

Caliciviruses

Molecular and Cellular Virology

Edited by: **Grant S. Hansman¹, Xi Jason Jiang² and Kim Y. Green³**

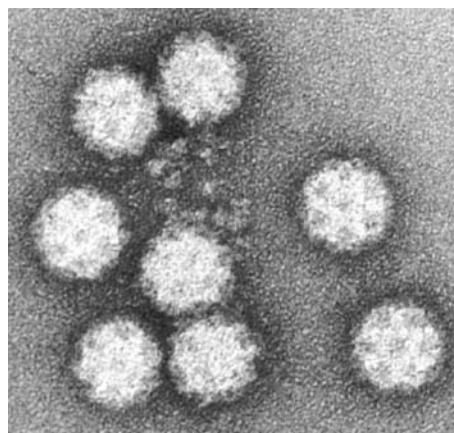
¹National Institute of Infectious Diseases, Department of Virology II, Tokyo 208-0011, Japan

²Division of Infectious Diseases, Cincinnati Children's Hospital Medical Center, Cincinnati, USA

³Laboratory of Infectious Diseases, NIAID, Bethesda, Maryland 20892, USA

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Caliciviruses are positive-sense, single stranded RNA viruses containing four recognized genera: Norovirus, Sapovirus, Lagovirus and Vesivirus. They are ubiquitous in the environment and are a major cause of disease in humans and many animals. Examples include Norwalk virus, a norovirus, thought to be responsible for roughly 90% of epidemic, non-bacterial outbreaks of gastroenteritis in humans around the world. Lack of a suitable cell culture system for human caliciviruses limited studies in previous decades, however the recent application of modern genomic technologies has revolutionized the field, leading to an explosion in calicivirus publications. In this book, a panel of experts distil the most important up-to-date research findings in their respective calicivirus field of study producing timely and comprehensive reviews. Each chapter gives the reader a brief introduction to the topic followed by a descriptive discussion of the past and present research areas. This book is essential reading for all virologists working on caliciviruses and related viruses and is recommended for all virology, immunology and molecular biology laboratories.

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