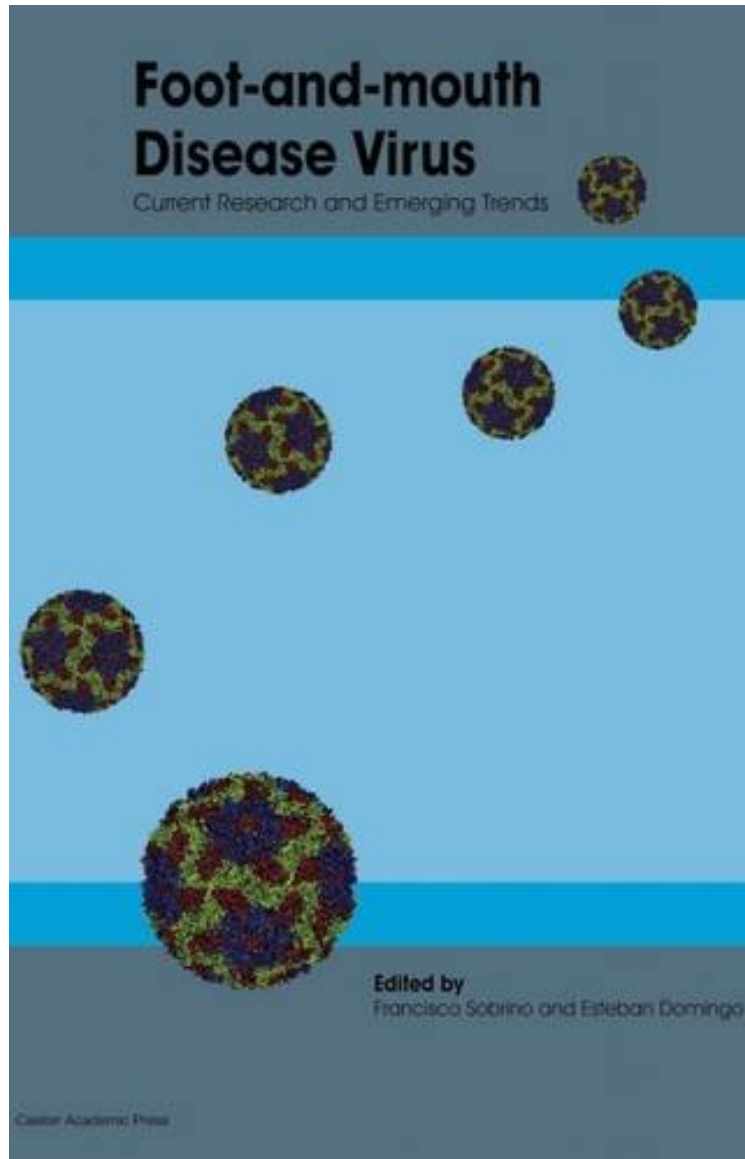


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This book is required reading for everyone involved in FMD and is an important acquisition for all microbiology libraries. The volume provides essential scientific background on FMD and its etiological agent, FMD virus, as well as comprehensive, interdisciplinary and up-to-date information on basic research findings and applied developments contributing to FMD control. The eighteen chapters have been written by leading FMD researchers. Topics include genome organization, translation and replication, virus-coded proteinases, structure of virus particles, cell receptors and host range, the RNA polymerase, quasispecies dynamics and virus evolution, innate and acquired immune responses, and the clinical signs of FMD and its natural habitats. Further chapters deal with various aspects of disease control such as diagnosis, current and new vaccines, antivirals and models of epidemiology. The role of international organizations in FMD control and the impact of FMDV as a re-emergent virus are also addressed.