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Aceclofenac

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AMPA receptor

S18986-1; Hippocampus; Noradrenaline release; Allosteric modulator (Lockhart, B. (401) 145)

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Antidepressant

Amitriptyline; Tetrodotoxin-sensitive; Tetrodotoxin-resistant; Na⁺ channel; Dorsal root ganglion (Song, J.-H. (401) 297)

Antiepileptic drug

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μ -Opioid receptor; G-protein; Pons/medulla; Diabetes (Ohsawa, M. (401) 55)

Opioid; Diabetes mellitus; G-protein; μ -Opioid receptor; δ -Opioid receptor (Pieper, G.M. (401) 375)

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Antiserum against atrial natriuretic peptide

Ethanol tolerance; Ethanol dependence; Withdrawal; NMDA (*N*-methyl-D-aspartate); ANP (atrial natriuretic peptide) (Kovács, G.L. (401) 343)

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Articular chondrocyte, rabbit

Osteoarthritis; Rheumatoid arthritis; Aceclofenac; 4'-Hydroxy aceclofenac; Pro-matrix metalloproteinase 1; Pro-matrix metalloproteinase 3 (Akimoto, H. (401) 429)

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Aldose reductase; Diabetes; Non-adrenergic non-cholinergic; Gastric fundus, rat; Streptozotocin (Jenkinson, K.M. (401) 251)

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BAY u9773

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Bed nucleus of the stria terminalis

Animal model; Depression; CRF (corticotropin-releasing factor) (Stout, S.C. (401) 39)

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GABA (γ -aminobutyric acid); Anaesthetic; Optic nerve; Propofol (Empson, R.M. (401) 339)

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Cerebral ischaemia model; Na⁺ channel antagonist; Electrophysiology (Campbell, C.A. (401) 419)

Ca²⁺ channel, L-type

Clonidine; BAY K 8644; GABA (γ -aminobutyric acid); Limbic system; Septum, Epilepsy (Baran, H. (401) 31)

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K⁺ channel; Calcium; Patch clamp; Antipsychotic; Dequalinium (Dreixler, J.C. (401) 1)

cAMP

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Cannabinoid CB₂ receptor

WIN55212; Palmitoylethanolamide; Nitric oxide (NO); RAW264.7; Macrophage; cAMP (Ross, R.A. (401) 121)

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Ca²⁺ channel antagonist; Na⁺ channel antagonist; Electrophysiology (Campbell, C.A. (401) 419)

Cerebral ischemia

Erythropoietin; Brain injury; Neuronal death delayed; Nitric oxide (NO) (Calapai, G. (401) 349)

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Adenosine A_{2A} receptor; SCH 58261; ZM 241385; Motor activity; Knockout, mouse (El Yacoubi, M. (401) 63)

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L-DOPA methylester; Parkinson's disease; Daily rhythm; Radiotelemetry; Infusion constant rate (Simon, N. (401) 79)

CI 988

Enkephalin catabolism, mixed inhibitors; Enkephalin, endogenous; Drug discrimination; Morphine; CCK₁ receptor antagonist; RB 120 (Hutcheson, D.M. (401) 197)

Cilostazol

Thromboxane A₂; Arterial thrombosis; Z-335 (Tanaka, T. (401) 413)

Cl⁻ channel

Vasoconstriction; Stilbene derivative; Smooth muscle, vascular (Lamb, F.S. (401) 403)

Clonidine

BAY K 8644; GABA (γ -aminobutyric acid); Ca²⁺ channel, L-type; Limbic system; Septum, Epilepsy (Baran, H. (401) 31)

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Contraction

Pulmonary artery, porcine; Leukotriene; CysLT receptor; ICI 204,219; BAY u9773 (Bäck, M. (401) 381)

Pulmonary artery, human; Cysteinyl-leukotriene receptor; Prostacyclin; BAY u9773; MK 571 (Bäck, M. (401) 389)

Convulsion

Central nervous system; Systemic toxicity (Sugimoto, M. (401) 329)

Cortex, prefrontal

Acetylcholine; Hippocampus; HU 210; Microdialysis; SR 141716A; WIN 55, 212-2 (Acquas, E. (401) 179)

CRF (corticotropin-releasing factor)

Animal model; Depression; Bed nucleus of the stria terminalis (Stout, S.C. (401) 39)

CysLT receptor

Pulmonary artery, porcine; Leukotriene; Contraction; ICI 204,219; BAY u9773 (Bäck, M. (401) 381)

Cysteinyl-leukotriene receptor

Pulmonary artery, human; Contraction; Prostacyclin; BAY u9773; MK 571 (Bäck, M. (401) 389)

Daily rhythm

L-DOPA methylester; Parkinson's disease; Chronopharmacology; Radiotelemetry; Infusion constant rate (Simon, N. (401) 79)

Depression

Animal model; CRF (corticotropin-releasing factor); Bed nucleus of the stria terminalis (Stout, S.C. (401) 39)

Dequalinium

K⁺ channel; Calcium; Calmodulin; Patch clamp; Antipsychotic (Dreixler, J.C. (401) 1)

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Diabetes

μ -Opioid receptor; G-protein; Antinociception; Pons/medulla (Ohsawa, M. (401) 55)

Aldose reductase; Autonomic neuropathy; Non-adrenergic non-cholinergic; Gastric fundus, rat; Streptozotocin (Jenkinson, K.M. (401) 251)

