

Contents of volume 59

Review

J.-M. Pawlotsky

- Mechanisms of antiviral treatment efficacy and failure in chronic hepatitis C 1

Regular papers

E.Z. Baum, P.C. Wagaman, L. Ly, I. Turchi, J. Le, D. Bucher, K. Bush

- A point mutation in influenza B neuraminidase confers resistance to peramivir and loss of slow binding 13

A. Oevermann, M. Engels, U. Thomas, A. Pellegrini

- The antiviral activity of naturally occurring proteins and their peptide fragments after chemical modification 23

M.-L. Yu, C.-Y. Dai, C.-C. Chiu, L.-P. Lee, Z.-Y. Lin, S.-C. Chen, M.-Y. Hsieh, L.-Y. Wang, C.-J. Chen, W.-L. Chuang, W.-Y. Chang

- Tumor necrosis factor α promoter polymorphisms at position –308 in Taiwanese chronic hepatitis C patients treated with interferon-alpha 35

J.-C. Lin

- Mechanism of action of glycyrrhizic acid in inhibition of Epstein-Barr virus replication in vitro 41

S.W. Wassilew, P. Wutzler, on behalf of the Brivudin Herpes Zoster Study Group

- Oral brivudin in comparison with acyclovir for improved therapy of herpes zoster in immunocompetent patients: results of a randomized, double-blind, multicentered study 49

Short communications

S.W. Wassilew, P. Wutzler, on behalf of the Brivudin Herpes Zoster Study Group

- Oral brivudin in comparison with acyclovir for herpes zoster: a survey study on postherpetic neuralgia 57

J. Zheng, L. Si, J. Song, X. Sun, J. Yu, Y. Wang

- Enhanced immune response to DNA-based HPV16L1 vaccination by costimulatory molecule B7-2 61

K. Devadas, P. Zhou, D. Tewari, A.L. Notkins

- Inhibition of HIV-1 replication by the combined action of anti-gp41 single chain antibody and IL-16 67

Review

R.J. Visalli, M. van Zeijl

- DNA encapsidation as a target for anti-herpesvirus drug therapy 73

Regular papers

S. Bocklandt, P.M. Blumberg, D.H. Hamer

- Activation of latent HIV-1 expression by the potent anti-tumor promoter 12-deoxyphorbol 13-phenylacetate 89

A.N. Vzorov, L.G. Marzilli, R.W. Compans, D.W. Dixon

- Prevention of HIV-1 infection by phthalocyanines 99

R.D. Dix, E.R. Podack, S.W. Cousins

- Murine cytomegalovirus retinitis during retrovirus-induced immunodeficiency (MAIDS) in mice: interleukin-2 immunotherapy correlates with increased intraocular levels of perforin mRNA 111

<i>B. Helliot, B. Panis, E. Frison, E. De Clercq, R. Swennen, P. Lepoivre, J. Neyts</i> The acyclic nucleoside phosphonate analogues, adefovir, tenofovir and PMEDAP, efficiently eliminate banana streak virus from banana (<i>Musa</i> spp.)	121
<i>G. Meiyu, L. Fuchuan, X. Xianliang, L. Jing, Y. Zuowei, G. Huashi</i> The potential molecular targets of marine sulfated polymannuroguluronate interfering with HIV-1 entry. Interaction between SPMG and HIV-1 rgp120 and CD4 molecule	127
Short communication	
<i>M. Armand-Ugón, A. Gutiérrez, B. Clotet, J.A. Esté</i> HIV-1 resistance to the gp41-dependent fusion inhibitor C-34	137
Regular papers	
<i>C.T. Lowden, K.F. Bastow</i> Cell culture replication of herpes simplex virus and, or human cytomegalovirus is inhibited by 3,7-dialkoxy- lated, 1-hydroxyacridone derivatives	143
<i>J.G. Julander, R.J. Colonno, R.W. Sidwell, J.D. Morrey</i> Characterization of antiviral activity of entecavir in transgenic mice expressing hepatitis B virus	155
<i>S.L. Ciesla, J. Trahan, W.B. Wan, J.R. Beadle, K.A. Aldern, G.R. Painter, K.Y. Hostetler</i> Esterification of cidofovir with alkoxyalkanols increases oral bioavailability and diminishes drug accumulation in kidney	163
<i>H. Mo, L. Lu, T. Dekhtyar, K.D. Stewart, E. Sun, D.J. Kempf, A. Molla</i> Characterization of resistant HIV variants generated by in vitro passage with lopinavir/ritonavir	173
<i>J.M. Moreau, K.D. Dyer, C.A. Bonville, T. Nitto, N.L. Vasquez, A.J. Easton, J.B. Domachowske, H.F. Rosenberg</i> Diminished expression of an antiviral ribonuclease in response to pneumovirus infection in vivo	181
<i>M. Garneau, G.T. Bolger, C. Bousquet, P. Kibler, F. Tremblay, M.G. Cordingley</i> HPMPC therapy of MCMV-induced retinal disease in the SCID mouse measured by electroretinography, a non-invasive technique	193
Author Index	201
Subject Index	203
Volume Contents	207