Members of the Enterovirus genus are positive-stranded RNA viruses encompassing important human pathogens and include poliovirus, coxsackievirus and rhinovirus. Several enteroviruses, such as enterovirus-71 and enterovirus-D68, have emerged from relative obscurity to become worldwide public health threats, highlighting the need to develop effective therapeutic strategies to combat these important viruses. To do this, understanding the genomics and the cellular and molecular biology of infection of enteroviruses is critical.

This book represents a comprehensive tour of the current most important enterovirus research. The editors, Dr. Jackson and Dr. Coyne, have assembled a group of enteroviral experts who cover topics including viral entry and the hijacking of host functions; the dynamic analysis of ever-evolving virus genomes; the cellular membrane changes promoting virus assembly and release.

This volume is a must-read for anyone with an interest in this family of viruses and an important acquisition for all microbiology libraries.
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