Endothelium; Nitric oxide (NO); 5-HT (5-Hydroxytryptamine, serotonin); Carotid artery (Miranda, F.J. (401) 397)

Diabetes mellitus

Opioid; Antinociception; G-protein; μ -Opioid receptor; δ -Opioid receptor (Pieper, G.M. (401) 375)

Diabetic, rat

Allodynia, tactile; Allodynia, thermal; Tachykinin receptor antagonist (Coudoré-Civiale, M.-A. (401) 47)

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Domoic acid; MK-801; Dopamine; Microdialysis; Striatum, rat (Quintela, B.A. (401) 173)

Domoic acid

DNQX; MK-801; Dopamine; Microdialysis; Striatum, rat (Quintela, B.A. (401) 173)

L-DOPA methylester

Parkinson's disease; Daily rhythm; Chronopharmacology; Radiotelemetry; Infusion constant rate (Simon, N. (401) 79)

Dopamine

Domoic acid; DNQX; MK-801; Microdialysis; Striatum, rat (Quintela, B.A. (401) 173)

Dopamine D₂ receptor agonist

Steroid; Protein phosphatase; Dopamine D₂ receptor antagonist; Uptake (Thompson, T.L. (401) 357)

Dopamine D₂ receptor antagonist

Steroid; Protein phosphatase; Dopamine D₂ receptor agonist; Uptake (Thompson, T.L. (401) 357)

Dopamine release

RPR 118723; Glycine antagonist; Glutamate; *N*-methyl-D-aspartate (NMDA) receptor-channel complex; TCP binding (Boireau, A. (401) 131)

Ethanol; Stress of social defeat; Voltammetry in vivo; Nucleus accumbens; (Mouse) (Yavich, L. (401) 365)

Dorsal root ganglion

Amitriptyline; Antidepressant; Tetrodotoxin-sensitive; Tetrodotoxin-resistant; Na⁺ channel (Song, J.-H. (401) 297)

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GABA_A/benzodiazepine receptor; Sedation (Harris, D.L. (401) 271)

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Enkephalin catabolism, mixed inhibitors; Enkephalin, endogenous; Morphine; CI 988; CCK₁ receptor antagonist; RB 120 (Hutcheson, D.M. (401) 197)

Dystonia

σ Receptor; Neuroleptic; Haloperidol; Extrapyramidal (Matsumoto, R.R. (401) 155)

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TAK-637; Tachykinin NK₁ receptor antagonist, non-peptide; Micturition reflex; Spinal cord (Kamo, I. (401) 235)

Electrophysiology

Cerebral ischaemia model; Ca²⁺ channel antagonist; Na⁺ channel antagonist (Campbell, C.A. (401) 419)

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Hypocapnic constriction; Basilar artery; Nitric oxide (NO) (Zuccarello, M. (401) 213)

Endothelium

Diabetes; Nitric oxide (NO); 5-HT (5-Hydroxytryptamine, serotonin); Carotid artery (Miranda, F.J. (401) 397)

Enkephalin catabolism, mixed inhibitors

Enkephalin, endogenous; Drug discrimination; Morphine; CI 988; CCK₁ receptor antagonist; RB 120 (Hutcheson, D.M. (401) 197)

Enkephalin, endogenous

Enkephalin catabolism, mixed inhibitors; Drug discrimination; Morphine; CI 988; CCK₁ receptor antagonist; RB 120 (Hutcheson, D.M. (401) 197)

Epileptic activity

Antiepileptic drug; Vigabatrin; Temporal lobe epilepsy; Pharmacoresistant; Brain slice (Mushoff, U. (401) 167)

Erythropoietin

Cerebral ischemia; Brain injury; Neuronal death delayed; Nitric oxide (NO) (Calapai, G. (401) 349)

Ethanol

Dopamine release; Stress of social defeat; Voltammetry in vivo; Nucleus accumbens; (Mouse) (Yavich, L. (401) 365)

Ethanol dependence

Ethanol tolerance; Withdrawal; NMDA (*N*-methyl-D-aspartate); ANP (atrial natriuretic peptide); Antiserum against atrial natriuretic peptide (Kovács, G.L. (401) 343)

Ethanol tolerance

Ethanol dependence; Withdrawal; NMDA (*N*-methyl-D-aspartate); ANP (atrial natriuretic peptide); Antiserum against atrial natriuretic peptide (Kovács, G.L. (401) 343)

Ethanol withdrawal

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σ Receptor; Neuroleptic; Haloperidol; Dystonia (Matsumoto, R.R. (401) 155)

Fever

Lipopolysaccharide; μ -Opioid receptor antagonist; Preoptic anterior hypothalamus (Benamar, K. (401) 161)

Forskolin

Mesenteric artery, rat; cAMP; Levromakalim; Protein kinase A; K_{ATP} channels (Omar, R. (401) 85)

GABA_A/benzodiazepine receptor

Sedation; 3D pharmacophore (Harris, D.L. (401) 271)

GABA (γ -aminobutyric acid)

Clonidine; BAY K 8644; Ca²⁺ channel, L-type; Limbic system; Septum, Epilepsy (Baran, H. (401) 31)

Anaesthetic; Benzodiazepine; Optic nerve; Propofol (Empson, R.M. (401) 339)

Gastric fundus, rat

Aldose reductase; Autonomic neuropathy; Diabetes; Non-adrenergic non-cholinergic; Streptozotocin (Jenkinson, K.M. (401) 251)

