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Enkephalin; Methylnaloxonium; RB 101; Amygdala; Thalamus, ventro-basal; Central gray matter; Raphe magnum nucleus (Valverde, O. (312) 15)

Respiratory depression; Opioid receptor; Naloxonazine; Levorphanol; Quadazocine; (*Macaca mulatta*) (Gatch, M.B. (312) 389)

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Arthritis

Cartilage; Chondrocyte; Nitric oxide (NO) synthase, inducible; Free radical (Jang, D. (312) 341)

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cAMP; Rolipram; Methamphetamine; Microdialysis, *in vivo* (Iyo, M. (312) 163)

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Opioid receptor; Partial agonist; cAMP; KT-90 ((-)-3-acetyl-6 β -acetylthio-*N*-cyclopropylmethyl-normorphine) (Katsumata, S. (312) 349)

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BMV 7378

Spinal cord; α_1 -Adrenoceptor subtype; 5-Methyl-urapidil; [³H]Prazosin; (Rat) (Wada, T. (312) 263)

Brain

Sertraline; Glutamic acid decarboxylase mRNA; Hybridization, *in situ* (Giardino, L. (312) 183)

Brain, rat

5-HT_{1A} receptor; BRL 44408; ARC 239; α_2 -Adrenoceptor subtype (Meana, J.J. (312) 385)

BRL 44408

5-HT_{1A} receptor; ARC 239; α_2 -Adrenoceptor subtype; Brain, rat (Meana, J.J. (312) 385)

Ca²⁺ channel

Oxatamide; RBL-2H3 cell; Signal transduction; Exocytosis; Protein tyrosine phosphorylation; Ca²⁺ flux (Paulussen, J.J.C. (312) 121)

CP-060S; Ca²⁺ overload; Veratridine; Cardiomyocyte; Smooth muscle, vascular (Tamura, K. (312) 195)

Ca²⁺ channel inhibitor

NMDA receptor antagonist; CGP 40116; CGP 43487; Flunarizine; Nifedipine; Nifedipine; Seizure (Gasior, M. (312) 27)

Ca²⁺ flux

Oxatamide; RBL-2H3 cell; Signal transduction; Exocytosis; Protein tyrosine phosphorylation; Ca²⁺ channel (Paulussen, J.J.C. (312) 121)

Ca²⁺ overload

CP-060S; Veratridine; Cardiomyocyte; Ca²⁺ channel; Smooth muscle, vascular (Tamura, K. (312) 195)

Capsaicin

Pancreatic islet; Insulin release; Blood flow; Pancreas; Peptidergic neuron (Carlsson, P.-O. (312) 75)

Captopril

Ischemia; Reperfusion; Angiotensin-converting enzyme; Idapril; Heart; (Rat) (Riva, E. (312) 293)

Cardiac Na⁺ channel

Na⁺ channel block; Antiarrhythmic agent, class I; Bisaramil (Sunami, A. (312) 245)

Cardiomyocyte

CP-060S; Ca²⁺ overload; Veratridine; Ca²⁺ channel; Smooth muscle, vascular (Tamura, K. (312) 195)

Carotid artery

Antimigraine drug; Arteriovenous anastomosis; GMC2021; Coronary artery, human; Migraine; Sumatriptan; (Human); (Pig) (Saxena, P.R. (312) 53)

Cartilage

Chondrocyte; Nitric oxide (NO) synthase, inducible; Free radical; Arthritis (Jang, D. (312) 341)

Catecholaminergic neuron

Δ^9 -Tetrahydrocannabinol; Nucleus tractus solitarius; Nausea; Glucose; 5-HT₃ receptor (Himmi, T. (312) 273)

CCK_A receptor

Pancreatic secretion; Gallbladder contraction; Gastric emptying; T-0632 (Taniguchi, H. (312) 227)

CD69

Jatrophone; Natural killer activity; Lymphocyte proliferation; Protein kinase C; 12-*O*-Tetradecanoylphorbol 13-acetate; Interleukin-2 (Gonçalves de Moraes, V.L. (312) 333)

Central gray matter

Enkephalin; Methylnaloxonium; RB 101; Antinociception; Amygdala; Thalamus, ventro-basal; Raphe magnum nucleus (Valverde, O. (312) 15)

CGP 40116

NMDA receptor antagonist; CGP 43487; Ca^{2+} channel inhibitor; Flunarizine; Nicardipine; Nifedipine; Seizure (Gasior, M. (312) 27)

CGP 43487

NMDA receptor antagonist; CGP 40116; Ca^{2+} channel inhibitor; Flunarizine; Nicardipine; Nifedipine; Seizure (Gasior, M. (312) 27)

Cholinergic transmission

Melatonin; Nicotinic channel; Synaptic modulation; Submucosal neuron; Enteric neuron; Nerve terminal (Barajas-López, C. (312) 319)

Chondrocyte

Cartilage; Nitric oxide (NO) synthase, inducible; Free radical; Arthritis (Jang, D. (312) 341)

