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Acetylcholine

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Acetylcholine release

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ACTH-(4–9) analog, Org 2766

Diabetic rat; Nerve blood flow; Vasa nervorum; Adrenergic responsiveness (Van Buren, T. (296) 277)

Adenylate cyclase

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Anandamide; Ca²⁺ channel; [³H](+)-PN200-110; [³H]Diltiazem; [³H](–)-Desmethoxyverapamil (Shimasue, K. (296) 347)

L-Arginine

L-Ornithine; Kyotorphin; Enkephalin; Pain; Antinociception (Kawabata, A. (296) 23)

Aryloxyalkylimidazoline

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ATP receptor channel

Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Recombinant channel; *Xenopus* oocyte (Nakazawa, K. (296) 119)

ATP release

Vas deferens, guinea-pig; Noradrenaline release; Cotransmission; ANP (atrial natriuretic peptide); 8-Bromoguanosine 3':5'-cyclic monophosphate (Driessen, B. (296) 261)

Behavioral sensitization

σ Receptor; Cocaine; BMY-14802; SR-31742A; Schizophrenia (Ujike, H. (296) 123)

Blood pressure, mean arterial

Intravital microscopy; Flow cytometry; Leukocyte rolling; Leukocyte adherence; Venular shear rate (Scalia, R. (296) 181)

BMY-14802

σ Receptor; Behavioral sensitization; Cocaine; SR-31742A; Schizophrenia (Ujike, H. (296) 123)

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Endothelin-1; Heart, perfused, rat; TAK-044; Endothelin ET_A receptor; Endothelin ET_B receptor (Kusumoto, K. (296) 65)

Bradykinin

Angiotensin-converting enzyme inhibitor; Neutral endopeptidase inhibitor; DOCA-salt rat (Pham, I. (296) 267)

Brain

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Breast cancer cell (T47D)

Cell proliferation; Opioid; Opioid receptor; Opioid receptor subtype (Hatzoglou, A. (296) 199)

8-Bromoguanosine 3':5'-cyclic monophosphate

Vas deferens, guinea-pig; Noradrenaline release; ATP release; Cotransmission; ANP (atrial natriuretic peptide) (Driessen, B. (296) 261)

Bronchoconstriction

K⁺ channel opener; Levromakalim; HOE 234; Plasma exudation (Kidney, J.C. (296) 81)

Cold air; Tachykinin; Kinin; SR 48968; HOE 140; Neurogenic inflammation (Yoshihara, S. (296) 291)

Bt₂ cAMP (N⁶,2'-O-dibutyryl adenosine 3':5'-cyclic monophosphate)
Salbutamol; Allergic pleurisy (Diaz, B.L. (296) 173)

Butanedione monoxime (BDM)

Ca²⁺ sensitivity; Cross-bridge; EMD 53998; Cardiac skinned fiber (Barth, Z. (296) 285)

Ca²⁺ channel

Myocyte, ventricular; Flunarizine (Tytgat, J. (296) 189)

Anandamide; Arachidonic acid; [³H](+)-PN200-110; [³H]Diltiazem; [³H](−)-Desmethoxyverapamil (Shimasue, K. (296) 347)

Ca²⁺ channel, L-type

Stretch-activated channel; Na⁺ dependence; Ca²⁺ uptake; Membrane potential (Ruiz-Velasco, V. (296) 327)

Ca²⁺ fluorescence

Human mGlu_{1d}; Metabotropic glutamate receptor (Laurie, D.J. (296) R1)

Ca²⁺ handling mechanism

Taurine depletion; Skeletal muscle; Mechanical threshold; Excitation-contraction coupling; Cl[−] conductance (De Luca, A. (296) 215)

Cannabinoid receptor

Cannabinoid receptor antagonist; SR141716A; Vas deferens, mouse; cAMP; Adenylate cyclase (Pertwee, R.G. (296) 169)

Cannabinoid receptor antagonist

Cannabinoid receptor; SR141716A; Vas deferens, mouse; cAMP; Adenylate cyclase (Pertwee, R.G. (296) 169)

Capillary permeability

Neuropeptide Y; Pulmonary edema; Sympathetic nervous system (Hirabayashi, A. (296) 297)

Cardiac skinned fiber

Butanedione monoxime (BDM); Ca²⁺ sensitivity; Cross-bridge; EMD 53998 (Barth, Z. (296) 285)

Ca²⁺ sensitivity

Butanedione monoxime (BDM); Cross-bridge; EMD 53998; Cardiac skinned fiber (Barth, Z. (296) 285)

Catalepsy

Deltorphin analog; Antinociception; Locomotion (Negri, L. (296) 9)

