

November 14 - 15, 2018 | Rome, Italy

Mamdouh I Nassar, Arch Gen Intern Med 2018, Volume 2 | DOI: 10.4066/2591-7951-C6-017

POTENTIAL OF SOME INVERTEBRATES VENOMOUS AS THERAPEUTIC TOOLS

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Many active principles produced by insects, animals, plants and microorganisms have been used as new drugs to treat diseases. Among the insects and animals that produce pharmacologically active molecules capable of interfering in human cellular physiology, the highlights are venomous arthropods, such as, bees, wasps, ants and caterpillars. The substances found in the venom of these insects present great potential as anti-parasitic agents. In this review, we present the main results of years of research involving the active compounds of insects venoms that have therapeutic activity.

BIOGRAPHY

Mamdouh I Nassar was born Cairo, Egypt. He graduated a bachelor's degree from Biology (Zoology, Botany, and toxicology) Department, Faculty of Science, Cairo University. He received his MSc degree in from the same University. PhD degree (Channel system) between University of Maryland College Park (USA) and Cairo University. He spent many studies for field of sleeping sickness and Malaria diseases of vectors *Stomoxys calcitrans* and *Anopheles* in USDA Florida, Jazan and Jeda.

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