CI-988

Anxiety; Immediate early gene; Elevated X-maze; Benzodiazepine; CCK (cholecystokinin) (Hinks, G.L. (312) 153)

Circadian rhythm

Pharmacokinetics; Melatonin; Continuous light; 6-Sulfatoxymelatonin; (Intravenous) (Deprés-Brummer, P. (312) 171)

Continuous light

Pharmacokinetics; Melatonin; Circadian rhythm; 6-Sulfatoxymelatonin; (Intravenous) (Deprés-Brummer, P. (312) 171)

Coronary artery, human

Antimigraine drug; Arteriovenous anastomosis; Carotid artery; GMC2021; Migraine; Sumatriptan; (Human); (Pig) (Saxena, P.R. (312) 53)

Cough reflex

Angiotensin-converting enzyme inhibitor; Enalapril; Moguisteine; Non-narcotic antitussive drug (Kamei, J. (312) 235)

CP-060S

Ca^{2+} overload; Veratridine; Cardiomyocyte; Ca^{2+} channel; Smooth muscle, vascular (Tamura, K. (312) 195)

CRF receptor

IMR-32 human neuroblastoma cell line; Differentiation; Radioligand binding; Adenylate cyclase (Hogg, J.E. (312) 257)

Delequamine

RS15385; α_2 -Adrenoceptor; Lordosis; Sexual behavior, female; (Rat) (Gonzalez, M.I. (312) 1)

Depression

Dopamine neuron; *l*-Sulpiride; Desipramine; Autoreceptor (Diana, M. (312) 179)

Desipramine

Dopamine neuron; *l*-Sulpiride; Autoreceptor; Depression (Diana, M. (312) 179)

Maprotiline; Prefrontal cortex; Locus ceruleus; Extracellular recording; (Anesthetized rat) (Ceci, A. (312) 189)

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CRF receptor; IMR-32 human neuroblastoma cell line; Radioligand binding; Adenylate cyclase (Hogg, J.E. (312) 257)

Dolabrone

Anti-inflammatory; Neutrophil, human; Myeloperoxidase; Elastase; Prostaglandin; Leukotriene (Payá, M. (312) 97)

Dopamine neuron

l-Sulpiride; Desipramine; Autoreceptor; Depression (Diana, M. (312) 179)

Dopamine neuronal firing

D_3 receptor; Dopamine receptor agonist; Pramipexole (Piercey, M.F. (312) 35)

Dopamine receptor agonist

D_3 receptor; Dopamine neuronal firing; Pramipexole (Piercey, M.F. (312) 35)

 D_3 receptor

Dopamine receptor agonist; Dopamine neuronal firing; Pramipexole (Piercey, M.F. (312) 35)

Drug-receptor interaction

Binding thermodynamics; 5-HT_{1A} receptor (Dalpiaz, A. (312) 107)

Dynorphin

Analgesia; Opioid; Δ^9 -Tetrahydrocannabinol; SR-141,716 A; Nor-binaltorphimine (Reche, I. (312) 391)

Elastase

Dolabrone; Anti-inflammatory; Neutrophil, human; Myeloperoxidase; Prostaglandin; Leukotriene (Payá, M. (312) 97)

Elevated X-maze

Anxiety; Immediate early gene; CI-988; Benzodiazepine; CCK (cholecystokinin) (Hinks, G.L. (312) 153)

Enalapril

Cough reflex; Angiotensin-converting enzyme inhibitor; Moguisteine; Non-narcotic antitussive drug (Kamei, J. (312) 235)

Enkephalin

Methylnaloxonium; RB 101; Antinociception; Amygdala; Thalamus, ventro-basal; Central gray matter; Raphe magnum nucleus (Valverde, O. (312) 15)

Enteric neuron

Melatonin; Nicotinic channel; Cholinergic transmission; Synaptic modulation; Submucosal neuron; Nerve terminal (Barajas-López, C. (312) 319)

Estrogen

Male pheromone; Glutamic acid decarboxylase; Olfactory bulb; Ovariectomy; Progesterone; (Rat) (Navarro Becerra, N. (312) 83)

Estrous cycle

α_1 -Adrenoceptor; Uterine artery; Pregnancy (Nair, R. (312) 45)

Exocytosis

Oxatomide; RBL-2H3 cell; Signal transduction; Protein tyrosine phosphorylation; Ca^{2+} flux; Ca^{2+} channel (Paulussen, J.J.C. (312) 121)

Extracellular recording

Desipramine; Maprotiline; Prefrontal cortex; Locus ceruleus; (Anesthetized rat) (Ceci, A. (312) 189)

Fentanyl

μ_1 -Opioid receptor; Respiratory depression; Morphine; Muscle rigidity (Chen, S.-W. (312) 241)

Flavonoid

Apigenin; Monoamine oxidase; Noradrenaline uptake (Lorenzo, P.S. (312) 203)

