

Molecular Aspects of Picornavirus Infection and Detection

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In the past two years, giant strides have been made in our knowledge of the molecular biology and structure of picornaviruses. The complete three-dimensional structures of rhinovirus and poliovirus have now been solved through X-ray crystallographic studies, yielding much important information about the antigenic regions of viral proteins and the relationship of viral structure to antibody accessibility, with important implications for vaccine design. These three-dimensional structures have provided new insight into the mechanism of action of several antiviral compounds.

This very timely book presents our current understanding of the biology of these viruses in the context of clinical implications. Virologists, molecular biologists, and clinical researchers will all find this book useful and interesting reading. Based on the 1988 ICN-UCI International Conference on Virology, Newport Beach, Calif.

CONTENTS

I. Molecular Biology of Viral Replication: Use of Mutagenesis Cartridges in Molecular Genetic Analyses of Poliovirus (Bradley et al.); Replication of Hepatitis A Virus (Ticehurst et al.); Comparison of Encephalomyocarditis Virus and Poliovirus Translation Initiation and Processing In Vitro (Jackson); Molecular Biology and Genetics of Poliovirus Protein Processing (Dewalt and Semler); Poliovirus RNA Polymerase Expressed in *E. coli* (Ehrenfeld and Richards); A Large Segment of Poliovirus 5'

Noncoding Region Allows Cap-Independent Translation of Downstream Sequences in Mammalian Cells (Trono et al.)

II. Virion Structure and Cell Surface Interactions: Structural Basis for Serotypic Differences and Thermostability in Poliovirus (Hogle et al.); Conformational Adaptations by Picornaviruses to Antiviral Agents and pH Changes (Rossmann); Neutralization of Picornaviruses (Mosser et al.); Molecular and Biochemical Aspects of Human Rhinovirus Attachment to Cellular Receptors (Colonna et al.); Towards a Molecular Vaccine for Foot-and-Mouth Disease (Brown); Antigenic Structure of Hepatitis A Virus (Lemon and Ping)

III. Genetic Determinants of Viral Disease and Applications to Diagnosis: Sequence Alignments of Picornaviral Capsid Proteins (Palmenberg); Human Enterovirus Infections (Rotbart); Modification of Six Amino Acids in the VP1 Capsid Protein of Poliovirus Type 1, Mahoney Strain (Girard et al.); Genetic Analysis of Neurovirulence, Using a Mouse Model for Poliomyelitis (Racaniello et al.); Expression of the Attenuation Phenotype of Poliovirus Type 1 (Nomoto et al.); Attenuation and Reversion of the Sabin Type 3 Vaccine Strain (Minor et al.)

Hardcover (ISBN 1-55581-009-8)

Publication date: March 1989

Member: \$49.00; Nonmember: \$68.00

335 pages, illustrated, color plates, index

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