

Accepted Manuscript

Sargassum wightii-synthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector *Anopheles stephensi* and cotton bollworm *Helicoverpa armigera*

Kadarkarai Murugan, Mathath Roni, Chellasamy Panneerselvam, Al Thabiani Aziz, Udaiyan Suresh, Rajapandian Rajaganesh, Rajasekar Aruliah, Jazem A. Mahyoub, Subrata Trivedi, Hasibur Rehman, Hatem Ahmed Naji Al-Aoh, Suresh Kumar, Akon Higuchi, Baskaralingam Vaseeharan, Hui Wei, Sengottayan Senthil-Nathan, Angelo Canale, Giovanni Benelli

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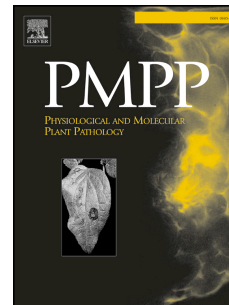
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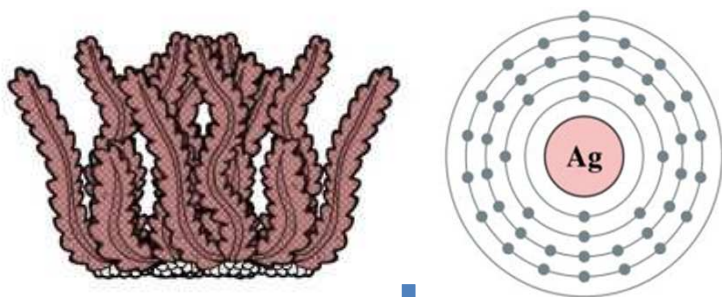
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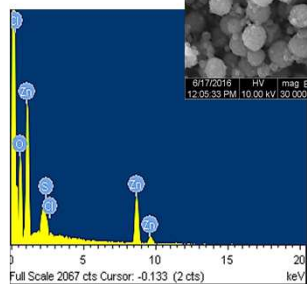
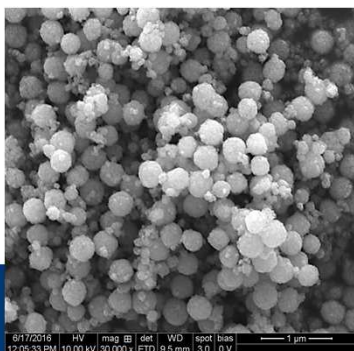
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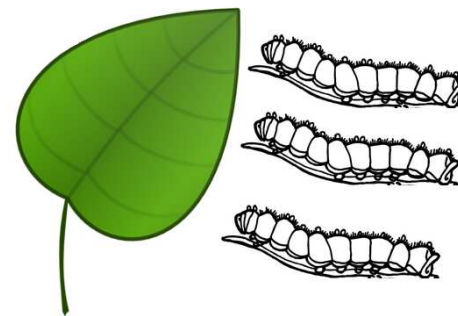
Sargassum wightii



Ag nanocrystals



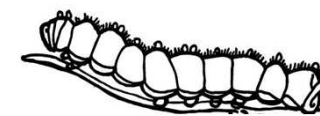
Reduce food consumption



Anopheles stephensi

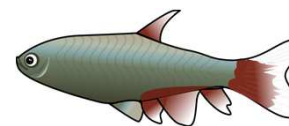


Helicoverpa armigera



Reduce fitness and reproduction

Poecilia reticulata



Impact on fish predation?

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