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Adenosine A_{2B} receptor

Adenosine A_{2A} receptor; Adenosine A₃ receptor; P₃ purinoceptor; Coronary vasculature; Heart, perfused, rat (Harden, F.A. (307) 49)

Adenosine A₃ receptor

Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; P₃ purinoceptor; Coronary vasculature; Heart, perfused, rat (Harden, F.A. (307) 49)

Adenosine deaminase

Adenosine; Spinal cord; Adenosine kinase (Golembiowska, K. (307) 157)

Adenosine kinase

Adenosine; Spinal cord; Adenosine deaminase (Golembiowska, K. (307) 157)

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β₂-Adrenoceptor

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β₂-Adrenoceptor subtype

Uterus, rat; β₂-Adrenoceptor agonist; Pregnancy (Ohashi, T. (307) 315)

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Endothelium; Hydrogen peroxide; Sodium nitroprusside; Glyceryl trinitrate (McQuaid, K.E. (307) 233)

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Angiotensin AT₁ receptor antagonist; Blood-brain barrier; Losartan; EXP3174; GR117289; LR-B/081 (Polidori, C. (307) 259)

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Phosphoserine phosphatase; L-AP3 (L-2-amino-3-phosphonopropionic acid); Serine; Glycine (Hawkinson, J.E. (307) 219)

L-AP3 (L-2-amino-3-phosphonopropionic acid)

Phosphoserine phosphatase; D-AP3 (D-2-amino-3-phosphonopropionic acid); Serine; Glycine (Hawkinson, J.E. (307) 219)

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Amphetamine; Glucocorticoid (De Vries, T.J. (307) R3)

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GABA receptor antagonist; SR95531; Pentobarbitone; Etomidate; Hippocampal neuron (Uchida, I. (307) 89)

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Blood-brain barrier

Angiotensin AT₁ receptor antagonist; Angiotensin II-induced drinking; Losartan; EXP3174; GR117289; LR-B/081 (Polidori, C. (307) 259)

Blood pressure

Local anesthetic; Cocaine; Lidocaine; Pseudococaine; Hemodynamics; Heart rate; Desipramine (Bernards, C.M. (307) 33)

BQ-123

Endothelin-1; BQ-3020; Endothelin receptor; Cerebral circulation; Resistance arteriole, cerebral (Patel, T.R. (307) 41)

BQ-3020

Endothelin-1; BQ-123; Endothelin receptor; Cerebral circulation; Resistance arteriole, cerebral (Patel, T.R. (307) 41)

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Brain, rat

5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor; σ Receptor, subtype; Binding (Narita, N. (307) 117)

Ca²⁺

Aorta; Carotid artery; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Potassium chloride; Cholesterol (Moreland, R.S. (307) 55)

Ca²⁺ current

Anti-epileptic drug; Cortex; Neuroprotective agent (Stefani, A. (307) 113)

Ca²⁺ dependency

Microdialysis; Hippocampus; Amino acid; Uptake carrier; Vesicular release (Zuiderwijk, M. (307) 275)

Ca²⁺, intracellular, free

κ -Opioid receptor, tolerance; Inositol 1,4,5-trisphosphate; Myocyte, ventricular; U50,488H (Sheng, J.-Z. (307) 323)

Cannabinoid receptor antagonist

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Cardiac hypertrophy

Myocyte; Stretch; Angiotensin (Miyata, S. (307) 81)

Carotid artery

Aorta; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Potassium chloride; Ca²⁺; Cholesterol (Moreland, R.S. (307) 55)

Cationic current

CCK_B receptor; Neostriatal neuron; G-protein; Inositol 1,4,5-trisphosphate; Whole-cell patch-clamp recording (Wu, T. (307) 125)

CCK_B receptor

Neostriatal neuron; Cationic current; G-protein; Inositol 1,4,5-trisphosphate; Whole-cell patch-clamp recording (Wu, T. (307) 125)

Cerebral circulation

Endothelin-1; BQ-123; BQ-3020; Endothelin receptor; Resistance arteriole, cerebral (Patel, T.R. (307) 41)

c-fos

Angiotensin II; Thromboxane A₂; Smooth muscle cell (Sachinidis, A. (307) 121)

c-fos

5-HT_{1A} receptor; 5-HT_{2A/C} receptor; *ngf1c*; *tis1* (Tilakaratne, N. (307) 211)

