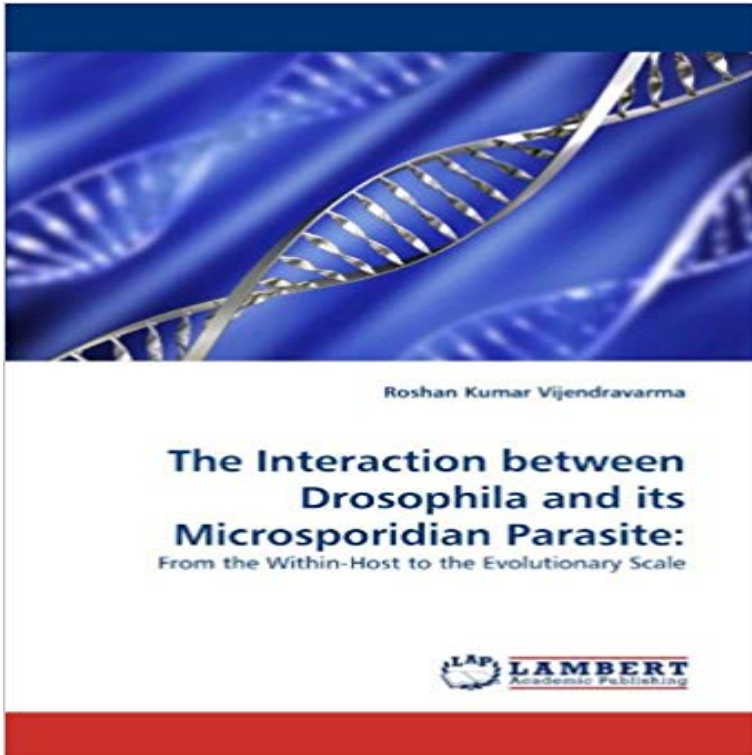


# The Interaction between Drosophila and its Microsporidian Parasite:: From the Within-Host to the Evolutionary Scale



This monograph investigates evolution of resistance against an intracellular microsporidian parasite *Tubulinosema kingi* and the associated trade-offs in *Drosophila melanogaster* model system. Additionally, it also investigates the interactions between the host and its parasite at a physiological level. The implications of these results are further discussed in relation to other host-parasite systems and the possibility of using the system as a model insect- microsporidia system to explore ecological and evolutionary interactions in greater depth.

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