Flow

Mesenteric vascular bed; Nitric oxide (NO); Spontaneously hypertensive rat (SHR) (Kusayama, T. (312) 301)

Flunarizine

NMDA receptor antagonist; CGP 40116; CGP 43487; Ca^{2+} channel inhibitor; Nicardipine; Nifedipine; Seizure (Gasior, M. (312) 27)

Fluoxetine

Neuroendocrine challenge; 5-HT (5-hydroxytryptamine, serotonin) (McCann, U.D. (312) R1)

Flurothyl

Toluene; 1,1,1-Trichloroethane; Methoxyflurane; Anxiolytic; Plus-maze; Inhalant abuse; (Mouse) (Bowen, S.E. (312) 131)

Forced swimming test

σ_1 Receptor agonist; Antidepressive effect; SA4503; (Mouse) (Matsuno, K. (312) 267)

Free radical

Cartilage; Chondrocyte; Nitric oxide (NO) synthase, inducible; Arthritis (Jang, D. (312) 341)

Gallbladder contraction

CCK_A receptor; Pancreatic secretion; Gastric emptying; T-0632 (Taniguchi, H. (312) 227)

Gastric emptying

CCK_A receptor; Pancreatic secretion; Gallbladder contraction; T-0632 (Taniguchi, H. (312) 227)

Gastric mucosa

P_{2Y} purinoceptor; ATP; Plasma membrane (Vallejo, A.I. (312) 209)

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Hyperosmolarity; Protein kinase C; Staurosporine; Uterus, rat (Ausina, P. (312) 309)

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Δ^9 -Tetrahydrocannabinol; Nucleus tractus solitarius; Nausea; Catecholaminergic neuron; 5-HT₃ receptor (Himmi, T. (312) 273)

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Glutamic acid decarboxylase

Male pheromone; Olfactory bulb; Ovariectomy; Estrogen; Progesterone; (Rat) (Navarro Becerra, N. (312) 83)

Glutamic acid decarboxylase mRNA

Sertraline; Hybridization, in situ; Brain (Giardino, L. (312) 183)

Glycine

NMDA receptor; [³H]MDL 105,519; (Binding) (Siegel, B.W. (312) 357)

Glycoprotein IIb/IIIa

Aurintricarboxylic acid; Triflavin; Von Willebrand factor; Photochemically induced thrombosis (Hisamichi, N. (312) 69)

GMC2021

Antimigraine drug; Arteriovenous anastomosis; Carotid artery; Coronary artery, human; Migraine; Sumatriptan; (Human); (Pig) (Saxena, P.R. (312) 53)

Heart

Ischemia; Reperfusion; Angiotensin-converting enzyme; Idapril; Captopril; (Rat) (Riva, E. (312) 293)

[³H]MDL 105,519

NMDA receptor; Glycine; (Binding) (Siegel, B.W. (312) 357)

[³H]Prazosin

Spinal cord; α_1 -Adrenoceptor subtype; BMY 7378; 5-Methyl-urapidil; (Rat) (Wada, T. (312) 263)

5-HT_{1A} receptor

Binding thermodynamics; Drug-receptor interaction (Dalpiaz, A. (312) 107)

5-HT syndrome; Hyperphagia; Hypothermia; Tail-flick; 5-HT (5-hydroxytryptamine, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin) (O'Connell, M.T. (312) 137)

BRL 44408; ARC 239; α_2 -Adrenoceptor subtype; Brain, rat (Meana, J.J. (312) 385)

5-HT₃ receptor

Jejunum, rat; Smooth muscle contraction; 5-HT₇ receptor; Neurokinin, tachykinin NK₂ receptor; 5-HT (5-hydroxytryptamine, serotonin) (McLean, P.G. (312) 215)

Δ^9 -Tetrahydrocannabinol; Nucleus tractus solitarius; Nausea; Glucose; Catecholaminergic neuron (Himmi, T. (312) 273)

5-HT₇ receptor

Jejunum, rat; Smooth muscle contraction; 5-HT₃ receptor; Neurokinin, tachykinin NK₂ receptor; 5-HT (5-hydroxytryptamine, serotonin) (McLean, P.G. (312) 215)

5-HT syndrome

5-HT_{1A} receptor; Hyperphagia; Hypothermia; Tail-flick; 5-HT (5-hydroxytryptamine, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin) (O'Connell, M.T. (312) 137)

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Protein kinase C; Genistein; Staurosporine; Uterus, rat (Ausina, P. (312) 309)

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Hypothermia

5-HT_{1A} receptor; 5-HT syndrome; Hyperphagia; Tail-flick; 5-HT (5-hydroxytryptamine, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin) (O'Connell, M.T. (312) 137)

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Ischemia; Reperfusion; Angiotensin-converting enzyme; Captopril; Heart; (Rat) (Riva, E. (312) 293)

Immediate early gene

Anxiety; Elevated X-maze; CI-988; Benzodiazepine; CCK (cholecystokinin) (Hinks, G.L. (312) 153)