Ca²⁺ uptake

Stretch-activated channel; Na⁺ dependence; Membrane potential; Ca²⁺ channel, L-type (Ruiz-Velasco, V. (296) 327)

CCK receptor

Mutation; Histidine (Jagerschmidt, A. (296) 97)

Cell proliferation

Breast cancer cell (T47D); Opioid; Opioid receptor; Opioid receptor subtype (Hatzoglou, A. (296) 199)

Cerebral cortex

5-HT₃ receptor; [³H]YM060 ([methyl-³H]-(−)-(R)-5-[(1-methyl-1H-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1H-benzimidazole monohydrochloride); Ileum; Colon; 5-HT₃ receptor, cloned, rat (Akuzawa, S. (296) 227)

Cetiedil

Acetylcholine release; Cholinergic synaptosome; Cyclosporin A (Morot Gaudry-Talarmain, Y. (296) 341)

C₆ glioma cell

Phosphoinositide turnover; Protein kinase A; Endothelin; (ATP) (Lin, W.W. (296) 231)

Cholinergic neurotransmission

Neutral endopeptidase; Acetylcholine; Epithelium; Trachea; (Rabbit) (Loenders, B. (296) 89)

Cholinergic synaptosome

Acetylcholine release; Cetiedil; Cyclosporin A (Morot Gaudry-Talarmain, Y. (296) 341)

Chronic infusion

Radial maze learning; Entorhinal cortex lesion; NMDA receptor antagonist; Memantine; (+)-MK-801; (Rat) (Zajackowski, W. (296) 239)

Circadian rhythm

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Cl[−] conductance

Taurine depletion; Skeletal muscle; Mechanical threshold; Excitation-contraction coupling; Ca²⁺ handling mechanism (De Luca, A. (296) 215)

Cocaine

σ Receptor; Behavioral sensitization; BMY-14802; SR-31742A; Schizophrenia (Ujike, H. (296) 123)

Cocaine analog

[¹²³I]RTI-55; Psychostimulant abuse; (Mouse) (Gatley, S.J. (296) 145)

Cold air

Tachykinin; Kinin; Bronchoconstriction; SR 48968; HOE 140; Neurogenic inflammation (Yoshihara, S. (296) 291)

Colon

5-HT₃ receptor; [³H]YM060 ([methyl-³H]-(−)-(R)-5-[(1-methyl-1H-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1H-benzimidazole monohydrochloride); Cerebral cortex; Ileum; 5-HT₃ receptor, cloned, rat (Akuzawa, S. (296) 227)

Contraction

D-NNA (N^G-nitro-D-arginine); Diphenylethylidonium; Di-2-thienyliodonium; Methylene blue; Nitric oxide (NO); Lipopolysaccharide (Palacios, B. (296) 75)

Cotransmission

Vas deferens, guinea-pig; Noradrenaline release; ATP release; ANP (atrial natriuretic peptide); 8-Bromoguanosine 3':5'-cyclic monophosphate (Driessen, B. (296) 261)

Cross-bridge

Butanedione monoxime (BDM); Ca^{2+} sensitivity; EMD 53998; Cardiac skinned fiber (Barth, Z. (296) 285)

Cyclic nucleotide

Dipyridamole; Nitric oxide (NO); Smooth muscle cells, vascular; Interleukin-1 β (Iimura, O. (296) 319)

Cyclosporin A

Acetylcholine release; Cholinergic synaptosome; Cetiedil (Morot Gaudry-Talarmin, Y. (296) 341)

Cystathionine

Superoxide radical; Leukocyte, human (Wada, K. (296) 335)

Deltorphan analog

Antinociception; Catalepsy; Locomotion (Negri, L. (296) 9)

Dependence

Ethanol; Dopamine receptor agonist; Partial receptor agonist (Bono, G. (296) 233)

Depression, animal model

Stress, chronic, mild; Pharmacological validation (Papp, M. (296) 129)

[^3H](–)-Desmethoxyverapamil

Anandamide; Ca^{2+} channel; Arachidonic acid; [^3H](+)-PN200-110; [^3H]Diltiazem (Shimasue, K. (296) 347)

Diabetic rat

Nerve blood flow; Vasa nervorum; Adrenergic responsiveness; ACTH-(4–9) analog, Org 2766 (Van Buren, T. (296) 277)

[^3H]Diltiazem

Anandamide; Ca^{2+} channel; Arachidonic acid; [^3H](+)-PN200-110; [^3H](–)-Desmethoxyverapamil (Shimasue, K. (296) 347)

Diphenyleneiodonium

D-NNA (N^G -nitro-D-arginine); Di-2-thienyliodonium; Methylene blue; Nitric oxide (NO); Lipopolysaccharide; Contraction (Palacios, B. (296) 75)

