The Journal of General Virology
Volume 70, Part 11, November 1989

REVIEW ARTICLE
Some Highlights of Virus Research in 1988. By R. HULL and D. J. McGECH. 2825-2842

PLANT
Nucleotide Sequence of the Capsid Protein Gene of Barley Yellow Mosaic Virus. By S. KASHIWAZAKI, Y. HAYANO, Y. MINOBE, T. OMURA, H. HIBINO and T. TSUCHIZAKI 3015-3023
Nucleotide Sequences of 5' and 3' Non-coding Regions of Pepper Mild Mottle Virus Strain S RNA. By M. J. AVILA-RINCON, M. L. FERRERO, E. ALONSO, I. GARCIA-LUQUE and J. R. DIAZ-RUIZ 3025-3031
Coat Protein of Melon Necrotic Spot Carmovirus Is More Similar to Those of Tombusviruses than Those of Carmoviruses. By C. J. RIVIERE, J. POT, J. H. TREMAINE and D. M. ROCHON. 3033-3042
In vitro Translation of Apple Chlorotic Leaf Spot Virus RNA. By N. YOSHIKAWA and T. TAKAHASHI. 3051-3054

ANIMAL
The Cloning and Expression in Escherichia coli of Sequences Coding for p24, the Core Protein of Human Immunodeficiency Virus, and the Use of the Recombinant Protein in Characterizing a Panel of Monoclonal Antibodies against the Viral p24 Protein. By R. P. SPENCE, W. M. JARVILL, R. B. FERNs, R. S. TEDDER and D. PARKER 2843-2851
The Expression in Escherichia coli of Sequences Coding for the p18 Protein of Human Immunodeficiency Virus, and the Use of the Recombinant Protein in Characterizing a Panel of Monoclonal Antibodies against the Viral p18 Protein. By R. P. SPENCE, J. WALKER, W. M. JARVILL, R. B. FERNs, R. S. TEDDER, Q. SATTENTAU, J. WEBER, N. R. PARRY and P. E. HIGFIELD 2853-2863
Topographical and Functional Mapping of Epitopes on Hog Cholera Virus with Monoclonal Antibodies. By G. WENSVOORT 2865-2876
Specificity of the Murine T Helper Cell Immune Response to Various Alphaviruses. By J. M. MATHEWS and J. T. ROEHRIg 2877-2886
Virulent Avian Influenza A Viruses: Their Effect on Avian Lymphocytes and Macrophages in vivo and in vitro. By H. VAN CAMPEN, B. C. EASTERDAY and V. S. HINSHAW 2887-2895
Molecular Pathogenesis of Neural Lesions Induced by Poliovirus Type 1. By T. COUDERC, C. CHRISTODOULOU, H. KOPECKA, S. MARSDEN, L. F. TAFFS, R. CRAINIC and F. HORAUD. 2907-2918
Serological Prospects for Peptide Vaccines against Foot-and-Mouth Disease Virus. By N. R. PARRY, E. J. OULD-RIDGE, P. V. BARNETT, B. E. CLARKE, M. J. FRANCIS, J. D. FOX, D. J. ROWLANDS and F. BROWN 2919-2930
Hydrolysis of a Series of Synthetic Peptide Substrates by the Human Rhinovirus 14 3C Proteinase, Cloned and Expressed in Escherichia coli. By D. C. ORR, A. C. LONG, J. KAY, B. M. DUNN and J. M. CAMERON 2931-2942
Effect of Serial Passage on Genetic Homogeneity of a Plaque Variant of Lymantria dispar Nuclear Polyhedrosis Virus (Hamden LDP-67). By T. CUSACK and W. J. MCCARTHY 2963-2972
Identification of Immunogenic Regions of the Major Coat Protein of Human Papillomavirus Type 16 that Contain Type-restricted Epitopes. By J. CASON, D. PATEL, J. NAYLOR, D. LUNNEY, P. S. SHEPHERD, J. M. BEST and D. J. MCCANCE

The Role of Methylation in the Phenotype-dependent Modulation of Epstein–Barr Nuclear Antigen 2 and Latent Membrane Protein Genes in Cells Latently Infected with Epstein–Barr Virus. By I. ERNBERG, K. FALK, J. MINAROVITS, P. BUSSON, T. TURSZ, M. G. MASUCCI and G. KLEIN


Nucleotide and Predicted Amino Acid Sequences of the Marek’s Disease Virus and Turkey Herpesvirus Thymidine Kinase Genes; Comparison with Thymidine Kinase Genes of Other Herpesviruses. By S. D. SCOTT, N. L. J. ROSS and M. M. BINNS

Location and Characterization of the Bovine Herpesvirus Type 2 Thymidine Kinase Gene. By M. SHEPPARD and J. T. MAY

The Herpes Simplex Virus Type 2 (HG52) Variant JH2604 Has a 1488 bp Deletion which Eliminates Neurovirulence in Mice. By M. Y. TAHA, G. B. CLEMENTS and S. M. BROWN

The Terminal Protein Gene 2 of Epstein–Barr Virus Is Transcribed from a Bidirectional Latent Promoter Region. By G. LAUX, A. ECONOMOU and P. J. FARRELL

Identification of 21 Genes of Infectious Laryngotracheitis Virus Using Random Sequencing of Genomic DNA. By A. M. GRIFFIN

Expression of the Human Parvovirus B19 Protein Fused to Protein A in Escherichia coli: Recognition by IgM and IgG Antibodies in Human Sera. By F. MORINET, L. D’AURIOL, J. D. TRATSCHEIN and F. GALIBERT


Location of Neutralizing Epitopes on the Fusion Protein of Newcastle Disease Virus Strain Beaudette C. By K. YUSOFF, M. NIESBIT, H. MCCARTNEY, G. MEULEMANS, D. J. ALEXANDER, M. S. COLLINS, P. T. EMMERSON and A. C. R. SAMSON

Typing of Human Rhinoviruses Based on Sequence Variations in the 5' Non-coding Region. By H. TORGENSEN, T. SKERN and D. BLAAS

© Society for General Microbiology 1989

Computer typeset by SB Datagraphics Ltd. Printed in Great Britain by Spottiswoode Ballantyne Printers Ltd