IMR-32 human neuroblastoma cell line

CRF receptor; Differentiation; Radioligand binding; Adenylate cyclase (Hogg, J.E. (312) 257)

Inhalant abuse

Toluene; 1,1,1-Trichloroethane; Methoxyflurane; Flurothyl; Anxiolytic; Plus-maze; (Mouse) (Bowen, S.E. (312) 131)

Inhibitory avoidance task

Glutamate; Acetylcholine; NMDA receptor; Learning; Memory (Ohno, M. (312) 145)

Insulin release

Capsaicin; Pancreatic islet; Blood flow; Pancreas; Peptidergic neuron (Carlsson, P.-O. (312) 75)

Interleukin-2

Jatrophone; Natural killer activity; Lymphocyte proliferation; Protein kinase C; 12-*O*-Tetradecanoylphorbol 13-acetate; CD69 (Gonçalves de Moraes, V.L. (312) 333)

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Reperfusion; Angiotensin-converting enzyme; Idrapril; Captopril; Heart; (Rat) (Riva, E. (312) 293)

Jatrophone

Natural killer activity; Lymphocyte proliferation; Protein kinase C; 12-*O*-Tetradecanoylphorbol 13-acetate; CD69; Interleukin-2 (Gonçalves de Moraes, V.L. (312) 333)

Jejunum, rat

Smooth muscle contraction; 5-HT₇ receptor; 5-HT₃ receptor; Neurokinin, tachykinin NK₂ receptor; 5-HT (5-hydroxytryptamine, serotonin) (McLean, P.G. (312) 215)

K⁺ channel

Thyroid gland (Yoshida, A. (312) 115)

Learning

Glutamate; Acetylcholine; NMDA receptor; Memory; Inhibitory avoidance task (Ohno, M. (312) 145)

Leukotriene

Dolabran; Anti-inflammatory; Neutrophil, human; Myeloperoxidase; Elastase; Prostaglandin (Payá, M. (312) 97)

Levorphanol

Antinociception; Respiratory depression; Opioid receptor; Naloxonazine; Quadazocine; (*Macaca mulatta*) (Gatch, M.B. (312) 389)

Locus ceruleus

Desipramine; Maprotiline; Prefrontal cortex; Extracellular recording; (Anesthetized rat) (Ceci, A. (312) 189)

Lordosis

Delequamine; RS15385; α_2 -Adrenoceptor; Sexual behavior, female; (Rat) (Gonzalez, M.I. (312) 1)

Lymphocyte proliferation

Jatrophone; Natural killer activity; Protein kinase C; 12-*O*-Tetradecanoylphorbol 13-acetate; CD69; Interleukin-2 (Gonçalves de Moraes, V.L. (312) 333)

Male pheromone

Glutamic acid decarboxylase; Olfactory bulb; Ovariectomy; Estrogen; Progesterone; (Rat) (Navarro Becerra, N. (312) 83)

Maprotiline

Desipramine; Prefrontal cortex; Locus ceruleus; Extracellular recording; (Anesthetized rat) (Ceci, A. (312) 189)

Maze

Ginsenoside; Scopolamine; (Rat) (Yamaguchi, Y. (312) 149)

Melatonin

Pharmacokinetics; Continuous light; Circadian rhythm; 6-Sulfatoxymelatonin; (Intravenous) (Deprés-Brummer, P. (312) 171)

Nicotinic channel; Cholinergic transmission; Synaptic modulation; Submucosal neuron; Enteric neuron; Nerve terminal (Barajas-López, C. (312) 319)

Memory

Glutamate; Acetylcholine; NMDA receptor; Learning; Inhibitory avoidance task (Ohno, M. (312) 145)

Mesenteric vascular bed

Flow; Nitric oxide (NO); Spontaneously hypertensive rat (SHR) (Kusayama, T. (312) 301)

Methamphetamine

cAMP; Behavioral sensitization; Rolipram; Microdialysis, in vivo (Iyo, M. (312) 163)

Methoxyflurane

Toluene; 1,1,1-Trichloroethane; Flurothyl; Anxiolytic; Plus-maze; Inhalant abuse; (Mouse) (Bowen, S.E. (312) 131)

Methylnaloxonium

Enkephalin; RB 101; Antinociception; Amygdala; Thalamus, ventro-basal; Central gray matter; Raphe magnum nucleus (Valverde, O. (312) 15)

5-Methyl-urapidil

Spinal cord; α_1 -Adrenoceptor subtype; BMJ 7378; [³H]Prazosin; (Rat) (Wada, T. (312) 263)

Microdialysis, in vivo

cAMP; Behavioral sensitization; Rolipram; Methamphetamine (Iyo, M. (312) 163)

Migraine

Antimigraine drug; Arteriovenous anastomosis; Carotid artery; GMC2021; Coronary artery, human; Sumatriptan; (Human); (Pig) (Saxena, P.R. (312) 53)

