

Subject Index

- Acid-catalyzed fusion reaction;** Influenza virus; Bafilomycin A1; Vacuolar type-proton pump (Ochiai, H. (27) 425)
- Acyclovir;** Combined antiviral effect; Herpes simplex virus; Traditional herbal medicine; Herbal extract (Kurokawa, M. (27) 19)
Drug resistance; Foscarnet; Generalized infection; Herpes simplex virus (Li, Y.-y. (27) 111)
Penciclovir; Plaque formation; Cross-resistance; Varicella-zoster virus (Hasegawa, T. (27) 271)
- AIDS;** HIV; HIV-1-specific RT inhibitor; TSAO-T; 3'-Spironucleoside; Reverse transcriptase inhibitor (Ingate, S. (27) 281)
- Anti-herpes virus activity;** 9-(Phosphonopentenyl) derivatives of guanine; Anti-HIV-1 activity; Phosphorylation; Guanylate kinase (Navé, J.-F. (27) 301)
- Anti-HIV-1 activity;** 9-(Phosphonopentenyl) derivatives of guanine; Anti-herpes virus activity; Phosphorylation; Guanylate kinase (Navé, J.-F. (27) 301)
- Anti-HIV agent;** Visna virus; Antiviral agent (Thormar, H. (27) 49)
- Antioxidant;** Herpes simplex virus; Glutathione; Antiviral agent (Palamara, A.T. (27) 237)
- Antiretroviral activity;** Stavudine; HIV (Riddler, S.A. (27) 189)
- Antiviral action;** 1-(Ethoxymethyl)-6-(phenylselenenyl)-5-ethyluracil (E-EPSeU); Pharmacokinetics; Toxicity (Ni, L. (27) 39)
Paramyxoviruses; Respiratory syncytial virus; Pneumonia; *N*-(phosphonyl)-L-aspartate (PALA) (Wyde, P.R. (27) 59)
- Antiviral activity;** HIV-1 protease; Non-peptidic inhibitors; Enols (Vaillancourt, M. (27) 205)
Human immunodeficiency virus; Distamycin analog (Clanton, D.J. (27) 335)
- Antiviral agent;** Visna virus; Anti-HIV agent (Thormar, H. (27) 49)
Saussurea lappa Clarks; Sesquiterpene lactone; Gene regulation (Chen, H.-C. (27) 99)
- Herpes simplex virus; Glutathione; Antioxidant (Palamara, A.T. (27) 237)
Conjunctivitis; Enterovirus; Coxsackievirus; Eye disease (Langford, M.P. (27) 355)
Virus inhibitor; Host defense; Sindbis virus (Singh, I.P. (27) 375)
- Antiviral compound;** HIV-1; Mouse (Sato, A. (27) 151)
- Antiviral substance;** Rickettsial extract; Immunomodulator; RVF virus (Zvilich, M. (27) 137)
- Ascorbic acid;** Mucocutaneous herpes; Recurrence; Herpes labialis; Topical treatment; Herpes simplex virus (Hovi, T. (27) 263)
- AZT;** HIV; Severe combined immunodeficient (SCID) mouse; Mouse model (Alder, J. (27) 85)
- Bafilomycin A1;** Influenza virus; Vacuolar type-proton pump; Acid-catalyzed fusion reaction (Ochiai, H. (27) 425)
- Caffeoylquininate;** Lignan; Galloylquininate; Galloylshikimate; Reverse transcriptase inhibition (Chang, C.-W. (27) 367)
- Chicken;** Sialidase inhibitor; 4-Guanidino-Neu5Ac2en; Influenza virus (McCauley, J.W. (27) 179)
- Chloroform-methanol residue;** *Coxiella burnetii*; Immunomodulator; Rift Valley fever virus (Zvilich, M. (27) 389)
- Clinical trial;** Zidovudine; Didanosine; Combination therapy; Human immunodeficiency virus (HIV) (Morse, G.D. (27) 419)
- Combination therapy;** Zidovudine; Didanosine; Human immunodeficiency virus (HIV); Clinical trial (Morse, G.D. (27) 419)