CGS 21680

Adenosine A_{2A} receptor; Vascular conductance; Radioactive microsphere technique (Nekoeian, A.A. (307) 163)

Charcoal meal

Conditioned place preference; Tail-flick test; Formalin paw test (Singh, L. (307) 283)

CHO (Chinese hamster ovary) cell

β_2 -Adrenoceptor; Adenyl cyclase; Receptor sequestration (Gabilondo, A.M. (307) 243)

Cholesterol

Aorta; Carotid artery; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Potassium chloride; Ca²⁺ (Moreland, R.S. (307) 55)

Choline acetyltransferase

NGF (nerve growth factor); Propentofylline; Learning; Memory; Dementia model; (Rat) (Nitta, A. (307) 1)

Clozapine

Thermoregulation; Dopamine; Dopamine receptor; (Rat) (Salmi, P. (307) 27)

Cocaine

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Local anesthetic; Lidocaine; Pseudococaine; Hemodynamics; Blood pressure; Heart rate; Desipramine (Bernards, C.M. (307) 33)

Conditioned place preference

Tail-flick test; Formalin paw test; Charcoal meal (Singh, L. (307) 283)

Coronary vasculature

Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Adenosine A₃ receptor; P₃ purinoceptor; Heart, perfused, rat (Harden, F.A. (307) 49)

Corpus cavernosum

Penile erection; Endothelin; Nitric oxide (NO); (Rat) (Ari, G. (307) 69)

Cortex

Anti-epileptic drug; Ca²⁺ current; Neuroprotective agent (Stefani, A. (307) 113)

CP-99,994

Bradykinin receptor; Formaldehyde; Mast cell; Tachykinin receptor; Vascular permeability (Ito, K. (307) 291)

mCPP (1-(3-chlorophenyl)piperazine)

Hyperglycemia; 5-HT_{2C/2B} receptor; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_{2A} receptor (Sugimoto, Y. (307) 75)

Cyclooxygenase inhibitor

Indomethacin; Gram-negative sepsis; TMF (tumor necrosis factor); Sepsis (Campanile, F. (307) 191)

Dementia model

NGF (nerve growth factor); Propentofylline; Learning; Memory; Choline acetyltransferase; (Rat) (Nitta, A. (307) 1)

Dermal fibroblast, human

EGF (epidermal growth factor); MAPK (mitogen-activated protein kinase); Isoforms (p42^{mapk} and p44^{mapk}); Protein kinase C (Le Panse, R. (307) 339)

Desipramine

Local anesthetic; Cocaine; Lidocaine; Pseudococaine; Hemodynamics; Blood pressure; Heart rate (Bernards, C.M. (307) 33)

Dextromethorphan

Opiate; Withdrawal; Naloxone; Excitatory amino acid (Rosen, M.I. (307) 251)

Diazepam

κ -Opioid receptor agonist; Anticonflict effect; Vogel-type conflict test; (Mouse) (Tsuda, M. (307) 7)

Dihydrotetrabenazine

Vesicular monoamine transporter; VMAT2 (vesicular monoamine transporter type 2); MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Methoxytetrabenazine (Kilbourn, M. (307) 227)

DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane)

mCPP (1-(3-chlorophenyl)piperazine); Hyperglycemia; 5-HT_{2C/2B} receptor; 5-HT_{2A} receptor (Sugimoto, Y. (307) 75)

Dopamine

Clozapine; Thermoregulation; Dopamine receptor; (Rat) (Salmi, P. (307) 27)

Dopamine receptor

Clozapine; Thermoregulation; Dopamine; (Rat) (Salmi, P. (307) 27)

Edema

Head injury; Antioxidant free radical scavenger; Magnetic resonance imaging (Petty, M.A. (307) 149)

EDHF (endothelium-derived hyperpolarizing factor)

Endothelium; Acetylcholine; Nitric oxide (NO); Hind limb, rat (Brouwers-Ceiler, D.L. (307) 65)

EGF (epidermal growth factor)

MAPK (mitogen-activated protein kinase); Isoforms (p42^{mapk} and p44^{mapk}); Protein kinase C; Dermal fibroblast, human (Le Panse, R. (307) 339)

Emesis

Morphine; Nicotine; Tachykinin NK₁ receptor; 5-HT₃ receptor; 5-HT_{1A} receptor; Resiniferatoxin; Vomiting; Retching; (*Suncus murinus*) (Andrews, P. (307) 305)

