INSECT HORMONES

VITAMINS AND HORMONES, VOLUME 73

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Insect biochemistry and molecular genetics have become enormously important sciences. Molecular genetics of *Drosophila* has paced mammalian genetics and has facilitated many advances. Many life-threatening diseases are now carried chiefly by insects. Our increasing knowledge of the basic science of insects may help to control these diseases. There is no more important facet of insect science than insect hormones – the agents that allow for communication between cells and tissues. This volume will be welcomed by biochemists and molecular geneticists as well as all researchers and students who focus on this fascinating topic.

HIGHLIGHTS INCLUDE:

- Hormonal control of ecdysis
- Ecdysone receptors in agriculture and medicine
- Molecular structure of the receptor ligand binding site of ecdysone
- Molecular genetic approach to the biosynthesis of the molting hormone
- Non-steroidal ecdysone agonists
- Molecular actions of juvenile hormone in *Drosophila*
- Insect neuropeptide receptors

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