Gastrointestinal motility

Gastrointestinal transit; Interdigestive migrating contraction; Post-operative ileus; SK-896; Prostaglandin F_{2 α} ; (Dog) (Tsukamoto, K. (401) 97)

Gastrointestinal transit

Gastrointestinal motility; Interdigestive migrating contraction; Post-operative ileus; SK-896; Prostaglandin F_{2 α} ; (Dog) (Tsukamoto, K. (401) 97)

GH (genetically hypertensive) rat

Tachykinin NK₁ receptor; Substance P; Inflammation; Hypertension genetic; Nitric oxide (NO) (Campbell, V.A. (401) 109)

Glutamate

RPR 118723; Glycine antagonist; *N*-methyl-D-aspartate (NMDA) receptor–channel complex; TCP binding; Dopamine release (Boireau, A. (401) 131)

Glycine antagonist

RPR 118723; Glutamate; *N*-methyl-D-aspartate (NMDA) receptor–channel complex; TCP binding; Dopamine release (Boireau, A. (401) 131)

G-protein

μ -Opioid receptor; Antinociception; Pons/medulla; Diabetes (Ohsawa, M. (401) 55)

Opioid; Diabetes mellitus; Antinociception; μ -Opioid receptor; δ -Opioid receptor (Pieper, G.M. (401) 375)

Haloperidol

σ Receptor; Neuroleptic; Dystonia; Extrapyramidal (Matsumoto, R.R. (401) 155)

σ Receptor; σ_1 Receptor mRNA; [³H]DTG ([³H]1,3-di (2-tolyl) guanidine); [³H](+)-Pentazocine; Species difference (Inoue, A. (401) 307)

[³H]DTG ([³H]1,3-di (2-tolyl) guanidine)

σ Receptor; Haloperidol; σ_1 Receptor mRNA; [³H](+)-Pentazocine; Species difference (Inoue, A. (401) 307)

Hepatocyte, rat

Lead; Lipopolysaccharide; Kupffer cell; Coculture; TNF- α (tumor necrosis factor- α); Nitric oxide (NO); Nitric oxide (NO) synthase, inducible (Milosevic, N. (401) 317)

Hippocampus

AMPA receptor; S18986-1; Noradrenaline release; Allosteric modulator (Lockhart, B. (401) 145)

Acetylcholine; HU 210; Microdialysis; Cortex, prefrontal; SR 141716A; WIN 55, 212-2 (Acquas, E. (401) 179)

[³H](+)-Pentazocine

σ Receptor; Haloperidol; σ_1 Receptor mRNA; [³H]DTG ([³H]1,3-di (2-tolyl) guanidine); Species difference (Inoue, A. (401) 307)

***N'*-acetyl-5-hydroxytryptamine (*N'*-acetyl-5-HT)**

Pineal gland; Melatonin; Suramin; P2-receptor (Mortani Barbosa Jr., E.J. (401) 59)

5-HT (5-hydroxytryptamine, serotonin)

α -Methyl-5-hydroxytryptamine; Vasoconstrictor effect; Mesenteric blood flow; 5-HT_{2B/2C} receptor (Fernández, M.M. (401) 221)

5-HT (5-Hydroxytryptamine, serotonin)

Endothelium; Diabetes; Nitric oxide (NO); Carotid artery (Miranda, F.J. (401) 397)

5-HT_{1A} receptor

[³⁵S]GTP γ S binding; Inverse agonist; WAY 100635 (Cosi, C. (401) 9)

5-HT_{2B/2C} receptor

5-HT (5-hydroxytryptamine, serotonin); α -Methyl-5-hydroxytryptamine; Vasoconstrictor effect; Mesenteric blood flow (Fernández, M.M. (401) 221)

HU 210

Acetylcholine; Hippocampus; Microdialysis; Cortex, prefrontal; SR 141716A; WIN 55, 212-2 (Acquas, E. (401) 179)

4'-Hydroxy aceclofenac

Osteoarthritis; Rheumatoid arthritis; Aceclofenac; Pro-matrix metalloproteinase 1; Pro-matrix metalloproteinase 3; Articular chondrocyte, rabbit (Akimoto, H. (401) 429)

Hypertension genetic

Tachykinin NK₁ receptor; Substance P; Inflammation; GH (genetically hypertensive) rat; Nitric oxide (NO) (Campbell, V.A. (401) 109)

Hypocapnic constriction

Endothelin-1; Basilar artery; Nitric oxide (NO) (Zuccarello, M. (401) 213)

ICI 204,219

Pulmonary artery, porcine; Leukotriene; Contraction; CysLT receptor; BAY u9773 (Bäck, M. (401) 381)

Ifenprodil

Ethanol withdrawal; NMDA receptor subunit; Liquid diet method (Narita, M. (401) 191)

Indomethacin

Pulmonary arteries; Dexfenfluramine; Phentolamine; Prazosin; Ketanserin (Patnaude, L.A. (401) 229)

Inflammation

Tachykinin NK₁ receptor; Substance P; Hypertension genetic; GH (genetically hypertensive) rat; Nitric oxide (NO) (Campbell, V.A. (401) 109)

Peroxisome proliferator-activated receptor (PPAR); Retinoid X receptor (RXR); Monocyte; Migration; Matrix metalloproteinase (Kintscher, U. (401) 259)

Infusion constant rate

L-DOPA methylester; Parkinson's disease; Daily rhythm; Chronopharmacology; Radiotelemetry (Simon, N. (401) 79)