 β -Endorphin

Morphine; SR 95531; 5-Aminovaleric acid; Tail-flick inhibition (Suh, H.-W. (307) 141)

Endothelial cell

ATP; Purinergic; Nucleotide; Purinoceptor (Motte, S. (307) 201)

Endothelin

Penile erection; Corpus cavernosum; Nitric oxide (NO); (Rat) (Ari, G. (307) 69)

Middle cerebral artery occlusion; Focal ischemia (McAuley, M.A. (307) 171)

Endothelin-1

BQ-123; BQ-3020; Endothelin receptor; Cerebral circulation; Resistance arteriole, cerebral (Patel, T.R. (307) 41)

Endothelin receptor

Endothelin-1; BQ-123; BQ-3020; Cerebral circulation; Resistance arteriole, cerebral (Patel, T.R. (307) 41)

Endothelium

Acetylcholine; Nitric oxide (NO); Hind limb, rat; EDHF (endothelium-derived hyperpolarizing factor) (Brouwers-Ceiler, D.L. (307) 65)

Albumin transfer; Hydrogen peroxide; Sodium nitroprusside; Glyceryl trinitrate (McQuaid, K.E. (307) 233)

Etomidate

GABA receptor antagonist; Bicuculline; SR95531; Pentobarbitone; Hippocampal neuron (Uchida, I. (307) 89)

Excitatory amino acid

Dextromethorphan; Opiate; Withdrawal; Naloxone (Rosen, M.I. (307) 251)

NMDA (*N*-methyl-D-aspartate); MK-801 binding; Spinal cord (Souverbie, F. (307) 347)

EXP3174

Angiotensin AT₁ receptor antagonist; Angiotensin II-induced drinking; Blood-brain barrier; Losartan; GR117289; LR-B/081 (Polidori, C. (307) 259)

Focal ischemia

Endothelin; Middle cerebral artery occlusion (McAuley, M.A. (307) 171)

Formaldehyde

Bradykinin receptor; CP-99,994; Mast cell; Tachykinin receptor; Vascular permeability (Ito, K. (307) 291)

Formalin paw test

Conditioned place preference; Tail-flick test; Charcoal meal (Singh, L. (307) 283)

GABA receptor antagonist

Bicuculline; SR95531; Pentobarbitone; Etomidate; Hippocampal neuron (Uchida, I. (307) 89)

Glucocorticoid

Amphetamine; Behavioral sensitization (De Vries, T.J. (307) R3)

Glyceryl trinitrate

Endothelium; Albumin transfer; Hydrogen peroxide; Sodium nitroprusside (McQuaid, K.E. (307) 233)

Glycine

Phosphoserine phosphatase; L-AP3 (L-2-amino-3-phosphonopropionic acid); D-AP3 (D-2-amino-3-phosphonopropionic acid); Serine (Hawkinson, J.E. (307) 219)

G-protein

CCK_B receptor; Neostriatal neuron; Cationic current; Inositol 1,4,5-trisphosphate; Whole-cell patch-clamp recording (Wu, T. (307) 125)

G-protein-coupled receptor

[³⁵S]GTPγS autoradiography (Sim, L.J. (307) 97)

GR117289

Angiotensin AT₁ receptor antagonist; Angiotensin II-induced drinking; Blood-brain barrier; Losartan; EXP3174; LR-B/081 (Polidori, C. (307) 259)

Gram-negative sepsis

Indomethacin; TMF (tumor necrosis factor); Cyclooxygenase inhibitor; Sepsis (Campanile, F. (307) 191)

[³⁵S]GTPγS autoradiography

G-protein-coupled receptor (Sim, L.J. (307) 97)

[³⁵S]GTPγS binding

S 15535; WAY 100,635; 5-HT_{1A}; (±)-8-OH-DPAT ((±)-hydroxy-2-(di-n-propylamino)tetralin) (Newman-Tancredi, A. (307) 107)

Head injury

Edema; Antioxidant free radical scavenger; Magnetic resonance imaging (Petty, M.A. (307) 149)

Heart, perfused, rat

Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Adenosine A₃ receptor; P₃ purinoceptor; Coronary vasculature (Harden, F.A. (307) 49)

