed. This survey is supposed to study the impact of the melatonin medicine "Melaxen" on the platelet link of hemostasis in the experimental conditions. The test was carried out