G. Klein (Section Editor), Sweden; R. Bablanian, USA; F. Brown, UK; R. W. Compans, USA; A. Granoff, USA; I. Gresser, France; W. G. Laver, Australia; L. Kjellén, Sweden; T. C. Merigan, USA; L. Montagnier, France; B. Moss, USA; W. C. Russell, UK; R. Sheinin, Canada; H. zur Hausen, FRG

Replication of Animal Viruses:
D. W. Kingsbury (Section Editor), USA; V. I. Agol, USSR; Y. Becker, Israel; M. Girard, France; A. Graham, Canada;
A. S. Huang, USA; W. K. Joklik, USA;
A. S. Kaplan, USA; A. S. Koch, Hungary;
B. R. McAuslan, Australia;
L. Philipson, Sweden; B. Roizman, USA; R. Rott, FRG; P. Wildy, UK; V. M. Zhdanov, USSR

Genetics:
P. D. Cooper (Section Editor), Australia; Y. Ghendon, USSR; H. Hanafusa, USA;
E. D. Kilbourne, USA; S. Kit, USA;
C. R. Pringle, UK; J. F. Sambrook, USA;
A. S. Kaplan, USA; A. S. Koch, Hungary;
B. R. McAuslan, Australia;
L. Philipson, Sweden; B. Roizman, USA; R. Rott, FRG; P. Wildy, UK; V. M. Zhdanov, USSR

Ecology I Epidemiology:
E. H. Lennette (Section Editor), USA;
F. L. Black, USA; D. Blaskovic, Czechoslovakia;
R. M. Chanock, USA; F. Dekking, Netherlands;
R. W. Emmons, USA; S. Gaidamovich, USSR;
N. Goldblum, Israel; Huang Chen-hsiang, China;
K. Johnson, USA; J. A. R. Miles, New Zealand;
N. Nathanson, USA; W. E. Rawls, Canada;
L. Rosen, USA; J. Tagaya, Japan;
/. van der Veen, Netherlands; H. von Magnus,
Denmark; H. A. Wenner, USA

Oncology:
F. Rapp (Section Editor), USA;
H. Bauer, FRG; J. S. Butel, USA;
M. A. Epstein, UK; R. C. Gallo, USA;
M. Hill, France; Y. Ito, Japan; A. J. Levine, USA;
J. A. Levy, USA; W. P. Rowe, USA;
P. Sheldrick, France; P. G. Spear, USA;
S. Spiegelman, USA; J. Svoboda, Czechoslovakia;
G. Todaro, USA; /. van der Noordaa, Netherlands;
P. Vigier, France

Immunology:
N. Oker-Blom (Section Editor), Finland; A. C. Allison, UK; F. Deinhardt, FRG; S. Fazekas de St. Groth, Switzerland; Huang Chen-hsiang, China; D. T. Karzon, USA; M. B. A. Oldstone, USA;
A. J. Rhodes, Canada; N. J. Schmidt, USA; V. Vonka, Czechoslovakia

Comparative Virology:
F. Brown (Section Editor), UK;
E. G. Bade, FRG; A. J. D. Beliefet, Australia;
A. G. Bukrinskaya, USSR; A. Gibbs, Australia; 
B. D. Harrison, UK; M. C. Horzinek, 
Netherlands; 
W. K. Joklik, USA; E. Kurstak, Canada; W. G. Laver, Australia; K. Maramorosch, USA; 
F. A. Murphy, USA; C. C. Payne, UK; R. E. Shope, USA; P. Wildy, UK 

Taxonomy: 
R. E. F. Matthews (Section Editor), New Zealand; H.-W. Ackermann, Canada; J. G. Atherton, 
Australia; M. Hollings, UK; K. Aizawa, Japan; R. I. B. Francki, Australia; F. A. Murphy, USA 