Heart rate

Local anesthetic; Cocaine; Lidocaine; Pseudococaine; Hemodynamics; Blood pressure; Desipramine (Bernards, C.M. (307) 33)

Hemodynamics

Local anesthetic; Cocaine; Lidocaine; Pseudococaine; Blood pressure; Heart rate; Desipramine (Bernards, C.M. (307) 33)

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Endothelium; Acetylcholine; Nitric oxide (NO); EDHF (endothelium-derived hyperpolarizing factor) (Brouwers-Ceiler, D.L. (307) 65)

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GABA receptor antagonist; Bicuculline; SR95531; Pentobarbitone; Etoomidate (Uchida, I. (307) 89)

Hippocampus

Noradrenaline; β-Adrenoceptor; Propranolol; NMDA receptor; Working memory (Ohno, M. (307) 21)

Microdialysis; Amino acid; Uptake carrier; Vesicular release; Ca²⁺ dependency (Zuiderwijk, M. (307) 275)

Working memory; Acetylcholine release (Fadda, F. (307) R1)

5-HT_{1A}

S 15535; WAY 100,635; [³⁵S]GTPγS binding; (±)-8-OH-DPAT ((±)-hydroxy-2-(di-n-propylamino)tetralin) (Newman-Tancredi, A. (307) 107)

5-HT (5-hydroxytryptamine, serotonin)

Aorta; Carotid artery; Norepinephrine; Potassium chloride; Ca²⁺; Cholesterol (Moreland, R.S. (307) 55)

5-HT (hydroxytryptamine, serotonin)-N-acetyltransferase

Melatonin; Pineal gland, ovine; Tryptamine (Shen, S. (307) 133)

5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor

σ Receptor, subtype; Binding; Brain, rat (Narita, N. (307) 117)

5-HT_{1A} receptor

5-HT_{2A/C} receptor; *c-fos*; *ngf1c*; *tis1* (Tilakaratne, N. (307) 211)

Emesis; Morphine; Nicotine; Tachykinin NK₁ receptor; 5-HT₃ receptor; Resiniferatoxin; Vomiting; Retching; (*Suncus murinus*) (Andrews, P. (307) 305)

5-HT_{2A} receptor

mCPP (1-(3-chlorophenyl)piperazine); Hyperglycemia; 5-HT_{2C/2B} receptor; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane) (Sugimoto, Y. (307) 75)

5-HT_{2A/C} receptor

5-HT_{1A} receptor; *c-fos*; *ngf1c*; *tis1* (Tilakaratne, N. (307) 211)

5-HT_{2C/2B} receptor

mCPP (1-(3-chlorophenyl)piperazine); Hyperglycemia; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_{2A} receptor (Sugimoto, Y. (307) 75)

5-HT₃ receptor

Emesis; Morphine; Nicotine; Tachykinin NK₁ receptor; 5-HT_{1A} receptor; Resiniferatoxin; Vomiting; Retching; (*Suncus murinus*) (Andrews, P. (307) 305)

Hydrogen peroxide

Endothelium; Albumin transfer; Sodium nitroprusside; Glyceryl trinitrate (McQuaid, K.E. (307) 233)

Hyperglycemia

mCPP (1-(3-chlorophenyl)piperazine); 5-HT_{2C/2B} receptor; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_{2A} receptor (Sugimoto, Y. (307) 75)

Imidazoline receptor

Vas deferens; Noradrenaline; Agmatine; Neurotransmission; Adrenoceptor (Jurkiewicz, N.H. (307) 299)

Indomethacin

Gram-negative sepsis; TMF (tumor necrosis factor); Cyclooxygenase inhibitor; Sepsis (Campanile, F. (307) 191)

Inositol 1,4,5-trisphosphate

CCK_B receptor; Neostriatal neuron; Cationic current; G-protein; Whole-cell patch-clamp recording (Wu, T. (307) 125)

κ-Opioid receptor, tolerance; Ca²⁺, intracellular, free; Myocyte, ventricular; U50,488H (Sheng, J.-Z. (307) 323)

Isoforms (p42^{mapk} and p44^{mapk})

EGF (epidermal growth factor); MAPK (mitogen-activated protein kinase); Protein kinase C; Dermal fibroblast, human (Le Panse, R. (307) 339)

Ketamine hydrochloride

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Learning

NGF (nerve growth factor); Propentofylline; Memory; Choline acetyltransferase; Dementia model; (Rat) (Nitta, A. (307) 1)