Interdigestive migrating contraction

Gastrointestinal transit; Gastrointestinal motility; Post-operative ileus; SK-896; Prostaglandin F_{2 α} ; (Dog) (Tsukamoto, K. (401) 97)

Inverse agonist

[³⁵S]GTPγS binding; 5-HT_{1A} receptor; WAY 100635 (Cosi, C. (401) 9)

Iodonium

NADPH oxidase; Xanthine oxidase; Nitric oxidase (NO) synthase; NADH-ubiquinone reductase (Moulton, P. (401) 115)

K⁺ channel

Calcium; Calmodulin; Patch clamp; Antipsychotic; Dequalinium (Dreixler, J.C. (401) 1)

K_{ATP} channels

Mesenteric artery, rat; cAMP; Levromakalim; Forskolin; Protein kinase A (Omar, R. (401) 85)

K⁺ current, delayed-rectifier

Nifedipine; Ventricular myocyte, guinea-pig; K⁺ current, inward-rectifier (Zhabyeyev, P. (401) 137)

K⁺ current, inward-rectifier

Nifedipine; Ventricular myocyte, guinea-pig; K⁺ current, delayed-rectifier (Zhabyeyev, P. (401) 137)

Ketanserin

Pulmonary arteries; Dexfenfluramine; Phentolamine; Prazosin; Indomethacin (Patnaude, L.A. (401) 229)

Knockout, mouse

Adenosine A_{2A} receptor; SCH 58261; ZM 241385; CGS 21680; Motor activity (El Yacoubi, M. (401) 63)

Kupffer cell

Lead; Hepatocyte, rat; Lipopolysaccharide; Coculture; TNF-alpha (tumor necrosis factor-α); Nitric oxide (NO); Nitric oxide (NO) synthase, inducible (Milosevic, N. (401) 317)

Lead

Hepatocyte, rat; Lipopolysaccharide; Kupffer cell; Coculture; TNF-alpha (tumor necrosis factor-α); Nitric oxide (NO); Nitric oxide (NO) synthase, inducible (Milosevic, N. (401) 317)

Leukotriene

Pulmonary artery, porcine; Contraction; CysLT receptor; ICI 204,219; BAY u9773 (Bäck, M. (401) 381)

Levromakalim

Mesenteric artery, rat; cAMP; Forskolin; Protein kinase A; K_{ATP} channels (Omar, R. (401) 85)

Ligand docking

Cannabinoid receptor; SR 144528; WIN 55212-2; Mutagenesis; Molecular model (Gouldson, P. (401) 17)

Limbic system

Clonidine; BAY K 8644; GABA (γ-aminobutyric acid); Ca²⁺ channel, L-type; Septum, Epilepsy (Baran, H. (401) 31)

Lipopolysaccharide

Fever; μ-Opioid receptor antagonist; Preoptic anterior hypothalamus (Benamar, K. (401) 161)

Lead; Hepatocyte, rat; Kupffer cell; Coculture; TNF-alpha (tumor necrosis factor-α); Nitric oxide (NO); Nitric oxide (NO) synthase, inducible (Milosevic, N. (401) 317)

Liquid diet method

Ethanol withdrawal; Ifenprodil; NMDA receptor subunit (Narita, M. (401) 191)

Macrophage

Cannabinoid CB₂ receptor; WIN55212; Palmitoylethanolamide; Nitric oxide (NO); RAW264.7; cAMP (Ross, R.A. (401) 121)

Matrix metalloproteinase

Peroxisome proliferator-activated receptor (PPAR); Retinoid X receptor (RXR); Inflammation; Monocyte; Migration (Kintscher, U. (401) 259)

Medullary collecting duct, inner

Vasopressin; Vasopressin receptor; Vasopressin V_{1B} receptor; Vasopressin V₂ receptor, CHO (Chinese hamster ovary) cell (Saito, M. (401) 289)

Melatonin

Pineal gland; N'-acetyl-5-hydroxytryptamine (N'-acetyl-5-HT); Suramin; P2-receptor (Mortani Barbosa Jr., E.J. (401) 59)

Memory

AMPA receptor; Object recognition; S 18986-1; (Rat) (Lebrun, C. (401) 205)

Mesenteric artery, rat

cAMP; Levromakalim; Forskolin; Protein kinase A; K_{ATP} channels (Omar, R. (401) 85)

Mesenteric blood flow

5-HT (5-hydroxytryptamine, serotonin); α-Methyl-5-hydroxytryptamine; Vasoconstrictor effect; 5-HT_{2B/2C} receptor (Fernández, M.M. (401) 221)

α-Methyl-5-hydroxytryptamine

5-HT (5-hydroxytryptamine, serotonin); Vasoconstrictor effect; Mesenteric blood flow; 5-HT_{2B/2C} receptor (Fernández, M.M. (401) 221)

Mibefradil

Sinus node cell; Ca²⁺ current (Protas, L. (401) 27)

Microdialysis

Domoic acid; DNQX; MK-801; Dopamine; Striatum, rat (Quintela, B.A. (401) 173)

Acetylcholine; Hippocampus; HU 210; Cortex, prefrontal; SR 141716A; WIN 55, 212-2 (Acquas, E. (401) 179)

Micturition reflex

TAK-637; Tachykinin NK₁ receptor antagonist, non-peptide; Spinal cord; Electrical stimulation (Kamo, I. (401) 235)