Dipyridamole

Nitric oxide (NO); Smooth muscle cells, vascular; Interleukin-1 β ; Cyclic nucleotide (Iimura, O. (296) 319)

Di-2-thienyliodonium

D-NNA (N^G -nitro-D-arginine); Diphenyleneiodonium; Methylene blue; Nitric oxide (NO); Lipopolysaccharide; Contraction (Palacios, B. (296) 75)

DOCA-salt rat

Bradykinin; Angiotensin-converting enzyme inhibitor; Neutral endopeptidase inhibitor (Pham, I. (296) 267)

Dopamine

ATP receptor channel; 5-HT (5-hydroxytryptamine, serotonin); Recombinant channel; *Xenopus* oocyte (Nakazawa, K. (296) 119)

Levodopa; Microdialysis; Parkinson's disease; Dopamine receptor agonist; Dopamine receptor antagonist (Sarre, S. (296) 247)

Dopamine receptor agonist

Ethanol; Dependence; Partial receptor agonist (Bono, G. (296) 233)

Dopamine; Levodopa; Microdialysis; Parkinson's disease; Dopamine receptor antagonist (Sarre, S. (296) 247)

Dopamine receptor antagonist

Dopamine; Levodopa; Microdialysis; Parkinson's disease; Dopamine receptor agonist (Sarre, S. (296) 247)

EGF (epidermal growth factor)

Smooth muscle, airway; Leukotriene; Tyrosine kinase; Phospholipase A₂ (Nasuhara, Y. (296) 161)

Electrophysiology

Melatonin; Suprachiasmatic nucleus; Intergeniculate leaflet; Light; Circadian rhythm; Entrainment (Ying, S.-W. (296) 33)

EMD 53998

Butanedione monoxime (BDM); Ca^{2+} sensitivity; Cross-bridge; Cardiac skinned fiber (Barth, Z. (296) 285)

Endothelin

Methoxamine; α_1 -Adrenoceptor; Positive inotropic effect; Ventricular myocardium, rabbit (Yang, H.-T. (296) 47)

Phosphoinositide turnover; Protein kinase A; C₆ glioma cell; (ATP) (Lin, W.W. (296) 231)

Endothelin-1

Heart, perfused, rat; TAK-044; BQ-123; Endothelin ET_A receptor; Endothelin ET_B receptor (Kusumoto, K. (296) 65)

Endothelin ET_A receptor

Endothelin-1; Heart, perfused, rat; TAK-044; BQ-123; Endothelin ET_B receptor (Kusumoto, K. (296) 65)

Endothelin ET_B receptor

IRL 1720; Sarafotoxin S6c; FR139317; Hemodynamics (Kuwahara, M. (296) 55)

Endothelin-1; Heart, perfused, rat; TAK-044; BQ-123; Endothelin ET_A receptor (Kusumoto, K. (296) 65)

Enkephalin

L-Ornithine; L-Arginine; Kyotorphin; Pain; Antinociception (Kawabata, A. (296) 23)

Entorhinal cortex lesion

Radial maze learning; NMDA receptor antagonist; Chronic infusion; Memantine; (+)-MK-801; (Rat) (Zajackowski, W. (296) 239)

Entrainment

Melatonin; Suprachiasmatic nucleus; Intergeniculate leaflet; Electrophysiology; Light; Circadian rhythm (Ying, S.-W. (296) 33)

Epithelium

Neutral endopeptidase; Acetylcholine; Trachea; Cholinergic neurotransmission; (Rabbit) (Loenders, B. (296) 89)

Ethanol

RO15-4513; GABA_A/benzodiazepine receptor complex; Ethanol dependence/withdrawal (Becker, H.C. (296) 43)

Dopamine receptor agonist; Dependence; Partial receptor agonist (Bono, G. (296) 233)

Ethanol dependence/withdrawal

Ethanol; RO15-4513; GABA_A/benzodiazepine receptor complex (Becker, H.C. (296) 43)

Excitation-contraction coupling

Taurine depletion; Skeletal muscle; Mechanical threshold; Cl[–] conductance; Ca^{2+} handling mechanism (De Luca, A. (296) 215)

Flow cytometry

Intravital microscopy; Blood pressure, mean arterial; Leukocyte rolling; Leukocyte adherence; Venular shear rate (Scalia, R. (296) 181)

Flunarizine

Myocyte, ventricular; Ca^{2+} channel (Tytgat, J. (296) 189)

Fluoxetine

Hypophagia; 5-HT_{2C} receptor; (Rat); (Pig) (Lightowler, S. (296) 137)