Lidocaine

Local anesthetic; Cocaine; Pseudococaine; Hemodynamics; Blood pressure; Heart rate; Desipramine (Bernards, C.M. (307) 33)

Local anesthetic

Cocaine; Lidocaine; Pseudococaine; Hemodynamics; Blood pressure; Heart rate; Desipramine (Bernards, C.M. (307) 33)

Losartan

Angiotensin AT₁ receptor antagonist; Angiotensin II-induced drinking; Blood-brain barrier; EXP3174; GR117289; LR-B/081 (Polidori, C. (307) 259)

LR-B/081

Angiotensin AT₁ receptor antagonist; Angiotensin II-induced drinking; Blood-brain barrier; Losartan; EXP3174; GR117289 (Polidori, C. (307) 259)

Magnetic resonance imaging

Head injury; Edema; Antioxidant free radical scavenger (Petty, M.A. (307) 149)

MAPK (mitogen-activated protein kinase)

EGF (epidermal growth factor); Isoforms (p42^{mapk} and p44^{mapk}); Protein kinase C; Dermal fibroblast, human (Le Panse, R. (307) 339)

Mast cell

Bradykinin receptor; CP-99,994; Formaldehyde; Tachykinin receptor; Vascular permeability (Ito, K. (307) 291)

Melatonin

Pineal gland, ovine; 5-HT (hydroxytryptamine, serotonin)-*N*-acetyltransferase; Tryptamine (Shen, S. (307) 133)

Memory

NGF (nerve growth factor); Propentofylline; Learning; Choline acetyltransferase; Dementia model; (Rat) (Nitta, A. (307) 1)

Methoxytetraabenazine

Vesicular monoamine transporter; VMAT2 (vesicular monoamine transporter type 2); MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dihydrotetraabenazine (Kilbourn, M. (307) 227)

Microdialysis

Hippocampus; Amino acid; Uptake carrier; Vesicular release; Ca²⁺ dependency (Zuiderwijk, M. (307) 275)

Middle cerebral artery occlusion

Endothelin; Focal ischemia (McAuley, M.A. (307) 171)

MK-801 binding

Excitatory amino acid; NMDA (*N*-methyl-D-aspartate); Spinal cord (Souverbie, F. (307) 347)

Morphine

β-Endorphin; SR 95531; 5-Aminovaleric acid; Tail-flick inhibition (Suh, H.-W. (307) 141)

Emesis; Nicotine; Tachykinin NK₁ receptor; 5-HT₃ receptor; 5-HT_{1A} receptor; Resiniferatoxin; Vomiting; Retching; (*Suncus murinus*) (Andrews, P. (307) 305)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine)

Vesicular monoamine transporter; VMAT2 (vesicular monoamine transporter type 2); Methoxytetraabenazine; Dihydrotetraabenazine (Kilbourn, M. (307) 227)

Myocyte

Cardiac hypertrophy; Stretch; Angiotensin (Miyata, S. (307) 81)

Myocyte, ventricular

κ-Opioid receptor, tolerance; Ca²⁺, intracellular, free; Inositol 1,4,5-trisphosphate; U50,488H (Sheng, J.-Z. (307) 323)

Naloxone

Dextromethorphan; Opiate; Withdrawal; Excitatory amino acid (Rosen, M.I. (307) 251)

Neostriatal neuron

CCK_B receptor; Cationic current; G-protein; Inositol 1,4,5-trisphosphate; Whole-cell patch-clamp recording (Wu, T. (307) 125)

Neuroprotective agent

Anti-epileptic drug; Cortex; Ca²⁺ current (Stefani, A. (307) 113)

Neurotransmission

Vas deferens; Noradrenaline; Agmatine; Imidazoline receptor; Adrenoceptor (Jurkiewicz, N.H. (307) 299)

ngf1c

5-HT_{1A} receptor; 5-HT_{2A/C} receptor; *c-fos*; *tis1* (Tilakaratne, N. (307) 211)

NGF (nerve growth factor)

Propentofylline; Learning; Memory; Choline acetyltransferase; Dementia model; (Rat) (Nitta, A. (307) 1)

Nicotine

Emesis; Morphine; Tachykinin NK₁ receptor; 5-HT₃ receptor; 5-HT_{1A} receptor; Resiniferatoxin; Vomiting; Retching; (*Suncus murinus*) (Andrews, P. (307) 305)