- Combined antiviral effect;** Acyclovir; Herpes simplex virus; Traditional herbal medicine; Herbal extract (Kurokawa, M. (27) 19)

- Conjunctivitis**; Enterovirus; Coxsackievirus; Eye disease; Antiviral agent (Langford, M.P. (27) 355)
- Coxiella burnetii***; Chloroform-methanol residue; Immunomodulator; Rift Valley fever virus (Zvilich, M. (27) 389)
- Coxsackievirus**; Conjunctivitis; Enterovirus; Eye disease; Antiviral agent (Langford, M.P. (27) 355)
- Cross-resistance**; Acyclovir; Penciclovir; Plaque formation; Varicella-zoster virus (Hasegawa, T. (27) 271)
- Didanosine**; Zidovudine; Combination therapy; Human immunodeficiency virus (HIV); Clinical trial (Morse, G.D. (27) 419)
- Dideoxyinosine**; Rauscher murine leukemia virus; Ribavirin; Enhancement (Allen, L.B. (27) 317)
- Distamycin analog**; Human immunodeficiency virus; Antiviral activity (Clanton, D.J. (27) 335)
- Drug resistance**; Acyclovir; Foscarnet; Generalized infection; Herpes simplex virus (Li, Y.-y. (27) 111)
- Duck hepatitis B virus**; Ganciclovir; Relapse; Viral supercoiled DNA (Dean, J. (27) 171)
- Enhanced potency**; Nucleotide prodrug; Intracellular delivery; Increased absorption; Enhanced selectivity; Reduced toxicity (Jones, R.J. (27) 1)
- Enhanced selectivity**; Nucleotide prodrug; Intracellular delivery; Increased absorption; Enhanced potency; Reduced toxicity (Jones, R.J. (27) 1)
- Enhancement**; Rauscher murine leukemia virus; Ribavirin; Dideoxyinosine (Allen, L.B. (27) 317)
- Enols**; HIV-1 protease; Antiviral activity; Non-peptidic inhibitors (Vaillancourt, M. (27) 205)
- Enterovirus**; Conjunctivitis; Coxsackievirus; Eye disease; Antiviral agent (Langford, M.P. (27) 355)
- Enterovirus infection**; Flavanoid; RNA synthesis; Protein synthesis (Genovese, D. (27) 123)
- 1-(Ethoxymethyl)-6-(phenylselenenyl)-5-ethyluracil (E-EPSeU)**; Antiviral action; Pharmacokinetics; Toxicity (Ni, L. (27) 39)
- Eye disease**; Conjunctivitis; Enterovirus; Coxsackievirus; Antiviral agent (Langford, M.P. (27) 355)
- Flavanoid**; Enterovirus infection; RNA synthesis; Protein synthesis (Genovese, D. (27) 123)
- Foscarnet**; Acyclovir; Drug resistance; Generalized infection; Herpes simplex virus (Li, Y.-y. (27) 111)
- Human cytomegalovirus; L-ascorbic acid 2-phosphate; Ganciclovir (Cinatl, J. (27) 405)
- Galloylquininate**; Lignan; Caffeoylquininate; Galloylshikimate; Reverse transcriptase inhibition (Chang, C.-W. (27) 367)
- Galloylshikimate**; Lignan; Caffeoylquininate; Galloylquininate; Reverse transcriptase inhibition (Chang, C.-W. (27) 367)
- Ganciclovir**; Duck hepatitis B virus; Relapse; Viral supercoiled DNA (Dean, J. (27) 171)
- Human cytomegalovirus; L-ascorbic acid 2-phosphate; Foscarnet (Cinatl, J. (27) 405)
- Generalized infection**; Acyclovir; Drug resistance; Foscarnet; Herpes simplex virus (Li, Y.-y. (27) 111)
- Gene regulation**; *Saussurea lappa* Clarks; Sesquiterpene lactone; Antiviral agent (Chen, H.-C. (27) 99)
- Glutathione**; Herpes simplex virus; Antioxidant; Antiviral agent (Palamara, A.T. (27) 237)
