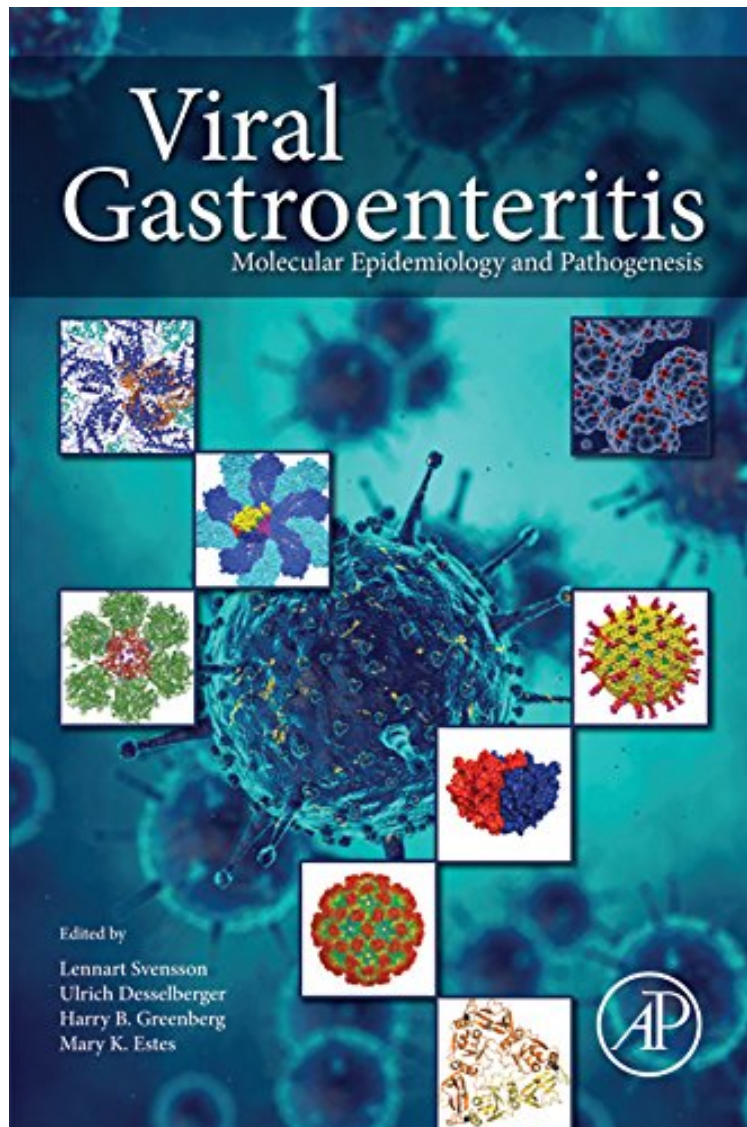


Viral Gastroenteritis: Molecular Epidemiology and Pathogenesis

Lennart Svensson, Ulrich Desselberger, Mary K Estes, Harry B Greenberg
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Lennart Svensson, Ulrich Desselberger, Mary K Estes, Harry B Greenberg : Viral Gastroenteritis: Molecular Epidemiology and Pathogenesis before purchasing it in order to gage whether or not it would be worth my time, and all praised Viral Gastroenteritis: Molecular Epidemiology and Pathogenesis:

Viral Gastroenteritis: Molecular Epidemiology and Pathogenesis provides a comprehensive review of research on viruses causing acute gastroenteritis in infants and young children, including coverage of rotaviruses, human caliciviruses, astroviruses, enteric adenoviruses, and viruses causing gastroenteritis more rarely. Includes general

chapters on gastrointestinal physiology and pathophysiology, gastrointestinal immune mechanisms, immunodeficiencies and host genetics influencing susceptibility to viral gastroenteritis, and therapeutic and preventative approaches. The book also includes special sections on virus particle structures, replication cycles, pathogenesis, immunology, epidemiology, and preventative measures. This book covers both basic science and translational applications and is an appropriate resource for virologists, molecular biologists, epidemiologists, gastroenterologists, vaccinologists, and those with an interest in public health. Features new approaches in diagnosis and characterization of viral gastroenteritis pathogens. Includes coverage of therapeutic and preventative methods. Covers recent advances in characterizing the molecular biology and immune responses of rotaviruses and noroviruses. Covers both basic science and translational applications and is an appropriate resource for virologists, molecular biologists, epidemiologists, gastroenterologists, vaccinologists, and those with an interest in public health.

About the Author Lennart Svensson is the Professor of Molecular Biology at Linkping University. He is presently researching virus disease mechanisms and the human genetics of susceptibility, with particular focus on the rotavirus and the norovirus. During his research, he and his team have contributed many important observations to the field regarding the processes of and reactions to these viruses in the human body. Ulrich Desselberger is a Professor in the Department of Medicine, of which he is the director, at the University of Cambridge whilst also actively consulting. He specialises in the molecular biology of rotaviruses. Mary K Estes is the Professor of Virology and Microbiology at Baylor College of Medicine. Mary specialises in gastrointestinal viruses. Her academic career has seen her win many accolades including the Presidency of the American Society for Virology, and more recently the AGA Distinguished Achievement Award. Harry B Greenberg is a Professor of the department of Microbiology and Immunology at the Stanford School of Medicine. On top of this position he also holds the Joseph D Grant Professorship, is Director of Spectrum and the Senior Associate Dean for Research. Amongst his honors and awards, he has served as president of the American Society of Virology.