Nitric oxide (NO)

Endothelium; Acetylcholine; Hind limb, rat; EDHF (endothelium-derived hyperpolarizing factor) (Brouwers-Ceiler, D.L. (307) 65)

Penile erection; Corpus cavernosum; Endothelin; (Rat) (Ari, G. (307) 69)

NMDA (*N*-methyl-D-aspartate)

Excitatory amino acid; MK-801 binding; Spinal cord (Souverbie, F. (307) 347)

NMDA receptor

Noradrenaline; β-Adrenoceptor; Propranolol; Hippocampus; Working memory (Ohno, M. (307) 21)

Noradrenaline

β-Adrenoceptor; Propranolol; NMDA receptor; Hippocampus; Working memory (Ohno, M. (307) 21)

Vas deferens; Agmatine; Neurotransmission; Imidazoline receptor; Adrenoceptor (Jurkiewicz, N.H. (307) 299)

Norepinephrine

Aorta; Carotid artery; 5-HT (5-hydroxytryptamine, serotonin); Potassium chloride; Ca²⁺; Cholesterol (Moreland, R.S. (307) 55)

Nucleotide

ATP; Purinergic; Purinoceptor; Endothelial cell (Motte, S. (307) 201)

Opiate

Dextromethorphan; Withdrawal; Naloxone; Excitatory amino acid (Rosen, M.I. (307) 251)

κ -Opioid receptor agonist

Anticonflict effect; Diazepam; Vogel-type conflict test; (Mouse) (Tsuda, M. (307) 7)

 κ -Opioid receptor, tolerance

Ca^{2+} , intracellular, free; Inositol 1,4,5-trisphosphate; Myocyte, ventricular; U50,488H (Sheng, J.-Z. (307) 323)

Penile erection

Corpus cavernosum; Endothelin; Nitric oxide (NO); (Rat) (Ari, G. (307) 69)

Pentobarbitone

GABA receptor antagonist; Bicuculline; SR95531; Etomidate; Hippocampal neuron (Uchida, I. (307) 89)

Peroxynitrite

Tachyphylaxis; Hemodynamics, In vivo (Kooy, N.W. (307) R5)

Phosphoserine phosphatase

L-AP3 (L-2-amino-3-phosphonopropionic acid); D-AP3 (D-2-amino-3-phosphonopropionic acid); Serine; Glycine (Hawkinson, J.E. (307) 219)

Pineal gland, ovine

Melatonin; 5-HT (hydroxytryptamine, serotonin)-*N*-acetyltransferase; Tryptamine (Shen, S. (307) 133)

Potassium chloride

Aorta; Carotid artery; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Ca^{2+} ; Cholesterol (Moreland, R.S. (307) 55)

P₁ purinoceptor

P₂ purinoceptor; Trachealis muscle, guinea-pig, isolated; Suramin; 8-Sulphophenyltheophylline; Adenosine 5'-triphosphate (Piper, A.S. (307) 183)

P₂ purinoceptor

P₁ purinoceptor; Trachealis muscle, guinea-pig, isolated; Suramin; 8-Sulphophenyltheophylline; Adenosine 5'-triphosphate (Piper, A.S. (307) 183)

P₃ purinoceptor

Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Adenosine A₃ receptor; Coronary vasculature; Heart, perfused, rat (Harden, F.A. (307) 49)

Pregnancy

Uterus, rat; β_2 -Adrenoceptor subtype; β_2 -Adrenoceptor agonist (Ohashi, T. (307) 315)

Propentofylline

NGF (nerve growth factor); Learning; Memory; Choline acetyltransferase; Dementia model; (Rat) (Nitta, A. (307) 1)

Propranolol

Noradrenaline; β -Adrenoceptor; NMDA receptor; Hippocampus; Working memory (Ohno, M. (307) 21)

Protein kinase C

EGF (epidermal growth factor); MAPK (mitogen-activated protein kinase); Isoforms (p42^{mapk} and p44^{mapk}); Dermal fibroblast, human (Le Panse, R. (307) 339)

Pseudococaine

Local anesthetic; Cocaine; Lidocaine; Hemodynamics; Blood pressure; Heart rate; Desipramine (Bernards, C.M. (307) 33)

Purinergic

ATP; Nucleotide; Purinoceptor; Endothelial cell (Motte, S. (307) 201)