- 4-Guanidino-Neu5Ac2en**; Sialidase inhibitor; Influenza virus; Chicken (McCauley, J.W. (27) 179)
- Guanylate kinase**; 9-(Phosphonopentenyl) derivatives of guanine; Anti-HIV-1 activity; Anti-herpes virus activity; Phosphorylation (Navé, J.-F. (27) 301)
- Herbal extract**; Combined antiviral effect; Acyclovir; Herpes simplex virus; Traditional herbal medicine (Kurokawa, M. (27) 19)
- Herpes labialis**; Mucocutaneous herpes; Recurrence; Topical treatment; Herpes simplex virus; Ascorbic acid (Hovi, T. (27) 263)
- Herpes simplex virus**; Combined antiviral effect; Acyclovir; Traditional herbal medicine; Herbal extract (Kurokawa, M. (27) 19)
- Acyclovir; Drug resistance; Foscarnet; Generalized infection (Li, Y.-y. (27) 111)
- Glutathione; Antioxidant; Antiviral agent (Palamara, A.T. (27) 237)
- Virus reactivation; Recurrent herpetic disease; Propranolol; Latency (Gebhardt, B.M. (27) 255)
- Mucocutaneous herpes; Recurrence; Herpes labialis; Topical treatment; Ascorbic acid (Hovi, T. (27) 263)
- HIV**; Severe combined immunodeficient (SCID) mouse; Mouse model; AZT (Alder, J. (27) 85)
- Stavudine; Antiretroviral activity (Riddler, S.A. (27) 189)
- Antiviral activity; Distamycin analog (Clanton, D.J. (27) 335)

- Zidovudine; Didanosine; Combination therapy; Clinical trial (Morse, G.D. (27) 419)
- HIV-1**; Antiviral compound; Mouse (Sato, A. (27) 151)
HIV-1-specific RT inhibitor; TSAO-T; 3'-Spironucleoside; Reverse transcriptase inhibitor; AIDS (Ingate, S. (27) 281)
- HIV-1 protease**; Antiviral activity; Non-peptidic inhibitors; Enols (Vaillancourt, M. (27) 205)
- HIV-1-specific RT inhibitor**; HIV; TSAO-T; 3'-Spironucleoside; Reverse transcriptase inhibitor; AIDS (Ingate, S. (27) 281)
- Host defense**; Virus inhibitor; Antiviral agent; Sindbis virus (Singh, I.P. (27) 375)
- HSV**; Ribonucleotide reductase; Zosteriform rash model; MDL 101,731 (Bridges, C.G. (27) 325)
- Human cytomegalovirus**; L-ascorbic acid 2-phosphate; Ganciclovir; Foscarnet (Cinatl, J. (27) 405)
- Immunomodulator**; Antiviral substance; Rickettsial extract; RVF virus (Zvilich, M. (27) 137)
Coxiella burnetii; Chloroform-methanol residue; Rift Valley fever virus (Zvilich, M. (27) 389)
- Increased absorption**; Nucleotide prodrug; Intracellular delivery; Enhanced potency; Enhanced selectivity; Reduced toxicity (Jones, R.J. (27) 1)
- Influenza virus**; Sialidase inhibitor; 4-Guanidino-Neu5Ac2en; Chicken (McCauley, J.W. (27) 179)
Bafilomycin A1; Vacuolar type-proton pump; Acid-catalyzed fusion reaction (Ochiai, H. (27) 425)
- Intracellular delivery**; Nucleotide prodrug; Increased absorption; Enhanced potency; Enhanced selectivity; Reduced toxicity (Jones, R.J. (27) 1)
- L-ascorbic acid 2-phosphate**; Human cytomegalovirus; Ganciclovir; Foscarnet (Cinatl, J. (27) 405)
- Latency**; Herpes simplex virus; Virus reactivation; Recurrent herpetic disease; Propranolol (Gebhardt, B.M. (27) 255)
- Lignan**; Caffeoylquininate; Galloylquininate; Galloylshikimate; Reverse transcriptase inhibition (Chang, C.-W. (27) 367)
