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The cause of cancer from the point of view of the New Theory of CVD

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This report discusses new data on the mechanism of cancer. In fact, these materials form the basis of the old cancer theory proclaimed by the German scientist Otto Warburg about 100 years ago. In 1931, the theory that cancer occurs as a result of an energy metabolism disorder won the Nobel prize for Germany scientist. Back in 1924, Warburg found out that healthy cells generate energy due to the oxidative decomposition of organic acids in mitochondria, and tumor and cancer cells, on the contrary, receive energy through the non-oxidative decomposition of glucose. The transition to an oxygen-free energy method, according to Warburg, leads to the Autonomous uncontrolled existence of the cell: it begins to behave as an independent organism, striving for reproduction. On the basis of this discovery, scientists have suggested that

cancer can be regarded as a mitochondrial disease. However, a clear and detailed biochemical justification of the theory for about 80 years was absent. Therefore, for many years, not all researchers have followed this theory, there were other opinions on the mechanism and etiology of cancer. And in 2008, staff members from Boston College and Washington University School of Medicine, USA, have received new evidence to support the theory of Otto Warburg on the origin of cancer [1-6]. So, biochemical justification appeared, but still, the official medicine in the last 10 years did not consider this theory clear and complete. The problem proved more complex. Oncologists, still, were not guided by this theory as the main and only.

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