FR139317

IRL 1720; Sarafotoxin S6c; Endothelin ET_B receptor; Hemodynamics (Kuwahara, M. (296) 55)

GABA_A / benzodiazepine receptor complex

Ethanol; RO15-4513; Ethanol dependence/withdrawal (Becker, H.C. (296) 43)

Gastric acid secretion

Somatostatin sst₂ receptor; Somatostatin sst₃ receptor; Somatostatin sst₅ receptor; SMS 201-995; Somatostatin receptor subtype; Brain; Somatostatin analog; (Rat) (Martínez, V. (296) 153)

G-protein

[³⁵S]GTPγ[S] binding; Histamine H₃ receptor; Pertussis toxin (Clark, E.A. (296) 223)

[³⁵S]GTPγ[S] binding

Histamine H₃ receptor; G-protein; Pertussis toxin (Clark, E.A. (296) 223)

GTP cyclohydrolase I

Nuclear factor κB; Tetrahydrobiopterin; Nitric oxide (NO); Smooth muscle cell, vascular; (Rat) (Hattori, Y. (296) 107)

Heart, perfused, rat

Endothelin-1; TAK-044; BQ-123; Endothelin ET_A receptor; Endothelin ET_B receptor (Kusumoto, K. (296) 65)

Hemodynamics

IRL 1720; Sarafotoxin S6c; Endothelin ET_B receptor; FR139317 (Kuwahara, M. (296) 55)

Heparin

Muscarinic receptor; Receptor subtype; Transfected cell; Allosteric interaction; Receptor coupling (Wang, S.Z. (296) 113)

Histamine H₃ receptor

[³⁵S]GTPγ[S] binding; G-protein; Pertussis toxin (Clark, E.A. (296) 223)

Histidine

CCK receptor; Mutation (Jagerschmidt, A. (296) 97)

HOE 140

Cold air; Tachykinin; Kinin; Bronchoconstriction; SR 48968; Neurogenic inflammation (Yoshihara, S. (296) 291)

HOE 234

K⁺ channel opener; Levromakalim; Bronchoconstriction; Plasma exudation (Kidney, J.C. (296) 81)

5-HT (5-hydroxytryptamine, serotonin)

ATP receptor channel; Dopamine; Recombinant channel; *Xenopus* oocyte (Nakazawa, K. (296) 119)

5-HT_{2A} receptor; 5-HT_{2C} receptor; Phosphoinositide hydrolysis; 5-HT receptor antagonist; Aryloxyalkylimidazoline (Siegel, B.W. (296) 307)

5-HT_{2A} receptor

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor; Phosphoinositide hydrolysis; 5-HT receptor antagonist; Aryloxyalkylimidazoline (Siegel, B.W. (296) 307)

5-HT_{2C} receptor

Fluoxetine; Hypophagia; (Rat); (Pig) (Lightowler, S. (296) 137)

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor; Phosphoinositide hydrolysis; 5-HT receptor antagonist; Aryloxyalkylimidazoline (Siegel, B.W. (296) 307)

5-HT₃ receptor

[³H]YM060 ([*methyl*-³H]-(-)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-benzimidazole monohydrochloride); Cerebral cortex; Ileum; Colon; 5-HT₃ receptor, cloned, rat (Akuzawa, S. (296) 227)

5-HT receptor antagonist

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor; 5-HT_{2C} receptor; Phosphoinositide hydrolysis; Aryloxyalkylimidazoline (Siegel, B.W. (296) 307)

5-HT₃ receptor, cloned, rat

5-HT₃ receptor; [³H]YM060 ([*methyl*-³H]-(-)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-benzimidazole monohydrochloride); Cerebral cortex; Ileum; Colon (Akuzawa, S. (296) 227)

Human mGlu_{1d}

Metabotropic glutamate receptor; Ca^{2+} fluorescence (Laurie, D.J. (296) R1)

Hypophagia

Fluoxetine; 5-HT_{2C} receptor; (Rat); (Pig) (Lightowler, S. (296) 137)

Ifenprodil stereoisomer

Recombinant NMDA receptor; *Xenopus* oocyte; Voltage clamp (Avenet, P. (296) 209)

Ileum

5-HT₃ receptor; [³H]YM060 ([*methyl*-³H]-(-)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-benzimidazole monohydrochloride); Cerebral cortex; Colon; 5-HT₃ receptor, cloned, rat (Akuzawa, S. (296) 227)

Intergeniculate leaflet

Melatonin; Suprachiasmatic nucleus; Electrophysiology; Light; Circadian rhythm; Entrainment (Ying, S.-W. (296) 33)

Interleukin-1β

Dipyridamole; Nitric oxide (NO); Smooth muscle cells, vascular; Cyclic nucleotide (Imura, O. (296) 319)

