

Biological and clinical aspect of anticarcinogenic/onco-protector low molecular bio-regulator

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According to the international statistical data, in patients, ill with Schizophrenia, minimal indexes of oncological diseases are fixed. In small group of people, ill with oncological and disease Schizophrenia, there is a reasonable doubt about the accuracy of Schizophrenia diagnosis in the particular case and more seldom the doubt is about the accuracy of oncological diagnosis. The fact is obvious: there is no or rare malignant tumor where there is a Schizophrenia diagnosis. Long-term scientific research showed a very interesting parallel: in patients, ill with Schizophrenia, the concentration of hormone Melatonin is substantially increased, where as in case oncological diseases Melatonin level is substantially reduced. Moreover, Melatonin has a strong (and also with several mechanisms) anticarcinogenic onco-protector and gene protector activity. Studying effects of Melatonin in patient, ill with Schizophrenia and malignant tumors, couldn't give ultimate answer (for the reason of absence of factual substances) to the question "Why is there a low index of tumor diseases in patients, ill with Schizophrenia". There is a stronger substance with anti-blastomic activity, which is found in blood plasma of people, ill with Schizophrenia. The latest information was factually proved by us by means of the series of gradual experiments. (We assessed the results of the study by means of fluorescent microscopic and ATP TCA based on chemo-sensitivity investigation methods.)

1. Proliferation activity of cancer cells in the blood plasma of patients, ill with Schizophrenia is strongly suppressed. Moreover, the quality of "Contact brake" phenomenon is restored.
2. The substance in the blood plasma, left after albumin removing in patients, ill with Schizophrenia, maintains the same characteristics of antitumor activity i.e. albumin is not the substance to search.
3. The Centrifugation of blood plasma of patients, ill with Schizophrenia, more than 50 000 X G plasma components keep the same anti-blastomic effects, as the initial blood plasma. Hence from the above, we can conclude that the substance to investigate is the low-molecular bio-regulator. It can be a product of certain amino-acids or the substance of similar molecular mass.

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