

Insect Virology

Edited by: **Sassan Asgari and Karyn N. Johnson**

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Viruses that are pathogenic to beneficial insects and other arthropods cause millions of dollars of damage to industries such as sericulture, apiculture and aquaculture every year (eg infecting honeybees and silk worms). On the other hand, those that are pathogenic to insect pests can be exploited for use as biological control agents. Another feature of these fascinating viruses is that some, eg baculoviruses, have been commercially exploited for use as gene expression and delivery vectors in both insect and mammalian cells. Hence research in this area has mushroomed in recent years, generating impressive quantities of information. In this book, expert international authors distil the most important, up-to-date research findings to produce timely and comprehensive reviews of the field.

The book is divided into three parts: 1) DNA viruses 2) RNA viruses and 3) current hot-topics in insect virology. Essential reading for every insect virologist in both the academic and private sectors, the book is also strongly recommended for other virologists, particularly those interested in virus evolution, virus structure, viral vectors, biological control of insects and insect immunity.



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