Migration, in vitro

Peritoneal eosinophil; Phosphodiesterase inhibition; β_2 -Adrenoceptor agonist (Alves, A.C. (312) 89)

Moguisteine

Cough reflex; Angiotensin-converting enzyme inhibitor; Enalapril; Non-narcotic antitussive drug (Kamei, J. (312) 235)

Monoamine oxidase

Apigenin; Flavonoid; Noradrenaline uptake (Lorenzo, P.S. (312) 203)

Morphine

μ_1 -Opioid receptor; Respiratory depression; Fentanyl; Muscle rigidity (Chen, S.-W. (312) 241)

Muscle rigidity

μ_1 -Opioid receptor; Respiratory depression; Fentanyl; Morphine (Chen, S.-W. (312) 241)

Myeloperoxidase

Dolabrane; Anti-inflammatory; Neutrophil, human; Elastase; Prostaglandin; Leukotriene (Payá, M. (312) 97)

Na⁺ channel block

Cardiac Na⁺ channel; Antiarrhythmic agent, class I; Bisamil (Sunami, A. (312) 245)

Naloxonazine

Antinociception; Respiratory depression; Opioid receptor; Levorphanol; Quadazocine; (*Macaca mulatta*) (Gatch, M.B. (312) 389)

Natural killer activity

Jatrophone; Lymphocyte proliferation; Protein kinase C; 12-*O*-Tetradecanoylphorbol 13-acetate; CD69; Interleukin-2 (Gonçalves de Moraes, V.L. (312) 333)

Nausea

Δ^9 -Tetrahydrocannabinol; Nucleus tractus solitarius; Glucose; Catecholaminergic neuron; 5-HT₃ receptor (Himmi, T. (312) 273)

Nerve terminal

Melatonin; Nicotinic channel; Cholinergic transmission; Synaptic modulation; Submucosal neuron; Enteric neuron (Barajas-López, C. (312) 319)

Neuroendocrine challenge

Fluoxetine; 5-HT (5-hydroxytryptamine, serotonin) (McCann, U.D. (312) R1)

Neurokinin, tachykinin NK₂ receptor

Jejunum, rat; Smooth muscle contraction; 5-HT₇ receptor; 5-HT₃ receptor; 5-HT (5-hydroxytryptamine, serotonin) (McLean, P.G. (312) 215)

Neutrophil, human

Dolabrane; Anti-inflammatory; Myeloperoxidase; Elastase; Prostaglandin; Leukotriene (Payá, M. (312) 97)

***n*-3 fatty acid**

cAMP; Adrenoceptor; Norepinephrine; Pinealocyte; (Rat) (Delton-Vandenbroucke, I. (312) 379)

Nicardipine

NMDA receptor antagonist; CGP 40116; CGP 43487; Ca²⁺ channel inhibitor; Flunarizine; Nifedipine; Seizure (Gasior, M. (312) 27)

Nicotinic channel

Melatonin; Cholinergic transmission; Synaptic modulation; Submucosal neuron; Enteric neuron; Nerve terminal (Barajas-López, C. (312) 319)

Nifedipine

NMDA receptor antagonist; CGP 40116; CGP 43487; Ca²⁺ channel inhibitor; Flunarizine; Nicardipine; Seizure (Gasior, M. (312) 27)

Nitric oxide (NO) synthase, inducible

Cartilage; Chondrocyte; Free radical; Arthritis (Jang, D. (312) 341)

S-Nitrosocysteine

Stereoisomer; Nitric oxide (NO) (Lewis, S.J. (312) R3)

NMDA receptor

Glutamate; Acetylcholine; Learning; Memory; Inhibitory avoidance task (Ohno, M. (312) 145)

[³H]MDL 105,519; Glycine; (Binding) (Siegel, B.W. (312) 357)

NMDA receptor antagonist

CGP 40116; CGP 43487; Ca²⁺ channel inhibitor; Flunarizine; Nicardipine; Nifedipine; Seizure (Gasior, M. (312) 27)

Non-narcotic antitussive drug

Cough reflex; Angiotensin-converting enzyme inhibitor; Enalapril; Moguisteine (Kamei, J. (312) 235)

Noradrenaline uptake

Apigenin; Flavonoid; Monoamine oxidase (Lorenzo, P.S. (312) 203)

Nor-binaltorphimine

Analgesia; Dynorphin; Opioid; Δ^9 -Tetrahydrocannabinol; SR-141,716 A (Reche, I. (312) 391)

Norepinephrine

n-3 fatty acid; cAMP; Adrenoceptor; Pinealocyte; (Rat) (Delton-Vandenbroucke, I. (312) 379)

Nucleus tractus solitarius

Δ^9 -Tetrahydrocannabinol; Nausea; Glucose; Catecholaminergic neuron; 5-HT₃ receptor (Himmi, T. (312) 273)

Olfactory bulb

Male pheromone; Glutamic acid decarboxylase; Ovariectomy; Estrogen; Progesterone; (Rat) (Navarro Becerra, N. (312) 83)

