

Resource Summary Report

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Invertebrate Brain Platform

RRID:SCR_006764

Type: Tool

Proper Citation

Invertebrate Brain Platform (RRID:SCR_006764)

Resource Information

URL: <http://platform.invbrain.neuroinf.jp/>

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Description: Database of information on nervous systems and behavior of various species of invertebrates and a large body of ancillary material to promote the use of invertebrate systems in research and education and facilitate information transfer to engineers that are looking for mechanisms that may be useful to solve a wide range of technological problems. The database is linked to explanations of the contents to allow users to familiarize themselves with the data and the context in which they were obtained. The platform has four entrance points tailored to different target user groups. The first entrance point is designed for users that are interested in using invertebrates for research purposes, in particular in the field of neuroscience, to assist them in initiating research projects. This includes databases of sensory systems, brains, and behavior of invertebrates, especially insects. The databases contain sensory organ structure and function, photographs and movies documenting insect behavior, data acquisition equipment and other instrumentation, software, material for education, and bibliography. A second entrance point is available for those that are concerned with implementations of design principles of invertebrate nervous systems and behavior in industrial applications. The third portal is destined for providing quick access for instructors that intend to use invertebrates for educational purposes and the remaining entrance point facilitates obtaining general comparative information on sensory and central nervous systems and behavior of invertebrates.

Abbreviations: IVB-PF, IVBPF

Synonyms: IVB PF, Invertebrate Brain Platform (IVB-PF)

Resource Type: data or information resource, database, image collection, narrative resource, software resource, training material

Keywords: brain, invertebrate, nervous system, neuron, sensory system, brain, behavior, comparative physiology, elementary, junior high, high school, insect, neurorehabilitation,

k-12, video

Funding: OED

Resource Name: Invertebrate Brain Platform

Resource ID: SCR_006764

Alternate IDs: nif-0000-10269

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260829T182242+0000

Ratings and Alerts

No rating or validation information has been found for Invertebrate Brain Platform.

No alerts have been found for Invertebrate Brain Platform.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.