Migration

Peroxisome proliferator-activated receptor (PPAR); Retinoid X receptor (RXR); Inflammation; Monocyte; Matrix metalloproteinase (Kintscher, U. (401) 259)

MK-801

Domoic acid; DNQX; Dopamine; Microdialysis; Striatum, rat (Quintela, B.A. (401) 173)

MK 571

Pulmonary artery, human; Contraction; Cysteinyl-leukotriene receptor; Prostacyclin; BAY u9773 (Bäck, M. (401) 389)

Molecular model

Cannabinoid receptor; SR 144528; WIN 55212-2; Mutagenesis; Ligand docking (Gouldson, P. (401) 17)

Monocyte

Peroxisome proliferator-activated receptor (PPAR); Retinoid X receptor (RXR); Inflammation; Migration; Matrix metalloproteinase (Kintscher, U. (401) 259)

Morphine

Enkephalin catabolism, mixed inhibitors; Enkephalin, endogenous; Drug discrimination; CI 988; CCK₁ receptor antagonist; RB 120 (Hutcheson, D.M. (401) 197)

Motor activity

Adenosine A_{2A} receptor; SCH 58261; ZM 241385; CGS 21680; Knock-out, mouse (El Yacoubi, M. (401) 63)

Mutagenesis

Cannabinoid receptor; SR 144528; WIN 55212-2; Ligand docking; Molecular model (Gouldson, P. (401) 17)

Na⁺ channel

Amitriptyline; Antidepressant; Tetrodotoxin-sensitive; Tetrodotoxin-resistant; Dorsal root ganglion (Song, J.-H. (401) 297)

Na⁺ channel antagonist

Cerebral ischaemia model; Ca²⁺ channel antagonist; Electrophysiology (Campbell, C.A. (401) 419)

NADH-ubiquinone reductase

Iodonium; NADPH oxidase; Xanthine oxidase; Nitric oxidase (NO) synthase (Moulton, P. (401) 115)

NADPH oxidase

Iodonium; Xanthine oxidase; Nitric oxidase (NO) synthase; NADH-ubiquinone reductase (Moulton, P. (401) 115)

Nerve ligation

Chronic pain; Protein kinase C; TrkB receptor; Spinal cord; (Mouse) (Narita, M. (401) 187)

Neuroleptic

σ Receptor; Haloperidol; Dystonia; Extrapyramidal (Matsumoto, R.R. (401) 155)

Neuronal death delayed

Erythropoietin; Cerebral ischemia; Brain injury; Nitric oxide (NO) (Calapai, G. (401) 349)

Nifedipine

Ventricular myocyte, guinea-pig; K⁺ current, inward-rectifier; K⁺ current, delayed-rectifier (Zhabyeyev, P. (401) 137)

Nitric oxidase (NO) synthase

Iodonium; NADPH oxidase; Xanthine oxidase; NADH-ubiquinone reductase (Moulton, P. (401) 115)

Nitric oxide (NO)

Tachykinin NK₁ receptor; Substance P; Inflammation; Hypertension genetic; GH (genetically hypertensive) rat (Campbell, V.A. (401) 109)

Cannabinoid CB₂ receptor; WIN55212; Palmitoylethanolamide; RAW264.7; Macrophage; cAMP (Ross, R.A. (401) 121)

Hypocapnic constriction; Endothelin-1; Basilar artery (Zuccarello, M. (401) 213)

Urinary bladder; Urethra; cGMP; Smooth muscle (Fujiwara, M. (401) 241)

Lead; Hepatocyte, rat; Lipopolysaccharide; Kupffer cell; Coculture; TNF-alpha (tumor necrosis factor-α); Nitric oxide (NO) synthase, inducible (Milosevic, N. (401) 317)

Erythropoietin; Cerebral ischemia; Brain injury; Neuronal death delayed (Calapai, G. (401) 349)

Endothelium; Diabetes; 5-HT (5-Hydroxytryptamine, serotonin); Carotid artery (Miranda, F.J. (401) 397)

Nitric oxide (NO) synthase, inducible

Lead; Hepatocyte, rat; Lipopolysaccharide; Kupffer cell; Coculture; TNF-alpha (tumor necrosis factor-α); Nitric oxide (NO) (Milosevic, N. (401) 317)

NMDA (N-methyl-D-aspartate)

Ethanol tolerance; Ethanol dependence; Withdrawal; ANP (atrial natriuretic peptide); Antiserum against atrial natriuretic peptide (Kovács, G.L. (401) 343)

N-methyl-D-aspartate (NMDA) receptor-channel complex

RPR 118723; Glycine antagonist; Glutamate; TCP binding; Dopamine release (Boireau, A. (401) 131)

NMDA receptor subunit

Ethanol withdrawal; Ifenprodil; Liquid diet method (Narita, M. (401) 191)

Non-adrenergic non-cholinergic

Aldose reductase; Autonomic neuropathy; Diabetes; Gastric fundus, rat; Streptozotocin (Jenkinson, K.M. (401) 251)

Noradrenaline release

AMPA receptor; S18986-1; Hippocampus; Allosteric modulator (Lockhart, B. (401) 145)

Nucleus accumbens

Ethanol; Dopamine release; Stress of social defeat; Voltammetry in vivo; (Mouse) (Yavich, L. (401) 365)

Object recognition

AMPA receptor; Memory; S 18986-1; (Rat) (Lebrun, C. (401) 205)

Opioid

Diabetes mellitus; Antinociception; G-protein; μ-Opioid receptor; δ-Opioid receptor (Pieper, G.M. (401) 375)