Intravital microscopy

Flow cytometry; Blood pressure, mean arterial; Leukocyte rolling; Leukocyte adherence; Venular shear rate (Scalia, R. (296) 181)

IRL 1720

Sarafotoxin S6c; Endothelin ET_B receptor; FR139317; Hemodynamics (Kuwahara, M. (296) 55)

K⁺ channel opener

Levromakalim; HOE 234; Bronchoconstriction; Plasma exudation (Kidney, J.C. (296) 81)

Kinin

Cold air; Tachykinin; Bronchoconstriction; SR 48968; HOE 140; Neurogenic inflammation (Yoshihara, S. (296) 291)

Kyotorphin

L-Omithine; L-Arginine; Enkephalin; Pain; Antinociception (Kawabata, A. (296) 23)

Learning

Quinolinic acid, i.c.v. infusion; Long-term potentiation; Memantine; MK-801 (Misztal, M. (296) 1)

Leukocyte adherence

Intravital microscopy; Flow cytometry; Blood pressure, mean arterial; Leukocyte rolling; Venular shear rate (Scalia, R. (296) 181)

Leukocyte, human

Superoxide radical; Cystathionine (Wada, K. (296) 335)

Leukocyte rolling

Intravital microscopy; Flow cytometry; Blood pressure, mean arterial; Leukocyte adherence; Venular shear rate (Scalia, R. (296) 181)

Leukotriene

EGF (epidermal growth factor); Smooth muscle, airway; Tyrosine kinase; Phospholipase A₂ (Nasuhara, Y. (296) 161)

Levermakalim

K⁺ channel opener; HOE 234; Bronchoconstriction; Plasma exudation (Kidney, J.C. (296) 81)

Levodopa

Dopamine; Microdialysis; Parkinson's disease; Dopamine receptor agonist; Dopamine receptor antagonist (Sarre, S. (296) 247)

Light

Melatonin; Suprachiasmatic nucleus; Intergeniculate leaflet; Electrophysiology; Circadian rhythm; Entrainment (Ying, S.-W. (296) 33)

Lipopolysaccharide

D-NNA (*N*^G-nitro-D-arginine); Diphenyleiiodonium; Di-2-thienyliodonium; Methylene blue; Nitric oxide (NO); Contraction (Palacios, B. (296) 75)

Locomotion

Deltorphin analog; Antinociception; Catalepsy (Negri, L. (296) 9)

Long-term potentiation

Quinolinic acid, i.c.v. infusion; Learning; Memantine; MK-801 (Misztal, M. (296) 1)

Mechanical threshold

Taurine depletion; Skeletal muscle; Excitation-contraction coupling; Cl⁻ conductance; Ca²⁺ handling mechanism (De Luca, A. (296) 215)

Melatonin

Suprachiasmatic nucleus; Intergeniculate leaflet; Electrophysiology; Light; Circadian rhythm; Entrainment (Ying, S.-W. (296) 33)

Memantine

Quinolinic acid, i.c.v. infusion; Learning; Long-term potentiation; MK-801 (Misztal, M. (296) 1)

Radial maze learning; Entorhinal cortex lesion; NMDA receptor antagonist; Chronic infusion; (+)-MK-801; (Rat) (Zajackowski, W. (296) 239)

Membrane potential

Stretch-activated channel; Na⁺ dependence; Ca²⁺ uptake; Ca²⁺ channel, L-type (Ruiz-Velasco, V. (296) 327)

Metabotropic glutamate receptor

Human mGlu_{1d}; Ca²⁺ fluorescence (Laurie, D.J. (296) R1)

Methoxamine

α₁-Adrenoceptor; Positive inotropic effect; Endothelin; Ventricular myocardium, rabbit (Yang, H.-T. (296) 47)

Methylene blue

D-NNA (*N*^G-nitro-D-arginine); Diphenyleiiodonium; Di-2-thienyliodonium; Nitric oxide (NO); Lipopolysaccharide; Contraction (Palacios, B. (296) 75)

Microdialysis

Dopamine; Levodopa; Parkinson's disease; Dopamine receptor agonist; Dopamine receptor antagonist (Sarre, S. (296) 247)

MK-801

Quinolinic acid, i.c.v. infusion; Learning; Long-term potentiation; Memantine (Misztal, M. (296) 1)

(+)-MK-801

Radial maze learning; Entorhinal cortex lesion; NMDA receptor antagonist; Chronic infusion; Memantine; (Rat) (Zajackowski, W. (296) 239)

Morphine

Agmatine; Analgesia; Tolerance (Kolesnikov, Y. (296) 17)

