REVIEW

Molecular evolution of the insect-specific flaviviruses
S. Cook, G. Moureau, A. Kitchen, E. A. Gould, X. de Lamballerie,
E. C. Holmes and R. E. Harbach
223–234

ANIMAL

RNA viruses
Hepatitis C virus activates interleukin-1β via caspase-1-inflammasome complex
235–246

Generation of T-cell receptors targeting a genetically stable and immunodominant cytotoxic T-lymphocyte epitope within hepatitis C virus non-structural protein 3
A. Pasetto, L. Frelin, A. Brass, A. Yasmeen, S. Koh, V. Lohmann,
R. Bartenschlager, I. Magalhaes, M. Mauerer, M. Sällberg
and M. Chen
247–258

Diversity of murine norovirus in wild-rodent populations: species-specific associations suggest an ancient divergence
D. B. Smith, N. McFadden, R. J. Blundell, A. Meredith and P. Simmonds
259–266

Analysis of subcellular G3BP redistribution during rubella virus infection
J. D. Matthews and T. K. Frey
267–274

Bat severe acute respiratory syndrome-like coronavirus ORF3b homologues display different interferon antagonist activities
P. Zhou, H. Li, H. Wang, L.-F. Wang and Z. Shi
275–281

Growth of influenza A virus is not impeded by simultaneous removal of the cholesterol-binding and acylation sites in the M2 protein
B. Thaa, C. Tieslesch, L. Möller, A. O. Schmitt, T. Wolff, N. Bannert,
A. Herrmann and M. Veit
282–292

Genomic and antigenic characterization of Jos virus
A. V. Bussetti, G. Palacios, A. Travassos da Rosa, N. Savji, K. Jain,
H. Guzman, S. Hutchison, V. L. Popov, R. B. Tesh and W. I. Lipkin
293–298

Activation of the beta interferon promoter by paramyxoviruses in the absence of virus protein synthesis
M. J. Killip, D. F. Young, B. L. Precious, S. Goodbourn and R. E. Randall
299–307

The 5’ leader sequence of mouse mammary tumor virus enhances expression of the envelope and reporter genes
C. Hohenadl, W. H. Gunzburg, B. Salmons and S. Indik
308–318

Front cover illustration
Nuclear translocation and activation of STAT transcription factors in Jurkat T-cells expressing herpesvirus saimiri Tip protein. STAT-6 and -3 (red) translocate to the nucleus of Jurkat T-cells expressing GFP–Tip fusion proteins (green). Blue, nucleus stained with Topro-3 dye; merge (bottom). Images courtesy of Dr. Nam-Hyuk Cho, Department of Microbiology and Immunology, Seoul National University College of Medicine, Seoul 110-799, Republic of Korea. See the paper by Kim et al. in this issue, pp. 330–340.
DNA viruses

Glycoprotein M is important for the efficient incorporation of glycoprotein H–L into herpes simplex virus type 1 particles

Activation of the STAT6 transcription factor in Jurkat T-cells by the herpesvirus saimiri Tip protein

Characterization of novel canine bocaviruses and their association with respiratory disease

Examining the cross-reactivity and neutralization mechanisms of a panel of mAbs against adeno-associated virus serotypes 1 and 5
C. E. Harbison, W. S. Weichert, B. L. Gurda, J. A. Chiorini, M. Agbandje-McKenna and C. R. Parrish 347–355

Detection of human papillomavirus oncoprotein E7 in liquid-based cytology

Characterization of an Autographa californica multiple nucleopolyhedrovirus dual mutant: ORF82 is required for budded virus production, and a point mutation in LEF-8 alters late and abolishes very late transcription

Functional studies of per os infectivity factor 3 of Helicoverpa armigera nucleopolyhedrovirus

Choristoneura fumiferana multiple nucleopolyhedrovirus LEF-3–P143 complex can complement DNA replication and budded virus in an AcMNPV LEF-3–P143 double knockout bacmid
M. Yu and E. B. Carstens 383–388

Production of baculovirus defective interfering particles during serial passage is delayed by removing transposon target sites in fp25k
L. Giri, M. G. Feiss, B. C. Bonning and D. W. Murhammer 389–399

PLANT

Immunogenic compositions assembled from tobacco mosaic virus-generated spherical particle platforms and foreign antigens

Co-divergence and host-switching in the evolution of tobamoviruses

The evolutionary rate of citrus tristeza virus ranks among the rates of the slowest RNA viruses
G. Silva, N. Marques and G. Nolasco 419–429

Raspberry leaf blotch virus, a putative new member of the genus Emaravirus, encodes a novel genomic RNA

OTHER AGENTS

Sensitive and specific detection of sporadic Creutzfeldt–Jakob disease brain prion protein using real-time quaking-induced conversion