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Letter to the Editor

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New Indirect Evidence of Centralized Aerobic-anaerobic Energy Balance Compensation

Kirill V Zhukov¹, Bagrat A Gasparyan¹, Alexandre A Vetcher^{1,2*,} and Alexander Y Shishonin¹

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¹Complementary and Integrative Health Clinic of Dr. Shishonin, 5 Yasnogorskaya Str, Moscow, 117588, Russian Federation ²Peoples' Friendship University of Russia (RUDN), 6 Miklukho-Maklaya St, 117198 Moscow, Russia

Letter to the Editor

The goal of this letter is to demonstrate how the recent report on the significant reduction of Alzheimer's disease (AD) risk for sildenafil users [1] can be linked through the theory of Centralized aerobic-anaerobic energy balance compensation (CAAEBC) with our data obtained during recovery from arterial hypertension (AHT) [2]. In this report, the endophenotype disease module-based methodology was applied to Alzheimer's disease (AD). This allows us to reveal that sildenafil could be considered a potential disease risk modifier. It is known, that the risk of AD is associated with both risk of AHT [3] and diabetes myelitis (DM) [4]. The pure statistical itself demonstrates mostly report consideration, but in association with demonstrated effect on blood flow through vascular tone [5] and neuroprotective and neurorestorative role [6].

On another side, the theory of CAAEBC suggests that the AHT appears as a compensation reaction to the blood flow through cervical vertebral arteries obstruction to access the rhomboid fossa. A detailed explanation of how this obstruction plays a role in AHT had been already done [7]. BTW, the connection between AHT and DM through CAAEBC has also been demonstrated [8].

It looks like we can link the sildenafil effect on AD, DM, and AHT with the improvement of arterial blood flow. This could be considered indirect evidence of CAAEBC.

Declarations

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Competing interests

The authors have no competing interests to declare that are relevant to the content of this article.

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*Corresponding author: Alexandre A Vetcher, Complementary and Integrative Health Clinic of Dr. Shishonin, 5 Yasnogorskaya Str, Moscow, 117588, Russian Federation; Peoples' Friendship University of Russia (RUDN), 6 Miklukho-Maklaya St, 117198 Moscow, Russia; Email: <u>avetcher@gmail.com</u>

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