Muscarinic receptor

Heparin; Receptor subtype; Transfected cell; Allosteric interaction; Receptor coupling (Wang, S.Z. (296) 113)

Mutation

CCK receptor; Histidine (Jagerschmidt, A. (296) 97)

Myocyte, ventricular

Ca²⁺ channel; Flunarizine (Tytgat, J. (296) 189)

Na⁺ dependence

Stretch-activated channel; Ca²⁺ uptake; Membrane potential; Ca²⁺ channel, L-type (Ruiz-Velasco, V. (296) 327)

Nerve blood flow

Diabetic rat; Vasa nervorum; Adrenergic responsiveness; ACTH-(4-9) analog, Org 2766 (Van Buren, T. (296) 277)

Neurogenic inflammation

Cold air; Tachykinin; Kinin; Bronchoconstriction; SR 48968; HOE 140 (Yoshihara, S. (296) 291)

Neuropeptide Y

Pulmonary edema; Sympathetic nervous system; Capillary permeability (Hirabayashi, A. (296) 297)

Neutral endopeptidase

Acetylcholine; Epithelium; Trachea; Cholinergic neurotransmission; (Rabbit) (Loenders, B. (296) 89)

Neutral endopeptidase inhibitor

Bradykinin; Angiotensin-converting enzyme inhibitor; DOCA-salt rat (Pham, I. (296) 267)

Nitric oxide (NO)

D-NNA (*N*^G-nitro-D-arginine); Diphenyleiiodonium; Di-2-thienyliodonium; Methylene blue; Lipopolysaccharide; Contraction (Palacios, B. (296) 75)

Nuclear factor κ B; Tetrahydrobiopterin; GTP cyclohydrolase I; Smooth muscle cell, vascular; (Rat) (Hattori, Y. (296) 107)

Dipyridamole; Smooth muscle cells, vascular; Interleukin-1 β ; Cyclic nucleotide (Iimura, O. (296) 319)

NMDA receptor antagonist

Radial maze learning; Entorhinal cortex lesion; Chronic infusion; Memantine; (+)-MK-801; (Rat) (Zajackowski, W. (296) 239)

D-NNA (*N*^G-nitro-D-arginine)

Diphenyleiiodonium; Di-2-thienyliodonium; Methylene blue; Nitric oxide (NO); Lipopolysaccharide; Contraction (Palacios, B. (296) 75)

Noradrenaline release

Vas deferens, guinea-pig; ATP release; Cotransmission; ANP (atrial natriuretic peptide); 8-Bromoguanosine 3':5'-cyclic monophosphate (Driessen, B. (296) 261)

Nuclear factor κ B

Tetrahydrobiopterin; GTP cyclohydrolase I; Nitric oxide (NO); Smooth muscle cell, vascular; (Rat) (Hattori, Y. (296) 107)

Opioid

Breast cancer cell (T47D); Cell proliferation; Opioid receptor; Opioid receptor subtype (Hatzoglou, A. (296) 199)

Opioid receptor

Breast cancer cell (T47D); Cell proliferation; Opioid; Opioid receptor subtype (Hatzoglou, A. (296) 199)

Opioid receptor subtype

Breast cancer cell (T47D); Cell proliferation; Opioid; Opioid receptor (Hatzoglou, A. (296) 199)

L-Ornithine

L-Arginine; Kyotorphin; Enkephalin; Pain; Antinociception (Kawabata, A. (296) 23)

Pain

L-Ornithine; L-Arginine; Kyotorphin; Enkephalin; Antinociception (Kawabata, A. (296) 23)

Parkinson's disease

Dopamine; Levodopa; Microdialysis; Dopamine receptor agonist; Dopamine receptor antagonist (Sarre, S. (296) 247)

Partial receptor agonist

Ethanol; Dopamine receptor agonist; Dependence (Bono, G. (296) 233)

Pertussis toxin

[³⁵S]GTP γ [S] binding; Histamine H₃ receptor; G-protein (Clark, E.A. (296) 223)

Pharmacological validation

Stress, chronic, mild; Depression, animal model (Papp, M. (296) 129)

Phosphoinositide hydrolysis

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor; 5-HT_{2C} receptor; 5-HT receptor antagonist; Aryloxyalkylimidazoline (Siegel, B.W. (296) 307)

Phosphoinositide turnover

Protein kinase A; Endothelin; C₆ glioma cell; (ATP) (Lin, W.W. (296) 231)

Phospholipase A₂

EGF (epidermal growth factor); Smooth muscle, airway; Leukotriene; Tyrosine kinase (Nasuhara, Y. (296) 161)

Plasma exudation

K⁺ channel opener; Levromakalim; HOE 234; Bronchoconstriction (Kidney, J.C. (296) 81)

