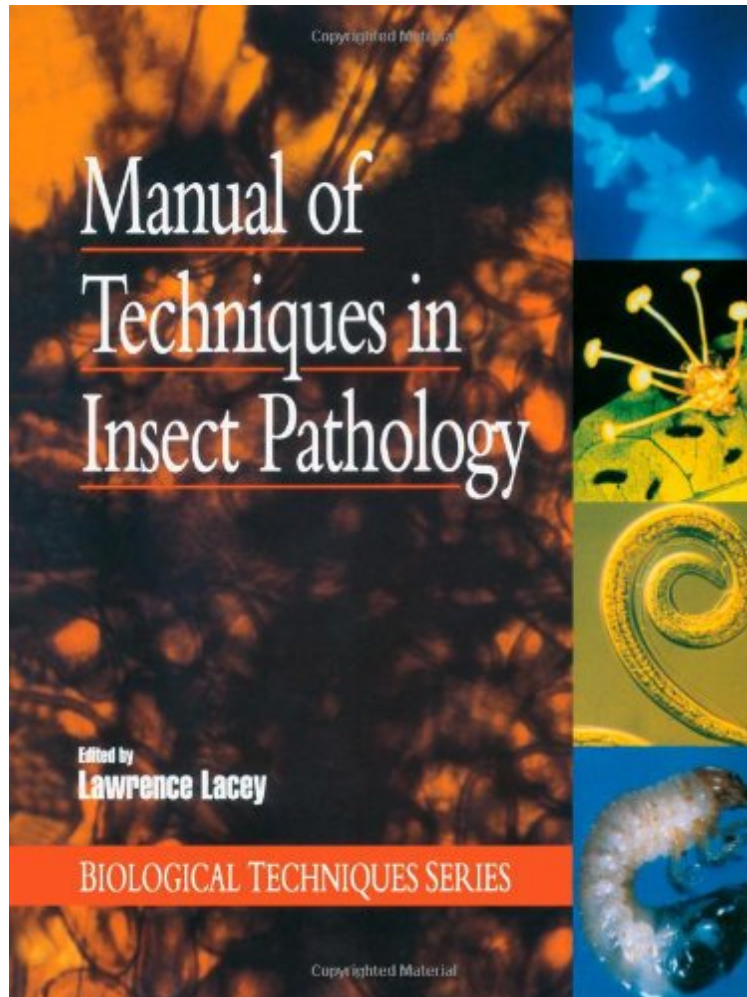


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## Manual of Techniques in Insect Pathology (Biological Techniques Series)

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Biological Techniques is a series of volumes aimed at introducing to a wide audience the latest advances in methodology. The pitfalls and problems of new techniques are given due consideration, as are those small but vital details not always explicit in the methods sections of journal papers. In recent years, most biological laboratories have been invaded by computers and a wealth of new DNA technology and this will be reflected in many of the titles appearing in the series. The books will be of value to advanced researchers and graduate students seeking to learn and apply new techniques, and will be useful to teachers of advanced undergraduate courses involving practical or project work. This manual describes the broad array of techniques that are used in insect pathology. It will provide biologists, insect pathologists, entomologists, and those interested in biological control, with the necessary information to work on a variety of pathogen groups. This book will be an essential laboratory reference for insect pathologists. Features include: \* Step by-step instructions on how to isolate, identify, culture, bioassay and store the major groups of entomopathogens \* Details of the practical knowledge needed by beginners to apply the techniques \* Chapters written by an international group of experts \* Discussion of safety testing of entomopathogens in mammals and also broader methods such as microscopy and molecular techniques \* Provides extensive supplemental literature and recipes for media, fixatives and stains

From the Back Cover Biological Techniques is a series of volumes aimed at introducing to a wide audience the latest advances in methodology. The pitfalls and problems of new techniques are given due consideration, as are those small but vital details not always explicit in the methods sections of journal papers. In recent years, most biological laboratories have been invaded by computers and a wealth of new DNA technology and this will be reflected in many of the titles appearing in the series. The books will be of value to advanced researchers and graduate students seeking to learn and apply new techniques, and will be useful to teachers of advanced undergraduate courses involving practical or project work. This manual describes the broad array of techniques that are used in insect pathology. It will provide biologists, insect pathologists, entomologists, and those interested in biological control, with the necessary information to work on a variety of pathogen groups. Features include: \* Step by-step instructions on how to isolate, identify, culture, bioassay and store the major groups of entomopathogens \* Details of the practical knowledge needed by beginners to apply the techniques \* Chapters written by an international group of experts \* Discussion of safety testing of entomopathogens in mammals and also broader methods such as microscopy and molecular techniques \* Provides extensive supplemental literature and recipes for media, fixatives and stains This book will be an essential laboratory reference for insect pathologists. About the Author Dr. Lacey earned his PhD in 1978 and has been internationally active working in medical entomology, insect pathology, and microbial control of economically and medically important insects. He conducted research on the biology and microbial control of dozens of insects in the US, Basin, West Africa in the Azores, throughout Europe, the Middle East and Western and Southeast Asia and the Pacific Northwest of the USA. In his 40 year career he has written or co-authored nearly 150 refereed papers in medical entomology, agricultural entomology, and insect pathology, and edited and co-edited seven books, including the Manual of Techniques in Invertebrate Pathology, second edition and Microbial Control of Insect and Mite Pests: From Theory to Practice.