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Continuous lateral oscillations as a core mechanism for taxis in *Drosophila* larvae

Antoine Wystrach¹,², Konstantinos Logogiannis³ and Barbara Webb¹

1. School of Informatics, University of Edinburgh, UK
2. Centre de recherche sur la cognition animal. CNRS. Universite de Toulouse, France

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Hypothesis

Taxis in larvae results from a continuous modulation of ongoing left-right turning oscillations

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A simple solution for combining multiple modalities along both sensory and memory pathways

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Learning as a simple change in gain

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Stronger sensory inputs = stronger gain

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No need for ‘decision making’. Seemingly discrete actions spontaneously emerge