[³H](+)-PN200-110

Anandamide; Ca²⁺ channel; Arachidonic acid; [³H]Diltiazem; [³H](−)-Desmethoxyverapamil (Shimasue, K. (296) 347)

Positive inotropic effect

Methoxamine; α_1 -Adrenoceptor; Endothelin; Ventricular myocardium, rabbit (Yang, H.-T. (296) 47)

Protein kinase A

Phosphoinositide turnover; Endothelin; C₆ glioma cell; (ATP) (Lin, W.W. (296) 231)

Psychostimulant abuse

[¹²³I]RTI-55; Cocaine analog; (Mouse) (Gatley, S.J. (296) 145)

Pulmonary edema

Neuropeptide Y; Sympathetic nervous system; Capillary permeability (Hirabayashi, A. (296) 297)

Quinolinic acid, i.c.v. infusion

Learning; Long-term potentiation; Memantine; MK-801 (Miształ, M. (296) 1)

Radial maze learning

Entorhinal cortex lesion; NMDA receptor antagonist; Chronic infusion; Memantine; (+)-MK-801; (Rat) (Zajackowski, W. (296) 239)

σ Receptor

Behavioral sensitization; Cocaine; BMY-14802; SR-31742A; Schizophrenia (Ujike, H. (296) 123)

Receptor coupling

Muscarinic receptor; Heparin; Receptor subtype; Transfected cell; Allosteric interaction (Wang, S.Z. (296) 113)

Receptor subtype

Muscarinic receptor; Heparin; Transfected cell; Allosteric interaction; Receptor coupling (Wang, S.Z. (296) 113)

Recombinant channel

ATP receptor channel; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); *Xenopus* oocyte (Nakazawa, K. (296) 119)

Recombinant NMDA receptor

Xenopus oocyte; Ifenprodil stereoisomer; Voltage clamp (Avenet, P. (296) 209)

RO15-4513

Ethanol; GABA_A/benzodiazepine receptor complex; Ethanol dependence/withdrawal (Becker, H.C. (296) 43)

[¹²³I]RTI-55

Cocaine analog; Psychostimulant abuse; (Mouse) (Gatley, S.J. (296) 145)

Salbutamol

Bt₂ cAMP (*N*⁶,2'-*O*-dibutyryl adenosine 3':5'-cyclic monophosphate); Allergic pleurisy (Diaz, B.L. (296) 173)

Sarafotoxin S6c

IRL 1720; Endothelin ET_B receptor; FR139317; Hemodynamics (Kuwahara, M. (296) 55)

Schizophrenia

σ Receptor; Behavioral sensitization; Cocaine; BMY-14802; SR-31742A (Ujike, H. (296) 123)

Skeletal muscle

Taurine depletion; Mechanical threshold; Excitation-contraction coupling; Cl^- conductance; Ca^{2+} handling mechanism (De Luca, A. (296) 215)

Smooth muscle, airway

EGF (epidermal growth factor); Leukotriene; Tyrosine kinase; Phospholipase A_2 (Nasuhara, Y. (296) 161)

Smooth muscle cells, vascular

Dipyridamole; Nitric oxide (NO); Interleukin- 1β ; Cyclic nucleotide (Iimura, O. (296) 319)

Smooth muscle cell, vascular

Nuclear factor κB ; Tetrahydrobiopterin; GTP cyclohydrolase I; Nitric oxide (NO); (Rat) (Hattori, Y. (296) 107)

SMS 201-995

Somatostatin sst_2 receptor; Somatostatin sst_3 receptor; Somatostatin sst_5 receptor; Somatostatin receptor subtype; Gastric acid secretion; Brain; Somatostatin analog; (Rat) (Martínez, V. (296) 153)

Somatostatin analog

Somatostatin sst_2 receptor; Somatostatin sst_3 receptor; Somatostatin sst_5 receptor; SMS 201-995; Somatostatin receptor subtype; Gastric acid secretion; Brain; (Rat) (Martínez, V. (296) 153)

Somatostatin receptor subtype

Somatostatin sst_2 receptor; Somatostatin sst_3 receptor; Somatostatin sst_5 receptor; SMS 201-995; Gastric acid secretion; Brain; Somatostatin analog; (Rat) (Martínez, V. (296) 153)

Somatostatin sst_2 receptor

Somatostatin sst_3 receptor; Somatostatin sst_5 receptor; SMS 201-995; Somatostatin receptor subtype; Gastric acid secretion; Brain; Somatostatin analog; (Rat) (Martínez, V. (296) 153)

Somatostatin sst_3 receptor

Somatostatin sst_2 receptor; Somatostatin sst_5 receptor; SMS 201-995; Somatostatin receptor subtype; Gastric acid secretion; Brain; Somatostatin analog; (Rat) (Martínez, V. (296) 153)

