

Contents of Volume 11

No. 1

Editorial	1
<i>M.G. Rossmann (U.S.A.)</i> The structure of antiviral agents that inhibit uncoating when complexed with viral capsids (AVR 00332)	3
<i>P.R. Wyde, B.E. Gilbert and M.W. Ambrose (U.S.A.)</i> Comparison of the anti-respiratory syncytial virus activity and toxicity of papaverine hydrochloride and pyrazofurin in vitro and in vivo (AVR 00334)	15
<i>P.D. Reuman, D.I. Berstein, M.C. Keefer, E.C. Young, J.R. Sherwood and G.M. Schiff (U.S.A.)</i> Efficacy and safety of low dosage amantadine hydrochloride as prophylaxis for influenza A (AVR 00335)	27
<i>P.D. Nagy, R. Gáborjányi, L. Kovács and I. Farkas (Hungary)</i> Antiviral activity of tiazofurine against barley stripe mosaic virus (Short Communication) (AVR 00330)	41
<i>J.M. Lopez Pila, H. Kopecka and D. Vanden Berghe (F.R.G., France, Belgium)</i> Lack of evidence for strand-specific inhibition of poliovirus RNA synthesis by 3-methylquercetin (Short Communication) (AVR 00331)	47
Announcement	55

No. 2

<i>G.D. Morse, J. Olson, A. Portmore, C. Taylor, C. Plank and R.C. Reichman (U.S.A.)</i> Pharmacokinetics of orally administered zidovudine among patients with hemophilia and asymptomatic human immunodeficiency virus (HIV) infection (AVR 00336)	57
<i>J.J. Brisebois, V.M. Dumas and J.H. Joncas (Canada)</i> Comparison of two methods in the determination of the sensitivity of 84 herpes simplex virus (HSV) type 1 and 2 clinical isolates to acyclovir and alpha-interferon (AVR 00337)	67
<i>V. Ruggiero, G. Antonelli, G. Conciatori, M. Gentile, J. Van Damme and F. Dianzani (Belgium)</i> The in vitro antiviral activity of tumor necrosis factor (TNF) in WISH cells is mediated by IFN-induction (AVR 00338)	77
<i>N.M. Garcon, H.R. Six, J. Frazer, C. Hazlewood, B.E. Gilbert and V. Knight (U.S.A.)</i> Liposomes of enviroxime and phosphatidylcholine: definition of the drug-phospholipid interactions (AVR 00341)	89

J.D. Shanley and R.J. Debs (U.S.A.)

The folate antagonist, methotrexate, is a potent inhibitor of murine and human cytomegalovirus in vitro (AVR 00339) 99

Announcement 107

No. 3

R.C. Reichman and D.G. Strike (U.S.A.)

Pathogenesis and treatment of human genital papillomavirus infections: a review 109

D.R. Pontani, D. Sun, J.W. Brown, S.I. Shahied, O.J. Plescia, C.P. Schaffner, G. Lopez-Berestein and P.S. Sarin (U.S.A.)

Inhibition of HIV replication by liposomal encapsulated amphotericin B 119

J.E. Herrmann, M. Burns, K. West and F.A. Ennis (U.S.A.)

Efficacy of rimantadine hydrochloride in the treatment of influenza infection of mice 127

D.C. Montefiori, W.E. Robinson, Jr. and W.M. Mitchell (U.S.A.)

Antibody-independent, complement-mediated enhancement of HIV-1 infection by mannoside I and II inhibitors 137

N.S. Zeidner, J.D. Strobel, N.A. Perigo, D.L. Hill, J.I. Mullins and E.A. Hoover (U.S.A.)

Treatment of FeLV-induced immunodeficiency syndrome (FeLV-FAIDS) with controlled release capsular implantation of 2',3'-dideoxycytidine 147

No. 4

J. Balzarini, P. Herdewijn and E. De Clercq (Belgium)

Potentiating effect of ribavirin on the anti-retrovirus activity of 3'-azido-2,6-diaminopurine-2',3'-dideoxyriboside in vitro and in vivo 161

S. Ikeda, T. Tominaga, C. Nishimura, J.Y. Homma, M. Kiso and A. Hasegawa (Japan)

Antiherpes activity of chemically synthesized lipid A-subunit analogue GLS-60 in immunosuppressed mice 173

R.A. de Man, J. Lindemans, S.W. Schalm and F.J.W. ten Kate (The Netherlands)

β -Microglobulin and antiviral therapy for chronic hepatitis type B 181

M.A. Nokta and R.B. Pollard (U.S.A.)

Differential reconstitution of zidovudine-induced inhibition of mitogenic responses by interleukin-2 in peripheral blood mononuclear cells from patients with human immunodeficiency virus infection 191

L.R. Starberry, C.J. Harrison, D.I. Bernstein, R.L. Burke, R. Shukla, G. Ott and M.M. Myers (U.S.A.)

Herpes simplex glycoprotein immunotherapy of recurrent genital herpes: factors influencing efficacy 203

Erratum 215

Announcement 216

No. 5-6*J.M. Hu and G.D. Hsiung (U.S.A.)*

Evaluation of new antiviral agents: I. In vitro perspectives 217

H. Nakashima, O. Yoshida, M. Baba, E. De Clercq and N. Yamamoto (Belgium)

Anti-HIV activity of dextran sulphate as determined under different experimental conditions 233

F. Superti, L. Seganti, N. Orsi, M. Divizia, R. Gabrieli, A. Panà and P.L. Stein (Italy)

Effect of isoflavans and isoflavones on the infection of Frp/3 cells by hepatitis A virus 247

T. Hattori, S. Ikematsu, A. Koito, S. Matsushita, Y. Maeda, M. Hada, M. Fujimaki and K. Takatsuki (Japan)

Preliminary evidence for inhibitory effect of glycyrrhizin on HIV replication in patients with AIDS 255

*H.D. Tabbà, R.S. Chang and K.M. Smith (U.S.A.)*Isolation, purification, and partial characterization of prunellin, an anti-HIV component from aqueous extracts of *Prunella vulgaris* 263*H.T. Zwartouw, C.R. Humphreys and P. Collins (U.K.)*

Oral chemotherapy of fatal B virus (herpesvirus simiae) infection 275

K. Fukuchi, H. Sakagami, T. Okuda, T. Hatano, S.-i. Tanuma, Y. Inoue, S. Inoue, S. Ichikawa, M. Nonoyama and K. Konno (Japan, U.S.A.)

Inhibition of herpes simplex virus infection by tannins and related compounds 285

F. Dianzani, M.R. Capobianchi, G. Antonelli, P. Amicucci and F. de Marco (Italy)

Susceptibility of human immunodeficiency virus to antiviral agents measured by infectious virus yield reduction (Short Communication) 299

G. Schuster, K.A. Davarsky and G.N. Vassilev (G.D.R., Bulgaria)

Enhanced inhibition of plant virus replication by pyridylthiourea compounds complexed with metal ions (Short Communication) 307

O.I. Kubar, E.A. Brjantseva, L.E. Nikitina and D.M. Zlydnikov (U.S.S.R.)

The importance of virus drug-resistance in the treatment of influenza with rimantadine (Short Communication) 313

Announcement 317

Contents of Volume 11 319

Author Index 323

Subject Index 327