

## Influence of highly diluted aqueous solutions and weak physical fields on behavior of aquatic organisms

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### Abstract

In the work it is discusses experimental results on the effect of highly diluted solutions of synthetic broad-spectrum drug potassium phenoan salt (PPh) on the behavioral activity of aquatic organisms associated with self-organization of PPh solutions. The formation of nanoassociates in highly diluted PPh solutions causes the emergence of nonmonotonic concentration dependences of the physicochemical properties of solutions and correlated with their biological effects. It was studied the effect of weak physical fields as natural background radiation and certain types of electromagnetic fields and ionizing radiation on the physiological status of aquatic organisms and the physicochemical parameters of water.