- MDL 101,731**; Ribonucleotide reductase; HSV; Zosteriform rash model (Bridges, C.G. (27) 325)
- Mouse**; HIV-1; Antiviral compound (Sato, A. (27) 151)
- Mouse model**; HIV; Severe combined immunodeficient (SCID) mouse; AZT (Alder, J. (27) 85)
- Mucocutaneous herpes**; Recurrence; Herpes labialis; Topical treatment; Herpes simplex virus; Ascorbic acid (Hovi, T. (27) 263)
- Non-peptidic inhibitors**; HIV-1 protease; Antiviral activity; Enols (Vaillancourt, M. (27) 205)
- Nucleotide prodrug**; Intracellular delivery; Increased absorption; Enhanced potency; Enhanced selectivity; Reduced toxicity (Jones, R.J. (27) 1)
- Oxathiin carboxanilide, HIV, Resistance, AIDS**; (Balzarini, J. (27) 219)
- N-(phosphonyl)-L-aspartate (PALA)**; Paramyxoviruses; Respiratory syncytial virus; Pneumonia; Antiviral action (Wyde, P.R. (27) 59)
- Paramyxoviruses**; Respiratory syncytial virus; Pneumonia; Antiviral action; *N*-(phosphonyl)-L-aspartate (PALA) (Wyde, P.R. (27) 59)
- Penciclovir**; Acyclovir; Plaque formation; Cross-resistance; Varicella-zoster virus (Hasegawa, T. (27) 271)
- Pharmacokinetics**; 1-(Ethoxymethyl)-6-(phenylselenenyl)-5-ethyluracil (E-EPSeU); Antiviral action; Toxicity (Ni, L. (27) 39)
- Phosphonoformate**; Rotavirus; Transcription-replication (Ríos, M. (27) 71)
- 9-(Phosphonopentenyl) derivatives of guanine**; Anti-HIV-1 activity; Anti-herpes virus activity; Phosphorylation; Guanylate kinase (Navé, J.-F. (27) 301)
- Phosphorylation**; 9-(Phosphonopentenyl) derivatives of guanine; Anti-HIV-1 activity; Anti-herpes virus activity; Guanylate kinase (Navé, J.-F. (27) 301)
- Plaque formation**; Acyclovir; Penciclovir; Cross-resistance; Varicella-zoster virus (Hasegawa, T. (27) 271)
- Pneumonia**; Paramyxoviruses; Respiratory syncytial virus; Antiviral action; *N*-(phosphonyl)-L-aspartate (PALA) (Wyde, P.R. (27) 59)
- Propranolol**; Herpes simplex virus; Virus reactivation; Recurrent herpetic disease; Latency (Gebhardt, B.M. (27) 255)
- Protein synthesis**; Enterovirus infection; Flavonoid; RNA synthesis (Genovese, D. (27) 123)
- Rauscher murine leukemia virus**; Ribavirin; Dideoxyinosine; Enhancement (Allen, L.B. (27) 317)

- Recurrence;** Mucocutaneous herpes; Herpes labialis; Topical treatment; Herpes simplex virus; Ascorbic acid (Hovi, T. (27) 263)
- Recurrent herpetic disease;** Herpes simplex virus; Virus reactivation; Propranolol; Latency (Gebhardt, B.M. (27) 255)
- Reduced toxicity;** Nucleotide prodrug; Intracellular delivery; Increased absorption; Enhanced potency; Enhanced selectivity (Jones, R.J. (27) 1)
- Relapse;** Duck hepatitis B virus; Ganciclovir; Viral supercoiled DNA (Dean, J. (27) 171)
- Respiratory syncytial virus;** Paramyxoviruses; Pneumonia; Antiviral action; *N*-(phosphonyl)-L-aspartate (PALA) (Wyde, P.R. (27) 59)
- Reverse transcriptase inhibition;** Lignan; Caffeoylquinic acid; Galloylquinic acid; Galloylshikimate (Chang, C.-W. (27) 367)
- Reverse transcriptase inhibitor;** HIV; HIV-1-specific RT inhibitor; TSAO-T; 3'-Spironucleoside; AIDS (Ingate, S. (27) 281)