δ-Opioid receptor

Opioid; Diabetes mellitus; Antinociception; G-protein; μ-Opioid receptor (Pieper, G.M. (401) 375)

μ-Opioid receptor

G-protein; Antinociception; Pons/medulla; Diabetes (Ohsawa, M. (401) 55)

Opioid; Diabetes mellitus; Antinociception; G-protein; δ-Opioid receptor (Pieper, G.M. (401) 375)

μ-Opioid receptor antagonist

Lipopolysaccharide; Fever; Preoptic anterior hypothalamus (Benamar, K. (401) 161)

Optic nerve

GABA (γ-aminobutyric acid); Anaesthetic; Benzodiazepine; Propofol (Empson, R.M. (401) 339)

Osteoarthritis

Rheumatoid arthritis; Aceclofenac; 4'-Hydroxy aceclofenac; Pro-matrix metalloproteinase 1; Pro-matrix metalloproteinase 3; Articular chondrocyte, rabbit (Akimoto, H. (401) 429)

Palmitoylethanolamide

Cannabinoid CB₂ receptor; WIN55212; Nitric oxide (NO); RAW264.7; Macrophage; cAMP (Ross, R.A. (401) 121)

Parkinson's disease

L-DOPA methylester; Daily rhythm; Chronopharmacology; Radiotelemetry; Infusion constant rate (Simon, N. (401) 79)

Patch clamp

K⁺ channel; Calcium; Calmodulin; Antipsychotic; Dequalinium (Dreixler, J.C. (401) 1)

Peroxisome proliferator-activated receptor (PPAR)

Retinoid X receptor (RXR); Inflammation; Monocyte; Migration; Matrix metalloproteinase (Kintscher, U. (401) 259)

Pharmacoresistant

Antiepileptic drug; Vigabatrin; Epileptic activity; Temporal lobe epilepsy; Brain slice (Muschhoff, U. (401) 167)

Phentolamine

Pulmonary arteries; Dexfenfluramine; Prazosin; Ketanserin; Indomethacin (Patnaude, L.A. (401) 229)

Pineal gland

Melatonin; *N'*-acetyl-5-hydroxytryptamine (*N'*-acetyl-5-HT); Suramin; P2-receptor (Mortani Barbosa Jr., E.J. (401) 59)

Pons / medulla

μ-Opioid receptor; G-protein; Antinociception; Diabetes (Ohsawa, M. (401) 55)

Post-operative ileus

Gastrointestinal transit; Gastrointestinal motility; Interdigestive migrating contraction; SK-896; Prostaglandin F_{2α}; (Dog) (Tsukamoto, K. (401) 97)

Prazosin

Pulmonary arteries; Dexfenfluramine; Phentolamine; Ketanserin; Indomethacin (Patnaude, L.A. (401) 229)

P2-receptor

Pineal gland; Melatonin; *N'*-acetyl-5-hydroxytryptamine (*N'*-acetyl-5-HT); Suramin (Mortani Barbosa Jr., E.J. (401) 59)

Preoptic anterior hypothalamus

Lipopolysaccharide; Fever; μ-Opioid receptor antagonist (Benamar, K. (401) 161)

Pro-matrix metalloproteinase 1

Osteoarthritis; Rheumatoid arthritis; Aceclofenac; 4'-Hydroxy aceclofenac; Pro-matrix metalloproteinase 3; Articular chondrocyte, rabbit (Akimoto, H. (401) 429)

Pro-matrix metalloproteinase 3

Osteoarthritis; Rheumatoid arthritis; Aceclofenac; 4'-Hydroxy aceclofenac; Pro-matrix metalloproteinase 1; Articular chondrocyte, rabbit (Akimoto, H. (401) 429)

Propofol

GABA (γ-aminobutyric acid); Anaesthetic; Benzodiazepine; Optic nerve (Empson, R.M. (401) 339)

Prostacyclin

Pulmonary artery, human; Contraction; Cysteinyl-leukotriene receptor; BAY u9773; MK 571 (Bäck, M. (401) 389)

Prostaglandin F_{2α}

Gastrointestinal transit; Gastrointestinal motility; Interdigestive migrating contraction; Post-operative ileus; SK-896; (Dog) (Tsukamoto, K. (401) 97)

Protein kinase A

Mesenteric artery, rat; cAMP; Levromakalim; Forskolin; K_{ATP} channels (Omar, R. (401) 85)

Protein kinase C

Nerve ligation; Chronic pain; TrkB receptor; Spinal cord; (Mouse) (Narita, M. (401) 187)

Protein phosphatase

Steroid; Dopamine D₂ receptor agonist; Dopamine D₂ receptor antagonist; Uptake (Thompson, T.L. (401) 357)

Pulmonary arteries

Dexfenfluramine; Phentolamine; Prazosin; Ketanserin; Indomethacin (Patnaude, L.A. (401) 229)

Pulmonary artery, human

Contraction; Cysteinyl-leukotriene receptor; Prostacyclin; BAY u9773; MK 571 (Bäck, M. (401) 389)

Pulmonary artery, porcine

Leukotriene; Contraction; CysLT receptor; ICI 204,219; BAY u9773 (Bäck, M. (401) 381)

Radiotelemetry

L-DOPA methylester; Parkinson's disease; Daily rhythm; Chronopharmacology; Infusion constant rate (Simon, N. (401) 79)

