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**Review**

# **Effects of environmental stressors on lipid metabolism in aquatic invertebrates**

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## **Highlights**

- Lipids are an essential cellular component across animal taxa for maintaining homeostasis in the presence of environmental stressors.
- Lipid homeostasis can be modulated by environmental stressors, and understanding mechanisms that protect against stressors is important with regard to aquatic invertebrates.
- Various environmental stressors affect life cycles and lipid homeostasis in aquatic invertebrates.
- Omics approaches have been used but there are still gaps in our knowledge on aquatic invertebrates as well as the lipidome.

## **Abstracts**

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