S. Karger AG, P. O. Box 
CH-4009 Basel (Switzerland) 
Printed in Switzerland by 
Graphische Betriebe Coop Schweiz, Basel 
All rights reserved. 
No part of this publication may be translated into other languages, reproduced or utilized in any 
form or by any means, electronic or mechanical, including photocopying, recording, 
microcopying, or by any information storage and retrieval system, without permission in writing 
from the publisher. 
Contents Vol. 13, 1980 
No. 1 
Original Paper 
Electron Microscopic Studies on the Crystallization of Adenovirus Hexon Capsomers 
Ádám, É. and Nász, 1  1 
Fragility of the Rhinovirus Type 14 Genome to Incubation at 60° 
Gauntt, C. J  7 
Passive Hemolysis-in-Gel with Togaviridae Arboviruses 
Gaidamovich, S. Y. and Melnikova, E. E  16 
Interaction of Herpesvirus Ateles and Herpesvirus Saimiri with Primate Lymphocytes. I. 
Selective Adsorption of Virus by Lymphoid Cells 
Johnson, D. R.; Klein, G., and Falk, L  21 
Titration of a Cytoplasmic Polyhedrosis Virus by a Tissue Microculture Assay: Some 
Applications 
Belloncik, S. and Chagnon, A  28 
Genetic and Antigenic Heterogeneity of Different Parapoxvirus Strains 
A Plant Virus that Partially Protects Its Wild Legume Host against Herbivores 
Gibbs, A  42 
Short Communications 
Distribution of Sequences Homologous to the DNA of Herpes Simplex Virus, Types 1 and 2, in 
the Genome of Pseudorabies Virus 
Rand, T. H. and Ben-Porat, T  48 
Lack of Association between the Elevation of Adenosine 3’,5’-Cyclic Monophosphate 
and the Potentiation of the Interferon-Induced Antiviral State by Noradrenaline in Normal and 
Tumoral Rat Cells 
Coupin, G.; Hunger, D., and Poindron, P  54
Reduction of Cell Surface Fibronectin (LETS Protein) Correlates with Tumorigenicity of Hamster Fibroblasts Transformed by Herpes Simplex Virus Type 2
Spicer, D. and Branton, P.E  58
No. 2
Original Paper
In vitro Production and Titration Assays of B-Tropic Retroviruses Isolated from C57BL Mouse Tumors Induced by Radiation Leukemia Virus (RadLV-Rs): Effect of Dexamethasone
Guillemain, B.; Astier, T.; Mamoun, R., and Duplan, J.-F  65
Antigenic Conversion from HBCAg to HBeAg by Degradation of Hepatitis B Core Particles
Ohori, H.; Yamaki, M.; Onodera, S.; Yamada, E., and Ishida, N  74
Effect of Six Herpes Simplex Virus Isolates on Chromosomes of Rabbit and Hamster Cell Cultures
Nachtigal, M. and Li, J.L.H  83
IV
Contents
Seroepidemiology of Human Syncytial Virus: Antibody Prevalence in the Pacific
Loh, P. C.; Matsuura, F., and Mizumoto, C  87
Limited Value of the Thermal Inactivation Point, Longevity in vitro and Dilution Endpoint as Criteria for the Characterization, Identification and Classification of Plant Viruses
Francki, R.I.B  91
The Relationships of Certain Tymoviruses Assessed from the Amino Acid Composition of Their Coat Proteins
Biochemical Transformation of Mouse Cells by a Purified Fragment of Marmoset Herpesvirus DNA
Kit, S.; Otsuka, H.; Qavi, H; Dubbs, D.R., and Trkula, D  110
Short Communications
Immunosuppression in Experimental Junin Virus Infection of Mice
Sensitivity of Scrapie Infectivity to Detergents and 2-Mercaptoethanol
Somerville, R.A.; Millson, G.C., and Kimberlin, R.H  126
Structural Proteins of Hand, Foot and Mouth Disease Viruses
Yoneyama, T.; Hagiwara, A., and Tagaya, 1  130
No. 3
Portraits of Viruses
Portraits of Viruses: Bacteriophage Lambda
Hayes, W  133
Original Paper
Human Immune Response to Proteins of Cytomegalovirus