RAW264.7

Cannabinoid CB₂ receptor; WIN55212; Palmitoylethanolamide; Nitric oxide (NO); Macrophage; cAMP (Ross, R.A. (401) 121)

RB 120

Enkephalin catabolism, mixed inhibitors; Enkephalin, endogenous; Drug discrimination; Morphine; CI 988; CCK₁ receptor antagonist (Hutcheson, D.M. (401) 197)

σ Receptor

Neuroleptic; Haloperidol; Dystonia; Extrapyrmidal (Matsumoto, R.R. (401) 155)

Haloperidol; σ₁ Receptor mRNA; [³H]DTG ([³H]1,3-di (2-tolyl) guanidine); [³H](+)-Pentazocine; Species difference (Inoue, A. (401) 307)

σ₁ Receptor mRNA

σ Receptor; Haloperidol; [³H]DTG ([³H]1,3-di (2-tolyl) guanidine); [³H](+)-Pentazocine; Species difference (Inoue, A. (401) 307)

Retinoid X receptor (RXR)

Peroxisome proliferator-activated receptor (PPAR); Inflammation; Monocyte; Migration; Matrix metalloproteinase (Kintscher, U. (401) 259)

Rheumatoid arthritis

Osteoarthritis; Aceclofenac; 4'-Hydroxy aceclofenac; Pro-matrix metalloproteinase 1; Pro-matrix metalloproteinase 3; Articular chondrocyte, rabbit (Akimoto, H. (401) 429)

RPR 118723

Glycine antagonist; Glutamate; *N*-methyl-D-aspartate (NMDA) receptor-channel complex; TCP binding; Dopamine release (Boireau, A. (401) 131)

S18986-1

AMPA receptor; Hippocampus; Noradrenaline release; Allosteric modulator (Lockhart, B. (401) 145)

S 18986-1

AMPA receptor; Object recognition; Memory; (Rat) (Lebrun, C. (401) 205)

SCH 58261

Adenosine A_{2A} receptor; ZM 241385; CGS 21680; Motor activity; Knockout, mouse (El Yacoubi, M. (401) 63)

Sedation

GABA_A/benzodiazepine receptor; 3D pharmacophore (Harris, D.L. (401) 271)

Septum, Epilepsy

Clonidine; BAY K 8644; GABA (γ -aminobutyric acid); Ca²⁺ channel, L-type; Limbic system (Baran, H. (401) 31)

[³⁵S]GTP γ S binding

5-HT_{1A} receptor; Inverse agonist; WAY 100635 (Cosi, C. (401) 9)

Sinus node cell

Mibefradil; Ca²⁺ current (Protas, L. (401) 27)

SK-896

Gastrointestinal transit; Gastrointestinal motility; Interdigestive migrating contraction; Post-operative ileus; Prostaglandin F_{2 α} ; (Dog) (Tsukamoto, K. (401) 97)

Smooth muscle

Urinary bladder; Urethra; Nitric oxide (NO); cGMP (Fujiwara, M. (401) 241)

Smooth muscle, vascular

Cl[−] channel; Vasoconstriction; Stilbene derivative (Lamb, F.S. (401) 403)

Species difference

σ Receptor; Haloperidol; σ_1 Receptor mRNA; [³H]DTG ([³H]1,3-di (2-tolyl) guanidine); [³H](+)-Pentazocine (Inoue, A. (401) 307)

Spinal cord

Nerve ligation; Chronic pain; Protein kinase C; TrkB receptor; (Mouse) (Narita, M. (401) 187)

TAK-637; Tachykinin NK₁ receptor antagonist, non-peptide; Micturition reflex; Electrical stimulation (Kamo, I. (401) 235)

SR 144528

Cannabinoid receptor; WIN 55212-2; Mutagenesis; Ligand docking; Molecular model (Gouldson, P. (401) 17)

SR 141716A

Acetylcholine; Hippocampus; HU 210; Microdialysis; Cortex, prefrontal; WIN 55, 212-2 (Acquas, E. (401) 179)

Steroid

Protein phosphatase; Dopamine D₂ receptor agonist; Dopamine D₂ receptor antagonist; Uptake (Thompson, T.L. (401) 357)

Stilbene derivative

Cl[−] channel; Vasoconstriction; Smooth muscle, vascular (Lamb, F.S. (401) 403)

Streptozotocin

Aldose reductase; Autonomic neuropathy; Diabetes; Non-adrenergic non-cholinergic; Gastric fundus, rat (Jenkinson, K.M. (401) 251)

Stress of social defeat

Ethanol; Dopamine release; Voltammetry in vivo; Nucleus accumbens; (Mouse) (Yavich, L. (401) 365)

Striatum, rat

Domoic acid; DNQX; MK-801; Dopamine; Microdialysis (Quintela, B.A. (401) 173)

Substance P

Tachykinin NK₁ receptor; Inflammation; Hypertension genetic; GH (genetically hypertensive) rat; Nitric oxide (NO) (Campbell, V.A. (401) 109)

Suramin

Pineal gland; Melatonin; *N'*-acetyl-5-hydroxytryptamine (*N'*-acetyl-5-HT); P2-receptor (Mortani Barbosa Jr., E.J. (401) 59)

Systemic toxicity

Convulsion; Central nervous system (Sugimoto, M. (401) 329)

Tachykinin NK₁ receptor

Substance P; Inflammation; Hypertension genetic; GH (genetically hypertensive) rat; Nitric oxide (NO) (Campbell, V.A. (401) 109)

