

FEATURES OF REGENERATION OF PLANARIANS *DUGESIA TIGRINA* AND NOCICEPTION OF MOLLUSCS *HELIX ALBESCENS* UNDER WEAK ELECTROMAGNETIC SHIELDING

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Abstract. Found that weak electromagnetic shielding stimulates regenerative processes in planarians *Dugesia tigrina*, the intensity of stimulation depends on the initial state of the animals, defined seasons, and on their functional asymmetry. Revealed that the effect of weak electromagnetic field causes the phase changes of nociceptive sensitivity of the molluscs *Helix albescens*: increased sensitivity to thermal stimulus is replaced by the development hypoanalgetic effect.

Keywords: electromagnetic shielding, regeneration index, velocity of movement, functional asymmetry, nociception, planarians, molluscs.