Purinoceptor

ATP; Purinergic; Nucleotide; Endothelial cell (Motte, S. (307) 201)

Radioactive microsphere technique

CGS 21680; Adenosine A_{2A} receptor; Vascular conductance (Nekooeian, A.A. (307) 163)

 σ Receptor

(+)-SKF10047; Ketamine hydrochloride; (Guinea pig) (Jerram, A.H. (307) 269)

Receptor sequestration

β_2 -Adrenoceptor; Adenylyl cyclase; CHO (Chinese hamster ovary) cell (Gabilondo, A.M. (307) 243)

 σ Receptor, subtype

5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor; Binding; Brain, rat (Narita, N. (307) 117)

Resiniferatoxin

Emesis; Morphine; Nicotine; Tachykinin NK₁ receptor; 5-HT₃ receptor; 5-HT_{1A} receptor; Vomiting; Retching; (*Suncus murinus*) (Andrews, P. (307) 305)

Resistance arteriole, cerebral

Endothelin-1; BQ-123; BQ-3020; Endothelin receptor; Cerebral circulation (Patel, T.R. (307) 41)

Retching

Emesis; Morphine; Nicotine; Tachykinin NK₁ receptor; 5-HT₃ receptor; 5-HT_{1A} receptor; Resiniferatoxin; Vomiting; (*Suncus murinus*) (Andrews, P. (307) 305)

Reverse tolerance

Cocaine; Sensitization (Wise, R.A. (307) 15)

S 15535

WAY 100,635; 5-HT_{1A}; [³⁵S]GTP γ S binding; ($\pm$)-8-OH-DPAT (($\pm$)-hydroxy-2-(di-*n*-propylamino)tetralin) (Newman-Tancredi, A. (307) 107)

Sensitization

Cocaine; Reverse tolerance (Wise, R.A. (307) 15)

Sepsis

Indomethacin; Gram-negative sepsis; TMF (tumor necrosis factor); Cyclooxygenase inhibitor (Campanile, F. (307) 191)

Serine

Phosphoserine phosphatase; L-AP3 (L-2-amino-3-phosphonopropionic acid); D-AP3 (D-2-amino-3-phosphonopropionic acid); Glycine (Hawkinson, J.E. (307) 219)

(+)-SKF10047

Ketamine hydrochloride; σ Receptor; (Guinea pig) (Jerram, A.H. (307) 269)

Smooth muscle cell

Angiotensin II; Thromboxane A₂; c-fos (Sachinidis, A. (307) 121)

Sodium nitroprusside

Endothelium; Albumin transfer; Hydrogen peroxide; Glyceryl trinitrate (McQuaid, K.E. (307) 233)

Spinal cord

Adenosine; Adenosine kinase; Adenosine deaminase (Golembiowska, K. (307) 157)

Excitatory amino acid; NMDA (*N*-methyl-D-aspartate); MK-801 binding (Souverbie, F. (307) 347)

SR95531

GABA receptor antagonist; Bicuculline; Pentobarbitone; Etomidate; Hippocampal neuron (Uchida, I. (307) 89)

SR 95531

β -Endorphin; Morphine; 5-Aminovaleric acid; Tail-flick inhibition (Suh, H.-W. (307) 141)

SR141617A

Cannabinoid receptor antagonist; Δ^9 -Tetrahydrocannabinol (Gatley, S.J. (307) 331)

Stretch

Cardiac hypertrophy; Myocyte; Angiotensin (Miyata, S. (307) 81)

8-Sulphophenyltheophylline

P₁ purinoceptor; P₂ purinoceptor; Trachealis muscle, guinea-pig, isolated; Suramin; Adenosine 5'-triphosphate (Piper, A.S. (307) 183)

Suramin

P₁ purinoceptor; P₂ purinoceptor; Trachealis muscle, guinea-pig, isolated; 8-Sulphophenyltheophylline; Adenosine 5'-triphosphate (Piper, A.S. (307) 183)

Tachykinin receptor

Bradykinin receptor; CP-99,994; Formaldehyde; Mast cell; Vascular permeability (Ito, K. (307) 291)

Tachykinin NK₁ receptor

Emesis; Morphine; Nicotine; 5-HT₃ receptor; 5-HT_{1A} receptor; Resiniferatoxin; Vomiting; Retching; (*Suncus murinus*) (Andrews, P. (307) 305)