Tachykinin NK₁ receptor antagonist, non-peptide

TAK-637; Micturition reflex; Spinal cord; Electrical stimulation (Kamo, I. (401) 235)

Tachykinin receptor antagonist

Diabetic, rat; Allodynia, tactile; Allodynia, thermal (Coudoré-Civiale, M.-A. (401) 47)

TAK-637

Tachykinin NK₁ receptor antagonist, non-peptide; Micturition reflex; Spinal cord; Electrical stimulation (Kamo, I. (401) 235)

TCP binding

RPR 118723; Glycine antagonist; Glutamate; *N*-methyl-D-aspartate (NMDA) receptor-channel complex; Dopamine release (Boireau, A. (401) 131)

Temporal lobe epilepsy

Antiepileptic drug; Vigabatrin; Epileptic activity; Pharmacoresistant; Brain slice (Musschoff, U. (401) 167)

Tetrodotoxin-resistant

Amitriptyline; Antidepressant; Tetrodotoxin-sensitive; Na⁺ channel; Dorsal root ganglion (Song, J.-H. (401) 297)

Tetrodotoxin-sensitive

Amitriptyline; Antidepressant; Tetrodotoxin-resistant; Na⁺ channel; Dorsal root ganglion (Song, J.-H. (401) 297)

Thromboxane A₂

Arterial thrombosis; Z-335; Cilostazol (Tanaka, T. (401) 413)

TNF-alpha (tumor necrosis factor- α)

Lead; Hepatocyte, rat; Lipopolysaccharide; Kupffer cell; Coculture; Nitric oxide (NO); Nitric oxide (NO) synthase, inducible (Milosevic, N. (401) 317)

TrkB receptor

Nerve ligation; Chronic pain; Protein kinase C; Spinal cord; (Mouse) (Narita, M. (401) 187)

Uptake

Steroid; Protein phosphatase; Dopamine D₂ receptor agonist; Dopamine D₂ receptor antagonist (Thompson, T.L. (401) 357)

Urethra

Urinary bladder; Nitric oxide (NO); cGMP; Smooth muscle (Fujiwara, M. (401) 241)

Urinary bladder

Urethra; Nitric oxide (NO); cGMP; Smooth muscle (Fujiwara, M. (401) 241)

Vasoconstriction

Cl⁻ channel; Stilbene derivative; Smooth muscle, vascular (Lamb, F.S. (401) 403)

Vasoconstrictor effect

5-HT (5-hydroxytryptamine, serotonin); α -Methyl-5-hydroxytryptamine; Mesenteric blood flow; 5-HT_{2B/2C} receptor (Fernández, M.M. (401) 221)

Vasopressin

Vasopressin receptor; Vasopressin V_{1B} receptor; Vasopressin V₂ receptor, CHO (Chinese hamster ovary) cell; Medullary collecting duct, inner (Saito, M. (401) 289)

Vasopressin receptor

Vasopressin; Vasopressin V_{1B} receptor; Vasopressin V₂ receptor, CHO (Chinese hamster ovary) cell; Medullary collecting duct, inner (Saito, M. (401) 289)

Vasopressin V_{1B} receptor

Vasopressin; Vasopressin receptor; Vasopressin V₂ receptor, CHO (Chinese hamster ovary) cell; Medullary collecting duct, inner (Saito, M. (401) 289)

Vasopressin V₂ receptor, CHO (Chinese hamster ovary) cell

Vasopressin; Vasopressin receptor; Vasopressin V_{1B} receptor; Medullary collecting duct, inner (Saito, M. (401) 289)

Ventricular myocyte, guinea-pig

Nifedipine; K⁺ current, inward-rectifier; K⁺ current, delayed-rectifier (Zhabyeyev, P. (401) 137)

Vigabatrin

Antiepileptic drug; Epileptic activity; Temporal lobe epilepsy; Pharmacoresistant; Brain slice (Musshoff, U. (401) 167)

Voltammetry in vivo

Ethanol; Dopamine release; Stress of social defeat; Nucleus accumbens; (Mouse) (Yavich, L. (401) 365)

WAY 100635

[³⁵S]GTP γ S binding; 5-HT_{1A} receptor; Inverse agonist (Cosi, C. (401) 9)

WIN 55212-2

Cannabinoid receptor; SR 144528; Mutagenesis; Ligand docking; Molecular model (Gouldson, P. (401) 17)

WIN55212

Cannabinoid CB₂ receptor; Palmitoylethanolamide; Nitric oxide (NO); RAW264.7; Macrophage; cAMP (Ross, R.A. (401) 121)

WIN 55, 212-2

Acetylcholine; Hippocampus; HU 210; Microdialysis; Cortex, prefrontal; SR 141716A (Acquas, E. (401) 179)

Withdrawal

Ethanol tolerance; Ethanol dependence; NMDA (*N*-methyl-D-aspartate); ANP (atrial natriuretic peptide); Antiserum against atrial natriuretic peptide (Kovács, G.L. (401) 343)

Xanthine oxidase

Iodonium; NADPH oxidase; Nitric oxidase (NO) synthase; NADH-ubiquinone reductase (Moulton, P. (401) 115)

Z-335

Thromboxane A₂; Arterial thrombosis; Cilostazol (Tanaka, T. (401) 413)

ZM 241385

Adenosine A_{2A} receptor; SCH 58261; CGS 21680; Motor activity; Knockout, mouse (El Yacoubi, M. (401) 63)