Opioid

Analgesia; Dynorphin; Δ^9 -Tetrahydrocannabinol; SR-141,716 A; Nor-binaltorphimine (Reche, I. (312) 391)

Opioid receptor

Binding characteristics; Partial agonist; cAMP; KT-90 ((-)-3-acetyl-6 β -acetylthio-*N*-cyclopropylmethyl-normorphine) (Katsumata, S. (312) 349)

Antinociception; Respiratory depression; Naloxonazine; Levorphanol; Quadazocine; (*Macaca mulatta*) (Gatch, M.B. (312) 389)

 μ_1 -Opioid receptor

Respiratory depression; Fentanyl; Morphine; Muscle rigidity (Chen, S.-W. (312) 241)

Ovariectomy

Male pheromone; Glutamic acid decarboxylase; Olfactory bulb; Estrogen; Progesterone; (Rat) (Navarro Becerra, N. (312) 83)

Oxatomide

RBL-2H3 cell; Signal transduction; Exocytosis; Protein tyrosine phosphorylation; Ca²⁺ flux; Ca²⁺ channel (Paulussen, J.J.C. (312) 121)

Oxymetazoline

α_1 -Adrenoceptor; Positive inotropic effect; Phosphoinositide hydrolysis; Ventricular myocardium, rabbit; ($\pm$)-Tamsulosin [($\pm$)-5-[2-[(2-ethoxyphenoxy)ethyl]-amino]propyl]-2-methoxybenzenesulfonamide-HCl] (Yang, H.-T. (312) 281)

Pancreas

Capsaicin; Pancreatic islet; Insulin release; Blood flow; Peptidergic neuron (Carlsson, P.-O. (312) 75)

Pancreatic islet

Capsaicin; Insulin release; Blood flow; Pancreas; Peptidergic neuron (Carlsson, P.-O. (312) 75)

Pancreatic secretion

CCK_A receptor; Gallbladder contraction; Gastric emptying; T-0632 (Taniguchi, H. (312) 227)

Partial agonist

Opioid receptor; Binding characteristics; cAMP; KT-90 ((-)-3-acetyl-6 β -acetylthio-*N*-cyclopropylmethyl-normorphine) (Katsumata, S. (312) 349)

Peptidergic neuron

Capsaicin; Pancreatic islet; Insulin release; Blood flow; Pancreas (Carlsson, P.-O. (312) 75)

Peritoneal eosinophil

Migration, in vitro; Phosphodiesterase inhibition; β_2 -Adrenoceptor agonist (Alves, A.C. (312) 89)

Pharmacokinetics

Melatonin; Continuous light; Circadian rhythm; 6-Sulfatoxymelatonin; (Intravenous) (Deprés-Brummer, P. (312) 171)

Phosphodiesterase inhibition

Peritoneal eosinophil; Migration, in vitro; β_2 -Adrenoceptor agonist (Alves, A.C. (312) 89)

Phosphoinositide hydrolysis

α_1 -Adrenoceptor; Positive inotropic effect; Oxymetazoline; Ventricular myocardium, rabbit; ($\pm$)-Tamsulosin [($\pm$)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]-amino]propyl]-2-methoxybenzenesulfonamide-HCl] (Yang, H.-T. (312) 281)

Photochemically induced thrombosis

Aurintricarboxylic acid; Triflavin; Von Willebrand factor; Glycoprotein IIb/IIIa (Hisamichi, N. (312) 69)

Pinealocyte

n-3 fatty acid; cAMP; Adrenoceptor; Norepinephrine; (Rat) (Delton-Vandenbroucke, I. (312) 379)

Plasma membrane

P_{2Y} purinoceptor; ATP; Gastric mucosa (Vallejo, A.I. (312) 209)

Plus-maze

Toluene; 1,1,1-Trichloroethane; Methoxyflurane; Flurothyl; Anxiolytic; Inhalant abuse; (Mouse) (Bowen, S.E. (312) 131)

Polymorphonuclear leukocyte migration

Seminal vesicle protein; Transglutaminase; Air-pouch inflammation (Mancuso, F. (312) 327)

Portal hypertension

Baseline vascular tone; EDRF (endothelium-derived relaxing factor) (Pilette, C. (312) 63)

Positive inotropic effect

α_1 -Adrenoceptor; Phosphoinositide hydrolysis; Oxymetazoline; Ventricular myocardium, rabbit; ($\pm$)-Tamsulosin [($\pm$)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]-amino]propyl]-2-methoxybenzenesulfonamide-HCl] (Yang, H.-T. (312) 281)

P_{2Y} purinoceptor

ATP; Gastric mucosa; Plasma membrane (Vallejo, A.I. (312) 209)

Pramipexole

D₃ receptor; Dopamine receptor agonist; Dopamine neuronal firing (Piercey, M.F. (312) 35)

