

Contents of volume 63

Review

- B.R. Taggart, P. Harrington, M. Hollingshead*
HIV hollow fiber SCID model for antiviral therapy comparison with SCID/hu model 1

Regular papers

- Y. Chong, C.K. Chu*
Molecular mechanism of dioxolane nucleosides against 3TC resistant M184V mutant HIV 7
- K. Nyberg, M. Ekblad, T. Bergström, C. Freeman, C.R. Parish, V. Ferro, E. Trybala*
The low molecular weight heparan sulfate-mimetic, PI-88, inhibits cell-to-cell spread of herpes simplex virus 15
- M.-L. Yu, C.-Y. Dai, S.-C. Chen, L.-P. Lee, J.-F. Huang, Z.-Y. Lin, M.-Y. Hsieh, L.-Y. Wang, W.-L. Chuang, W.-Y. Chang*
A prospective study on treatment of chronic hepatitis C with tailored and extended interferon-alpha regimens according to pretreatment virological factors 25
- D.C. Quenelle, D.J. Collins, E.R. Kern*
Cutaneous infections of mice with vaccinia or cowpox viruses and efficacy of cidofovir 33
- J.D. Morrey, C.W. Day, J.G. Julander, A.L. Olsen, R.W. Sidwell, C.D. Cheney, L.M. Blatt*
Modeling hamsters for evaluating West Nile virus therapies 41
- P.R. Wyde, E.H. Moylett, S.N. Chetty, A. Jewell, T.L. Bowlin, P.A. Piedra*
Comparison of the inhibition of human metapneumovirus and respiratory syncytial virus by NMSO3 in tissue culture assays 51

Short communication

- D.J. Bidanset, R.J. Rybak, C.B. Hartline, E.R. Kern*
Efficacy of ganciclovir and cidofovir against human cytomegalovirus replication in SCID mice implanted with human retinal tissue 61

Review

- N. Charlier, P. Leyssen, E. De Clercq, J. Neyts*
Rodent models for the study of therapy against flavivirus infections 67

Regular papers

- A. Rao, J. Balzarini, A. Carbone, A. Chimirri, E. De Clercq, A.M. Monforte, P. Monforte, C. Pannecouque, M. Zappalà*
2-(2,6-Dihalophenyl)-3-(pyrimidin-2-yl)-1,3-thiazolidin-4-ones as non-nucleoside HIV-1 reverse transcriptase inhibitors 79
- D.L. Evers, X. Wang, S.-M. Huong, D.Y. Huang, E.-S. Huang*
3,4',5-Trihydroxy-*trans*-stilbene (resveratrol) inhibits human cytomegalovirus replication and virus-induced cellular signaling 85
- N.A. Georgiou, T. van der Bruggen, M. Oudshoorn, P. de Bie, C.A. Jansen, H.S.L.M. Nottet, J.J.M. Marx, B. Sweder van Asbeck*
Mechanism of inhibition of the human immunodeficiency virus type 1 by the oxygen radical generating agent bleomycin 97

<i>Y. Skoblov, I. Karpenko, E. Shirokova, K. Popov, V. Andronova, G. Galegov, M. Kukhanova</i> Intracellular metabolism and pharmacokinetics of 5'-hydrogenphosphonate of 3'-azido-2',3'-dideoxy- thymidine, a prodrug of 3'-azido-2',3'-dideoxythymidine	107
<i>J.R. Jacob, B.E. Korba, P.J. Cote, I. Toshkov, W.E. Delaney IV, J.L. Gerin, B.C. Tennant</i> Suppression of lamivudine-resistant B-domain mutants by adefovir dipivoxil in the woodchuck hepatitis virus model	115
<i>D.M. Asmuth, M.P. Busch, M.E. Laycock, B.A. Mohr, L.A. Kalish, C.M. van der Horst</i> Hepatitis B and C viral load changes following initiation of highly active antiretroviral therapy (HAART) in patients with advanced HIV infection	123
Short communication	
<i>K.K.A. Van Rompay, M.L. Marthas, N. Bischofberger</i> Tenofovir primes rhesus macaque cells in vitro for enhanced interleukin-12 secretion	133
Review	
<i>D.W. Kimberlin</i> Current status of antiviral therapy for juvenile-onset recurrent respiratory papillomatosis	141
Regular papers	
<i>B.B. Goswami, M. Kulka, D. Ngo, T.A. Cebula</i> Apoptosis induced by a cytopathic hepatitis A virus is dependent on caspase activation following ribosomal RNA degradation but occurs in the absence of 2'-5' oligoadenylate synthetase	153
<i>S.-J. Jiang, T.-M. Lin, G.-Y. Shi, H.-L. Eng, H.-Y. Chen, H.-L. Wu</i> Inhibition of bovine herpesvirus-4 replication in endothelial cells by arsenite	167
<i>A.L. Cheam, I.G. Barr, A.W. Hampson, J. Mosse, A.C. Hurt</i> In vitro generation and characterisation of an influenza B variant with reduced sensitivity to neuraminidase inhibitors	177
<i>F. Liu, Y. Liu, Y. Meng, M. Yang, K. He</i> Structure of polysaccharide from <i>Polygonatum cyrtonema</i> Hua and the antiherpetic activity of its hydrolyzed fragments	183
<i>F. Eun-Hyung Lee, E.E. Walsh, A.R. Falsey, R.F. Betts, J.J. Treanor</i> Experimental infection of humans with A2 respiratory syncytial virus	191
<i>L. Beljaars, B.W.A. van der Strate, H.I. Bakker, C. Reker-Smit, A.-m. van Loenen-Weemaes, F.C. Wiegman, M.C. Harmsen, G. Molema, D.K.F. Meijer</i> Inhibition of cytomegalovirus infection by lactoferrin in vitro and in vivo	197
Short communication	
<i>S. Günther, M. Asper, C. Röser, L.K.S. Luna, C. Drosten, B. Becker-Ziaja, P. Borowski, H.-M. Chen, R.S. Hosmane</i> Application of real-time PCR for testing antiviral compounds against Lassa virus, SARS coronavirus and Ebola virus in vitro	209
Author Index	217
Subject Index	219
Volume Contents	223