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Authors: Ekaterina S. Evstratova, Vladislav G. Petin, Galina P. Zhurakovskaya



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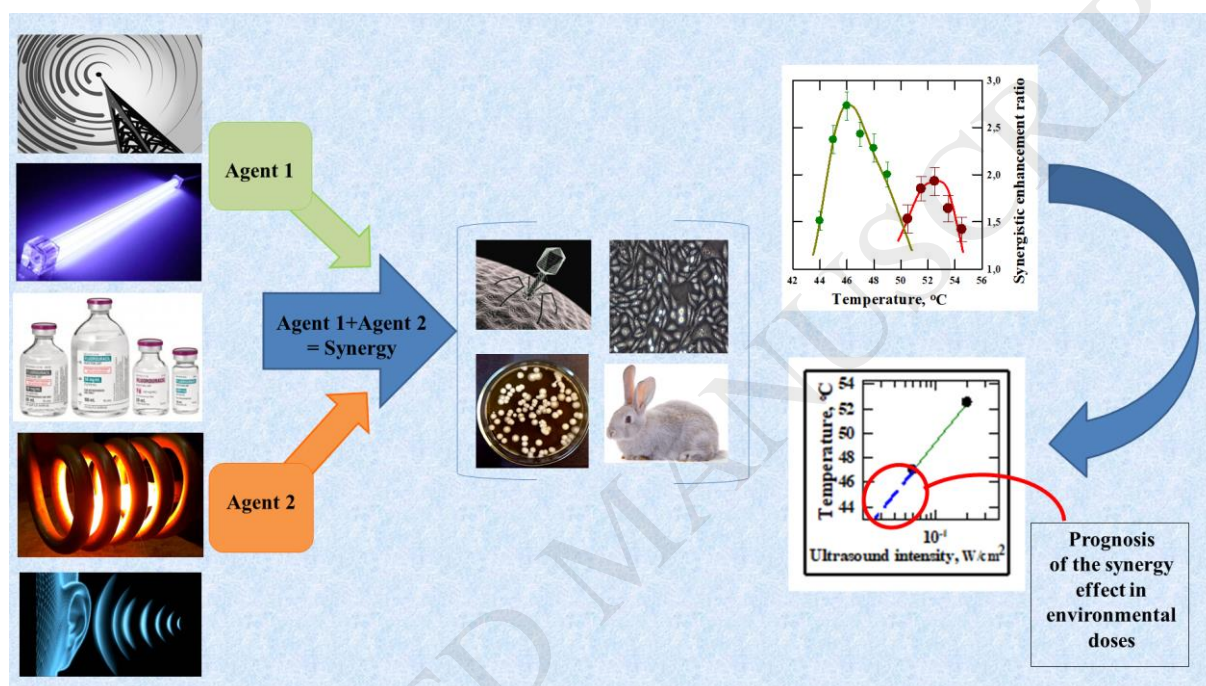
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Synergistic effects and their potential significance for the influence of natural intensities of environmental factors on cell growth

Ekaterina S. Evstratova, Vladislav G. Petin, Galina P. Zhurakovskaya

A. Tsyb Medical Radiological Research Centre – branch of the National Medical Research Radiological Centre of the Ministry of Health of the Russian Federation, 249036 Obninsk, e-mail: vgpetin@yahoo.com

Graphical abstract



Highlights

- The synergistic effect depends on the intensity of various agents
- There is optimal intensity maximizing the synergy
- Natural intensity of environmental factors

Abstract

Background. The assessment of the potential significance of synergistic interaction between adverse ecological factors acting together at the level of intensities found in the biosphere is still intriguing and unresolved problem.

Objective. This study aims to analyze synergistic effects for various biological objects, tests, and interacting agents to provide conclusive evidence of possible synergistic interactions of natural intensities of environmental factors on cell growth.

Methods. Four dose-effect curves were obtained for each object and interacting factors: after the individual action of agents, after their simultaneous action and theoretically expected

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