- Ribavirin;** Rauscher murine leukemia virus; Dideoxyinosine; Enhancement (Allen, L.B. (27) 317)
- Ribonucleotide reductase;** HSV; Zosteriform rash model; MDL 101,731 (Bridges, C.G. (27) 325)
- Rickettsial extract;** Antiviral substance; Immunomodulator; RVF virus (Zvilich, M. (27) 137)
- Rift Valley fever virus;** *Coxiella burnetii*; Chloroform-methanol residue; Immunomodulator (Zvilich, M. (27) 389)
- RNA synthesis;** Enterovirus infection; Flavanoid; Protein synthesis (Genovese, D. (27) 123)
- Rotavirus;** Transcription-replication; Phosphonoformate (Ríos, M. (27) 71)
- RVF virus;** Antiviral substance; Rickettsial extract; Immunomodulator (Zvilich, M. (27) 137)
- Saussurea lappa** Clarks; Sesquiterpene lactone; Antiviral agent; Gene regulation (Chen, H.-C. (27) 99)
- Sequence analysis;** Varicella zoster virus; Thymidine kinase (Kodama, E. (27) 165)
- Sesquiterpene lactone;** *Saussurea lappa* Clarks; Antiviral agent; Gene regulation (Chen, H.-C. (27) 99)
- Severe combined immunodeficient (SCID) mouse;** HIV; Mouse model; AZT (Alder, J. (27) 85)
- Sialidase inhibitor;** 4-Guanidino-Neu5Ac2en; Influenza virus; Chicken (McCauley, J.W. (27) 179)
- Sindbis virus;** Virus inhibitor; Host defense; Antiviral agent (Singh, I.P. (27) 375)
- 3'-Spironucleoside;** HIV; HIV-1-specific RT inhibitor; TSAO-T; Reverse transcriptase inhibitor; AIDS (Ingate, S. (27) 281)
- Stavudine;** Antiretroviral activity; HIV (Riddler, S.A. (27) 189)
- Thymidine kinase;** Varicella zoster virus; Sequence analysis (Kodama, E. (27) 165)
- Topical treatment;** Mucocutaneous herpes; Recurrence; Herpes labialis; Herpes simplex virus; Ascorbic acid (Hovi, T. (27) 263)
- Toxicity;** 1-(Ethoxymethyl)-6-(phenylselenenyl)-5-ethyluracil (E-EPSeU); Antiviral action; Pharmacokinetics (Ni, L. (27) 39)
- Traditional herbal medicine;** Combined antiviral effect; Acyclovir; Herpes simplex virus; Herbal extract (Kurokawa, M. (27) 19)
- Transcription-replication;** Rotavirus; Phosphonoformate (Ríos, M. (27) 71)
- TSAO-T;** HIV; HIV-1-specific RT inhibitor; 3'-Spironucleoside; Reverse transcriptase inhibitor; AIDS (Ingate, S. (27) 281)
- Vacuolar type-proton pump;** Influenza virus; Bafilomycin A1; Acid-catalyzed fusion reaction (Ochiai, H. (27) 425)
- Varicella zoster virus;** Thymidine kinase; Sequence analysis (Kodama, E. (27) 165)
- Varicella-zoster virus;** Acyclovir; Penciclovir; Plaque formation; Cross-resistance (Hasegawa, T. (27) 271)
- Viral supercoiled DNA;** Duck hepatitis B virus; Ganciclovir; Relapse (Dean, J. (27) 171)
- Virus inhibitor;** Host defense; Antiviral agent; Sindbis virus (Singh, I.P. (27) 375)
- Virus reactivation;** Herpes simplex virus; Recurrent herpetic disease; Propranolol; Latency (Gebhardt, B.M. (27) 255)
- Visna virus;** Antiviral agent; Anti-HIV agent (Thormar, H. (27) 49)
- Zidovudine;** Didanosine; Combination therapy; Human immunodeficiency virus (HIV); Clinical trial (Morse, G.D. (27) 419)
- Zosteriform rash model;** Ribonucleotide reductase; HSV; MDL 101,731 (Bridges, C.G. (27) 325)