Somatostatin sst_5 receptor

Somatostatin sst_2 receptor; Somatostatin sst_3 receptor; SMS 201-995; Somatostatin receptor subtype; Gastric acid secretion; Brain; Somatostatin analog; (Rat) (Martínez, V. (296) 153)

SR-31742A

σ Receptor; Behavioral sensitization; Cocaine; BMY-14802; Schizophrenia (Ujike, H. (296) 123)

SR 48968

Cold air; Tachykinin; Kinin; Bronchoconstriction; HOE 140; Neurogenic inflammation (Yoshihara, S. (296) 291)

SR141716A

Cannabinoid receptor; Cannabinoid receptor antagonist; Vas deferens, mouse; cAMP; Adenylate cyclase (Pertwee, R.G. (296) 169)

Stress, chronic, mild

Depression, animal model; Pharmacological validation (Papp, M. (296) 129)

Stretch-activated channel

Na^+ dependence; Ca^{2+} uptake; Membrane potential; Ca^{2+} channel, L-type (Ruiz-Velasco, V. (296) 327)

Superoxide radical

Leukocyte, human; Cystathionine (Wada, K. (296) 335)

Suprachiasmatic nucleus

Melatonin; Intergeniculate leaflet; Electrophysiology; Light; Circadian rhythm; Entrainment (Ying, S.-W. (296) 33)

Sympathetic nervous system

Neuropeptide Y; Pulmonary edema; Capillary permeability (Hirabayashi, A. (296) 297)

Tachykinin

Cold air; Kinin; Bronchoconstriction; SR 48968; HOE 140; Neurogenic inflammation (Yoshihara, S. (296) 291)

TAK-044

Endothelin-1; Heart, perfused, rat; BQ-123; Endothelin ET_A receptor; Endothelin ET_B receptor (Kusumoto, K. (296) 65)

Taurine depletion

Skeletal muscle; Mechanical threshold; Excitation-contraction coupling; Cl^- conductance; Ca^{2+} handling mechanism (De Luca, A. (296) 215)

Tetrahydrobiopterin

Nuclear factor κB ; GTP cyclohydrolase I; Nitric oxide (NO); Smooth muscle cell, vascular; (Rat) (Hattori, Y. (296) 107)

Tolerance

Agmatine; Morphine; Analgesia (Kolesnikov, Y. (296) 17)

Trachea

Neutral endopeptidase; Acetylcholine; Epithelium; Cholinergic neurotransmission; (Rabbit) (Loenders, B. (296) 89)

Transfected cell

Muscarinic receptor; Heparin; Receptor subtype; Allosteric interaction; Receptor coupling (Wang, S.Z. (296) 113)

Tyrosine kinase

EGF (epidermal growth factor); Smooth muscle, airway; Leukotriene; Phospholipase A_2 (Nasuhara, Y. (296) 161)

Vasa nervorum

Diabetic rat; Nerve blood flow; Adrenergic responsiveness; ACTH-(4–9) analog, Org 2766 (Van Buren, T. (296) 277)

Vas deferens, guinea-pig

Noradrenaline release; ATP release; Cotransmission; ANP (atrial natriuretic peptide); 8-Bromoguanosine 3':5'-cyclic monophosphate (Driessen, B. (296) 261)

Vas deferens, mouse

Cannabinoid receptor; Cannabinoid receptor antagonist; SR141716A; cAMP; Adenylate cyclase (Pertwee, R.G. (296) 169)

Ventricular myocardium, rabbit

Methoxamine; α_1 -Adrenoceptor; Positive inotropic effect; Endothelin (Yang, H.-T. (296) 47)

Venular shear rate

Intravital microscopy; Flow cytometry; Blood pressure, mean arterial; Leukocyte rolling; Leukocyte adherence (Scalia, R. (296) 181)

Voltage clamp

Recombinant NMDA receptor; *Xenopus* oocyte; Ifenprodil stereoisomer (Avenet, P. (296) 209)

***Xenopus* oocyte**

ATP receptor channel; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Recombinant channel (Nakazawa, K. (296) 119)

Recombinant NMDA receptor; Ifenprodil stereoisomer; Voltage clamp (Avenet, P. (296) 209)

[³H]YM060 ([methyl-³H]-(-)-(R)-5-[(1-methyl-1*H*-indol-3-yl)carbonyl]-4,5,6,7-tetrahydro-1*H*-benzimidazole monohydrochloride)
5-HT₃ receptor; Cerebral cortex; Ileum; Colon; 5-HT₃ receptor, cloned, rat (Akuzawa, S. (296) 227)