



Contents of volume 79

Review

- P.-L. Quan, T. Briese, G. Palacios, W. Ian Lipkin
Rapid sequence-based diagnosis of viral infection 1

Regular Papers

- J.-C. Lin, J.-M. Cherng, M.-S. Hung, L.A. Baltina, L. Baltina, R. Kondratenko
Inhibitory effects of some derivatives of glycyrrhizic acid against Epstein-Barr virus infection: Structure–activity relationships 6
- Z. Ao, A. Patel, K. Tran, X. He, K. Fowke, K. Coombs, D. Kobasa, G. Kobinger, X. Yao
Characterization of a trypsin-dependent avian influenza H5N1-pseudotyped HIV vector system for high throughput screening of inhibitory molecules 12
- D.-H. Chung, S.C. Kumarapperuma, Y. Sun, Q. Li, Y.-K. Chu, J.B. Arterburn, W.B. Parker, J. Smith, K. Spik, H.N. Ramanathan, C.S. Schmaljohn, C.B. Jonsson
Synthesis of 1- β -D-ribofuranosyl-3-ethynyl-[1,2,4]triazole and its *in vitro* and *in vivo* efficacy against *Hantavirus* 19
- E. Frobert, J.-C. Cortay, T. Ooka, F. Najjoulallah, D. Thouvenot, B. Lina, F. Morfin
Genotypic detection of acyclovir-resistant HSV-1: Characterization of 67 ACV-sensitive and 14 ACV-resistant viruses 28
- R.S. de Almeida, D. Keita, G. Libeau, E. Albina
Structure and sequence motifs of siRNA linked with *in vitro* down-regulation of morbillivirus gene expression 37
- M. Schleiss, J. Eickhoff, S. Auerochs, M. Leis, S. Abele, S. Rechter, Y. Choi, J. Anderson, G. Scott, W. Rawlinson, D. Michel, S. Ensminger, B. Klebl, T. Stamminger, M. Marschall
Protein kinase inhibitors of the quinazoline class exert anti-cytomegaloviral activity *in vitro* and *in vivo* 49
- C.-T. Su, J.T.-A. Hsu, H.-P. Hsieh, P.-H. Lin, T.-C. Chen, C.-L. Kao, C.-N. Lee, S.-Y. Chang
Anti-HSV activity of digitoxin and its possible mechanisms 62
- J.D. Morrey, N.E. Motter, B. Taro, M. Lay, J. Fairman
Efficacy of cationic lipid–DNA complexes (CLDC) on hepatitis B virus in transgenic mice 71

Regular Papers

- K. Pabbaraju, K.C.Y. Ho, S. Wong, S. Shokoples, X.-L. Pang, K. Fonseca, J.D. Fox
Adamantane resistance in circulating human influenza A viruses from Alberta, Canada (1970–2007) 81
- Y. Gao, W. Liu, H. Gao, X. Qi, H. Lin, X. Wang, R. Shen
Effective inhibition of infectious bursal disease virus replication *in vitro* by DNA vector-based RNA interference 87
- H. Jia, X. Ge, X. Guo, H. Yang, K. Yu, Z. Chen, Y. Chen, Z. Cha
Specific small interfering RNAs-mediated inhibition of replication of porcine encephalomyocarditis virus in BHK-21 cells 95
- D.L. Barnard, C.W. Day, K. Bailey, M. Heiner, R. Montgomery, L. Lauridsen, K.-H. Jung, J.K.-K. Li, P.K.S. Chan, R.W. Sidwell
Is the anti-psychotic, 10-(3-(dimethylamino)propyl)phenothiazine (promazine), a potential drug with which to treat SARS infections? Lack of efficacy of promazine on SARS-CoV replication in a mouse model 105
- J. Li, H. Huang, M. Feng, W. Zhou, X. Shi, P. Zhou
In vitro and *in vivo* anti-hepatitis B virus activities of a plant extract from *Geranium carolinianum* L 114

<i>A. Nalca, J.M. Hatkin, N.L. Garza, D.K. Nichols, S.W. Norris, D.E. Hruby, R. Jordan</i> Evaluation of orally delivered ST-246 as postexposure prophylactic and antiviral therapeutic in an aerosolized rabbitpox rabbit model	121
<i>N. Solaroli, M. Johansson, L. Persoons, J. Balzarini, A. Karlsson</i> Substrate specificity of feline and canine herpesvirus thymidine kinase	128
Short Communications	
<i>D.C. Quenelle, D.J. Collins, L.R. Pettway, C.B. Hartline, J.R. Beadle, W.B. Wan, K.Y. Hostetler, E.R. Kern</i> Effect of oral treatment with (S)-HPMPA, HDP-(S)-HPMPA or ODE-(S)-HPMPA on replication of murine cytomegalovirus (MCMV) or human cytomegalovirus (HCMV) in animal models	133
<i>N. Darbinian, Y. Popov, K. Khalili, S. Amini</i> Creation of a bi-directional protein transduction system for suppression of HIV-1 expression by p27SJ	136
<i>A. Scagliarini, C.J. McInnes, L. Gallina, F. Dal Pozzo, L. Scagliarini, R. Snoeck, S. Prosperi, J. Sales, J.A. Gilray, P.F. Nettleton</i> Erratum to "Antiviral activity of HPMPA (cidofovir) against orf virus infected lambs" [Antiv. Res. 73 (2007) 169–174]	142
Reviews	
<i>E.d.S. Pinheiro, O.A.C. Antunes, J.M.D. Fortunak</i> A survey of the syntheses of active pharmaceutical ingredients for antiretroviral drug combinations critical to access in emerging nations	143
<i>C.F. Basler, P.V. Aguilar</i> Progress in identifying virulence determinants of the 1918 H1N1 and the Southeast Asian H5N1 influenza A viruses	166
<i>M.S. Collett, J. Neyts, J.F. Modlin</i> A case for developing antiviral drugs against polio	179
Regular Papers	
<i>S.-H. Kim, Y.W. Shin, K.-W. Hong, K.-H. Chang, K.-H. Ryoo, S.-H. Paik, J.-M. Kim, B. Brotman, W. Pfahler, A.M. Prince</i> Neutralization of hepatitis B virus (HBV) by human monoclonal antibody against HBV surface antigen (HBsAg) in chimpanzees	188
<i>H. Jenssen, K. Sandvik, J.H. Andersen, R.E.W. Hancock, T.J. Gutteberg</i> Inhibition of HSV cell-to-cell spread by lactoferrin and lactoferricin	192
<i>C.-Y. Su, S.-Y. Wang, J.-J. Shie, K.-S. Jeng, N.J. Temperton, J.-M. Fang, C.-H. Wong, Y.-S.E. Cheng</i> In vitro evaluation of neuraminidase inhibitors using the neuraminidase-dependent release assay of hemagglutinin-pseudotyped viruses	199
Contents of Volume	206