
Development of the Ancient Ideas of Blood and Air in the Works of A.L. Chizhevsky

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The paper considers the phases of investigating the system “air – blood” in the life of the organism. The analysis is focused on the contribution of Galen (II century), W. Harvey (XVII century) and A.L. Chizhevskiy (XX century), who combined substrate and formal mathematical approaches. Based on ideas of the unity of the world and synthesis of knowledge Chizhevskiy laid the foundations for heliobiology, electrohemodynamics, electron medicine and methodology of the medicine of the XXI century. His works contain important potential for the philosophy of science.

Keywords: Galen, Harvey, Chizhevskiy, electron medicine, substrate approach.

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