Tachyphylaxis

Peroxyinitrite; Hemodynamics, In vivo (Kooy, N.W. (307) R5)

Tail-flick inhibition

β -Endorphin; Morphine; SR 95531; 5-Aminovaleric acid (Suh, H.-W. (307) 141)

Tail-flick test

Conditioned place preference; Formalin paw test; Charcoal meal (Singh, L. (307) 283)

Δ^9 -Tetrahydrocannabinol

Cannabinoid receptor antagonist; SR141617A (Gatley, S.J. (307) 331)

Thermoregulation

Clozapine; Dopamine; Dopamine receptor; (Rat) (Salmi, P. (307) 27)

Thromboxane A₂

Angiotensin II; c-fos; Smooth muscle cell (Sachinidis, A. (307) 121)

tisI

5-HT_{1A} receptor; 5-HT_{2A/C} receptor; *c-fos*; *ngf/c* (Tilakaratne, N. (307) 211)

TMF (tumor necrosis factor)

Indomethacin; Gram-negative sepsis; Cyclooxygenase inhibitor; Sepsis (Campanile, F. (307) 191)

Trachealis muscle, guinea-pig, isolated

P₁ purinoceptor; P₂ purinoceptor; Suramin; 8-Sulphophenyltheophylline; Adenosine 5'-triphosphate (Piper, A.S. (307) 183)

Tryptamine

Melatonin; Pineal gland, ovine; 5-HT (hydroxytryptamine, serotonin)-*N*-acetyltransferase (Shen, S. (307) 133)

U50,488H

κ -Opioid receptor, tolerance; Ca²⁺, intracellular, free; Inositol 1,4,5-trisphosphate; Myocyte, ventricular (Sheng, J.-Z. (307) 323)

Uptake carrier

Microdialysis; Hippocampus; Amino acid; Vesicular release; Ca²⁺ dependency (Zuiderwijk, M. (307) 275)

Uterus, rat

β_2 -Adrenoceptor subtype; β_2 -Adrenoceptor agonist; Pregnancy (Ohashi, T. (307) 315)

Vascular conductance

CGS 21680; Adenosine A_{2A} receptor; Radioactive microsphere technique (Nekoeian, A.A. (307) 163)

Vascular permeability

Bradykinin receptor; CP-99,994; Formaldehyde; Mast cell; Tachykinin receptor (Ito, K. (307) 291)

Vas deferens

Noradrenaline; Agmatine; Neurotransmission; Imidazoline receptor; Adrenoceptor (Jurkiewicz, N.H. (307) 299)

Vesicular monoamine transporter

VMAT2 (vesicular monoamine transporter type 2); MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Methoxytetraabenazine; Dihydrotetraabenazine (Kilbourn, M. (307) 227)

Vesicular release

Microdialysis; Hippocampus; Amino acid; Uptake carrier; Ca²⁺ dependency (Zuiderwijk, M. (307) 275)

VMAT2 (vesicular monoamine transporter type 2)

Vesicular monoamine transporter; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Methoxytetraabenazine; Dihydrotetraabenazine (Kilbourn, M. (307) 227)

Vogel-type conflict test

κ -Opioid receptor agonist; Anticonflict effect; Diazepam; (Mouse) (Tsuda, M. (307) 7)

Vomiting

Emesis; Morphine; Nicotine; Tachykinin NK₁ receptor; 5-HT₃ receptor; 5-HT_{1A} receptor; Resiniferatoxin; Retching; (*Suncus murinus*) (Andrews, P. (307) 305)

WAY 100,635

S 15535; 5-HT_{1A}; [³⁵S]GTPγS binding; (±)-8-OH-DPAT ((±)-hydroxy-2-(di-*n*-propylamino)tetralin) (Newman-Tancredi, A. (307) 107)

Whole-cell patch-clamp recording

CCK_B receptor; Neostriatal neuron; Cationic current; G-protein; Inositol 1,4,5-trisphosphate (Wu, T. (307) 125)

Withdrawal

Dextromethorphan; Opiate; Naloxone; Excitatory amino acid (Rosen, M.I. (307) 251)

Working memory

Noradrenaline; β -Adrenoceptor; Propranolol; NMDA receptor; Hippocampus (Ohno, M. (307) 21)

Hippocampus; Acetylcholine release (Fadda, F. (307) R1)