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# Serotonin Application Effects on Electrical Characteristics of the Premotor Interneurons in Intact and Trained Snails

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## Abstract

© 2016, Springer Science+Business Media New York. Experimentally, it was shown that the action potential threshold in neurons of the trained snails increases in response to serotonin (5-HT) application, in contrast to intact snails. This result demonstrates a decrease of excitability of the premotor interneurons in response to extracellular 5-HT after the training.

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## Keywords

Identified neurons, Learning, Membrane and threshold potentials, Serotonin, Snail