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**Antiparasite activity of the microalgae *Cyanobacteria Hapalosiphon aureus* against the protoscolices of hydatid cyst , compared with albendazole drug .**

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**Abstract**

Antiparasite activity of the microalgae *Hapalosiphon aureus* from Basrah river in southern Iraq was studied. Water samples were collected from Shatt-Alarab river in the southern of Basrah , the algae cultured in BG-11 medium. Supernatants , alkaloidic and hexane extracts from biomass are isolated and screened against the Hydatidosis and compared with albendazole drug. The present study has resulted that 2- Methyl - 1- pyrroline and Ethylhexyl phthalate compounds have activity against the protoscolices of hydatid cyst similar to the activity of albendazole from the mean of weight of mice , mean of hydatid cyst number , mean of diameter and weight of hydatid cyst.

**.Key words :** Algae , bioactive chemical compounds , antiparasite , isolation and identification .