Prefrontal cortex

Desipramine; Maprotiline; Locus ceruleus; Extracellular recording; (Anesthetized rat) (Ceci, A. (312) 189)

Pregnancy

α_1 -Adrenoceptor; Uterine artery; Estrous cycle (Nair, R. (312) 45)

Progesterone

Male pheromone; Glutamic acid decarboxylase; Olfactory bulb; Ovariectomy; Estrogen; (Rat) (Navarro Becerra, N. (312) 83)

Prostaglandin

Dolabran; Anti-inflammatory; Neutrophil, human; Myeloperoxidase; Elastase; Leukotriene (Payá, M. (312) 97)

Protein kinase C

Hyperosmolarity; Genistein; Staurosporine; Uterus, rat (Ausina, P. (312) 309)

Jatrophone; Natural killer activity; Lymphocyte proliferation; 12-*O*-Tetradecanoylphorbol 13-acetate; CD69; Interleukin-2 (Gonçalves de Moraes, V.L. (312) 333)

Vascular endothelial cell, human; Thromboxane A₂ receptor; ICAM-1 (intercellular adhesion molecule-1) (Ishizuka, T. (312) 367)

Protein tyrosine phosphorylation

Oxatamide; RBL-2H3 cell; Signal transduction; Exocytosis; Ca²⁺ flux; Ca²⁺ channel (Paulussen, J.J.C. (312) 121)

Quadazocine

Antinociception; Respiratory depression; Opioid receptor; Naloxonazine; Levorphanol; (*Macaca mulatta*) (Gatch, M.B. (312) 389)

Radioligand binding

CRF receptor; IMR-32 human neuroblastoma cell line; Differentiation; Adenylate cyclase (Hogg, J.E. (312) 257)

Raphe magnum nucleus

Enkephalin; Methylnaloxonium; RB 101; Antinociception; Amygdala; Thalamus, ventro-basal; Central gray matter (Valverde, O. (312) 15)

RB 101

Enkephalin; Methylnaloxonium; Antinociception; Amygdala; Thalamus, ventro-basal; Central gray matter; Raphe magnum nucleus (Valverde, O. (312) 15)

RBL-2H3 cell

Oxatamide; Signal transduction; Exocytosis; Protein tyrosine phosphorylation; Ca²⁺ flux; Ca²⁺ channel (Paulussen, J.J.C. (312) 121)

 σ_1 Receptor agonist

Antidepressive effect; Forced swimming test; SA4503; (Mouse) (Matsuno, K. (312) 267)

Reperfusion

Ischemia; Angiotensin-converting enzyme; Idapril; Captopril; Heart; (Rat) (Riva, E. (312) 293)

Respiratory depression

μ_1 -Opioid receptor; Fentanyl; Morphine; Muscle rigidity (Chen, S.-W. (312) 241)

Antinociception; Opioid receptor; Naloxonazine; Levorphanol; Quada-zocine; (*Macaca mulatta*) (Gatch, M.B. (312) 389)

Rolipram

cAMP; Behavioral sensitization; Methamphetamine; Microdialysis, in vivo (Iyo, M. (312) 163)

RS15385

Delequamine; α_2 -Adrenoceptor; Lordosis; Sexual behavior, female; (Rat) (Gonzalez, M.I. (312) 1)

SA4503

σ_1 Receptor agonist; Antidepressive effect; Forced swimming test; (Mouse) (Matsuno, K. (312) 267)

Scopolamine

Ginsenoside; Maze; (Rat) (Yamaguchi, Y. (312) 149)

Seizure

NMDA receptor antagonist; CGP 40116; CGP 43487; Ca^{2+} channel inhibitor; Flunarizine; Nicardipine; Nifedipine (Gasior, M. (312) 27)

Seminal vesicle protein

Transglutaminase; Polymorphonuclear leukocyte migration; Air-pouch inflammation (Mancuso, F. (312) 327)

Sertraline

Glutamic acid decarboxylase mRNA; Hybridization, in situ; Brain (Giardino, L. (312) 183)

Sexual behavior, female

Delequamine; RS15385; α_2 -Adrenoceptor; Lordosis; (Rat) (Gonzalez, M.I. (312) 1)

Signal transduction

Oxatamide; RBL-2H3 cell; Exocytosis; Protein tyrosine phosphorylation; Ca^{2+} flux; Ca^{2+} channel (Paulussen, J.J.C. (312) 121)

Smooth muscle contraction

Jejunum, rat; 5-HT₇ receptor; 5-HT₃ receptor; Neurokinin, tachykinin NK₂ receptor; 5-HT (5-hydroxytryptamine, serotonin) (McLean, P.G. (312) 215)

Smooth muscle, vascular

CP-0605; Ca^{2+} overload; Veratridine; Cardiomyocyte; Ca^{2+} channel (Tamura, K. (312) 195)

Spinal cord

Adenosine, pharmacology; Antinociception; Allodynia; (Mouse) (Keil II, G.J. (312) 7)