Schmitz, H.; Müller-Lantzsch, N., and Peteler, G  154
Application of an Immunoenzymatic Method and an Immunooautoradiographic Method for a Mass Survey of Nasopharyngeal Carcinoma
Isolation of Dimeric Glycoprotein Subunits from Tick-Borne Encephalitis Virus
Heinz, F.X. and Kunz, C  169
Effect of Mitomycin C and Hydroxyurea on the Expression of the Epstein-Barr Virus Cycle Following P3HR-1 Superinfection
Moar, M.H. and Klein, G  178
Naturally Occurring IgM Antibodies to a Small RNA Insect Virus in Some Mammalian Sera in New Zealand
Scotti, P.D. and Longworth, J.F  186
The Genome-Linked Protein of Picornaviruses. VI. The 5'-Terminal Protein of Poliovirus Type 2 RNA is Covalently Linked to a Nonanucleotide Identical to That of Poliovirus Type 1 RNA
Babich, A.; Wimmer, E.; Toyoda, H., and Nomoto, A  192
Announcements
200
Contents
V
No. 4
Original Paper
Restriction of C-Type Viral Antigen in H-2/Fv-l Syngeneic Mouse Somatic Cell Hybrids
Application of Single Radial Immunodiffusion for Qualitative Comparison of Plant Virus Particles
Juretic, N. and Mamula, D  209
Enzyme-Linked Immunosorbent Assay for Detection of Virus-Specific IgM Antibodies to Varicella-Zoster Virus
Hacham, M.; Leventon-Kriss, S., and Sarov, I  214
Analysis of the Transformation of Human Lymphocytes by Epstein-Barr Virus. II. Abortive Response of Leukemic Cells to the Transforming Virus
Takada, K.; Yamamoto, K., and Osato, T  223
Preliminary Characterization of Virus-Like Particles in a Mosquito (Aedes pseudoscutellaris) Cell Line (Mos. 61)
Gorziglia, M.; Botero, L.; Gil, F., and Esparza, J  232
Tandem Integration of Avian Retroviruses in Double-Infected Cells
Carloni, G.; Stedman, N.; Hillova, J.; Marx, M., and Hill, M  241
Short Communication
Rotavirus in Buenos Aires, Argentina
Muchinik, G. R. and Grinstein, S  253
No. 5
Portraits of Viruses
Portraits of Viruses: RNA Phage
Zinder, N.D  257
Original Paper
Ultrastructure of Intracytoplasmic Particles in a Burkitt’s Lymphoma Cell Line
Perk, K.; Gotlieb-Stematsky, T.; Bosnsover, A., and Yaniv, A  271
Identification of Tettnang Virus (‘Possible Arbovirus’) as Mouse Hepatitis Virus
Bárdöa, V.; Schwanzer, V., and Peško, J  275
Populations of Infectious Virus Produced during Avian Adenovirus-Associated Virus Infection
Pronovost, A.D.; Yates, V.J., and Fry, D.E.  289
Isolation and Genetic Analysis of Temperature-Sensitive Mutants of Rhinovirus Type 2
Evans, M.R.; Hughes, J.H.; Gercel, C, and Hamparian, V. V  299

VI Contents

Short Communications
Infectivity and Uncoating of Adenovirus Cores
Mirza, A. and Weber, J  307
An Additional Role for the Outer Nuclear Membrane in the Morphogenesis of Herpes Simplex Virus
Smith, J.D  312

No. 6 Original Paper
Simian Virus Nomenclature, 1980
Malherbe, H.H.; McConnell, S., and Yohn, D.S  317
Biological Studies of a Baculovirus in a Mammalian Cell Line
McIntosh, A.H. and Shamy, R  331

Short Communications
Feline Leukemia in Israel: Prevalence of Antibody to Feline Oncornavirus-Associated Cell Membrane Antigen in Stray Cats
Cohen, D. and Essex, M  342
Interaction of EBNA with Anti-EBNA Antibody and DNA
Hirsch, I.; Suchánková, A.; Kuchlerová, L.; Bíichádeck, B., and Vonka, V  348
Early Nuclear Antigen as DNA-Binding Protein in Cytomegalovirus-Infected Cells
Gergely, L.; Czeglédy, J., and Váczi, L  352
Two-Hit Kinetics of Focus Formation in Cells Transfected with Rous Sarcoma Provirus
Hillova, J. and Hill, M  357

Subject Index  364
Author Index  366