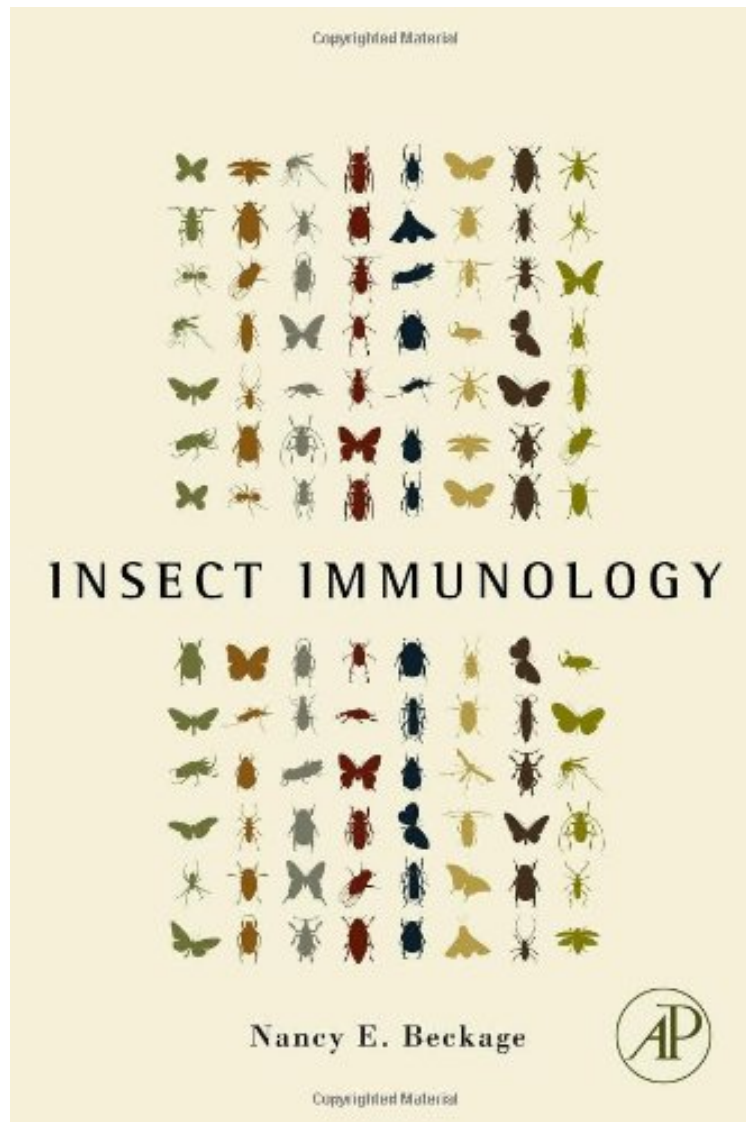


Insect Immunology

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1 of 1 people found the following review helpful. Editor's CommentsBy Nancy E. BeckageMy goal in publishing this book was to bring together an international cadre of scientists working on both new emerging areas in addition to well-established lines of insect immunological research. Insect antiviral immunity, immunological memory, and specificity of immune responses to parasites, pathogens, and parasitoids are just a few examples of emerging areas. Applications of insect immunology to basic science, agriculture, biotechnology, and medicine are also discussed.

This work is the first book-length publication on the topic of insect immunology since 1991, complementing earlier works by offering a fresh perspective on current research. Interactions of host immune systems with both parasites and pathogens are presented in detail, as well as the genomics and proteomics, approaches which have been lacking in other publications. Beckage provides comprehensive coverage of topics important to medical researchers, including *Drosophila* as a model for studying cellular and humoral immune mechanisms, biochemical mediators of immunity, and insect blood cells and their functions. Encompasses the most important topics of insect immunology including mechanisms, genes, proteins, evolution and phylogeny. Provides comprehensive coverage of topics important to medical researchers including *Drosophila* as a model for studying cellular and humoral immune mechanisms, biochemical mediators of immunity, and insect blood cells and their functions. Most up-to-date information published with contributions from international leaders in the field.