α_1 -Adrenoceptor subtype; BMY 7378; 5-Methyl-urapidil; [³H]Prazosin; (Rat) (Wada, T. (312) 263)

SR-141,716 A

Analgesia; Dynorphin; Opioid; Δ^9 -Tetrahydrocannabinol; Nor-binaltorphimine (Reche, I. (312) 391)

Staurosporine

Hyperosmolarity; Protein kinase C; Genistein; Uterus, rat (Ausina, P. (312) 309)

Stereoisomer

S-Nitrosocysteine; Nitric oxide (NO) (Lewis, S.J. (312) R3)

Submucosal neuron

Melatonin; Nicotinic channel; Cholinergic transmission; Synaptic modulation; Enteric neuron; Nerve terminal (Barajas-López, C. (312) 319)

6-Sulfatoxymelatonin

Pharmacokinetics; Melatonin; Continuous light; Circadian rhythm; (Intravenous) (Deprés-Brummer, P. (312) 171)

l-Sulpiride

Dopamine neuron; Desipramine; Autoreceptor; Depression (Diana, M. (312) 179)

Sumatriptan

Antimigraine drug; Arteriovenous anastomosis; Carotid artery; GMC2021; Coronary artery, human; Migraine; (Human); (Pig) (Saxena, P.R. (312) 53)

Synaptic modulation

Melatonin; Nicotinic channel; Cholinergic transmission; Submucosal neuron; Enteric neuron; Nerve terminal (Barajas-López, C. (312) 319)

T-0632

CCK_A receptor; Pancreatic secretion; Gallbladder contraction; Gastric emptying (Taniguchi, H. (312) 227)

Tail-flick

5-HT_{1A} receptor; 5-HT syndrome; Hyperphagia; Hypothermia; 5-HT (5-hydroxytryptamine, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin) (O'Connell, M.T. (312) 137)

12-O-Tetradecanoylphorbol 13-acetate

Jatrophone; Natural killer activity; Lymphocyte proliferation; Protein kinase C; CD69; Interleukin-2 (Gonçalves de Moraes, V.L. (312) 333)

 Δ^9 -Tetrahydrocannabinol

Nucleus tractus solitarius; Nausea; Glucose; Catecholaminergic neuron; 5-HT₃ receptor (Himmi, T. (312) 273)

 Δ^9 -Tetrahydrocannabinol

Analgesia; Dynorphin; Opioid; SR-141,716 A; Nor-binaltorphimine (Reche, I. (312) 391)

Thalamus, ventro-basal

Enkephalin; Methylnaloxonium; RB 101; Antinociception; Amygdala; Central gray matter; Raphe magnum nucleus (Valverde, O. (312) 15)

Thromboxane A₂ receptor

Vascular endothelial cell, human; Protein kinase C; ICAM-1 (intercellular adhesion molecule-1) (Ishizuka, T. (312) 367)

Thyroid gland

K⁺ channel (Yoshida, A. (312) 115)

Thyroid-stimulating antibody

Amitriptyline; Antidepressant; TSH (thyroid-stimulating hormone) (Yoshida, A. (312) 115)

Toluene

1,1,1-Trichloroethane; Methoxyflurane; Flurothyl; Anxiolytic; Plus-maze; Inhalant abuse; (Mouse) (Bowen, S.E. (312) 131)

Transglutaminase

Seminal vesicle protein; Polymorphonuclear leukocyte migration; Air-pouch inflammation (Mancuso, F. (312) 327)

1,1,1-Trichloroethane

Toluene; Methoxyflurane; Flurothyl; Anxiolytic; Plus-maze; Inhalant abuse; (Mouse) (Bowen, S.E. (312) 131)

Triflavin

Aurintricarboxylic acid; Von Willebrand factor; Glycoprotein IIb/IIIa; Photochemically induced thrombosis (Hisamichi, N. (312) 69)

Uterine artery

α_1 -Adrenoceptor; Estrous cycle; Pregnancy (Nair, R. (312) 45)

Uterus, rat

Hyperosmolarity; Protein kinase C; Genistein; Staurosporine (Ausina, P. (312) 309)

Vascular endothelial cell, human

Thromboxane A₂ receptor; Protein kinase C; ICAM-1 (intercellular adhesion molecule-1) (Ishizuka, T. (312) 367)

Ventricular myocardium, rabbit

α_1 -Adrenoceptor; Positive inotropic effect; Phosphoinositide hydrolysis; Oxymetazoline; ($\pm$)-Tamsulosin [($\pm$)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]-amino]propyl]-2-methoxybenzenesulfonamide-HCl] (Yang, H.-T. (312) 281)

Veratridine

CP-060S; Ca²⁺ overload; Cardiomyocyte; Ca²⁺ channel; Smooth muscle, vascular (Tamura, K. (312) 195)

Von Willebrand factor

Aurintricarboxylic acid; Triflavin; Glycoprotein IIb/IIIa; Photochemically induced thrombosis (Hisamichi, N. (312) 69)