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Absence epilepsy

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ω -Agatoxin TK

ω -Conotoxin GVIA; Synaptic transmission; Neostriatum; Ca²⁺ channel (Barral, J. (430) 167)

Airway

Smooth muscle; Trachea, guinea pig; ANP (atrial natriuretic peptide); ANP receptor; Guanylyl cyclase, particulate; Adenylyl cyclase; K⁺ channel; Phosphodiesterase inhibitor (Devillier, P. (430) 325)

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Cyclosporin A; Ovariectomy; Convulsion; Menopause; Climacterium (Tominaga, K. (430) 243)

Amitriptyline

Caffeine; Adenosine; Neuropathic pain; Chronic administration (Esser, M.J. (430) 211)

Amnesia

Adenosine; Pentylentetrazole; Passive avoidance; (Mouse) (Homayoun, H. (430) 289)

AMPA/kainate receptor

CGP 36742; LY 300164; GABA_B receptor; Absence epilepsy; WAG/Rij, rat; Isobologram (Kamiński, R.M. (430) 251)

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Histamine; Mast cell-deficient (Ws/Ws), rat (Guo, Y. (430) 305)

Angeli's salt

Cat; Circulation; Diazeniumdiolate; Diethylamine/NO; Diethylenetriamine/NO; Spermine/NO; Sulfite/NO (De Witt, B.J. (430) 311)

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Insulin resistance; MAP (mitogen-activated protein) kinase; OLETF (Otsuka Long–Evans Tokushima Fatty), rat (Ishizawa, K. (430) 359)

ANP (atrial natriuretic peptide)

Airway; Smooth muscle; Trachea, guinea pig; ANP receptor; Guanylyl cyclase, particulate; Adenylyl cyclase; K⁺ channel; Phosphodiesterase inhibitor (Devillier, P. (430) 325)

ANP receptor

Airway; Smooth muscle; Trachea, guinea pig; ANP (atrial natriuretic peptide); Guanylyl cyclase, particulate; Adenylyl cyclase; K⁺ channel; Phosphodiesterase inhibitor (Devillier, P. (430) 325)

Antiarrhythmic agent

Ion channel; Membrane current; Repolarization (Kobayashi, S. (430) 149)

Anti-asthmatic agent

F-1322; Asthma; Asthmatic response, Late; Eosinophil migration; (Guinea-pig) (Mochizuki, A. (430) 123)

Antitussive

Cough; Nociceptin; ORL1 receptor; (Cat) (Bolser, D.C. (430) 107)

Apoptosis

(–)-D-Deprenyl; Middle cerebral artery occlusion; TUNEL (Simon, L. (430) 235)

Asthma

F-1322; Anti-asthmatic agent; Asthmatic response, Late; Eosinophil migration; (Guinea-pig) (Mochizuki, A. (430) 123)

Asthmatic response, Late

F-1322; Asthma; Anti-asthmatic agent; Eosinophil migration; (Guinea-pig) (Mochizuki, A. (430) 123)

ATP-dependent potassium channel

Ethanol; Dimethylsulfoxide; Cerebral circulation; Pial arteriole; Vasodilatation; K_{ATP} ion channel; Pinacidil; Cromakalim; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

Baclofen

Microdialysis; GHB (γ -hydroxybutyric acid); SCH 50911; Acetylcholine; Hippocampus; $GABA_B$ receptor (Nava, F. (430) 261)

Basophil

Mast cell; Protein phosphatase; Okadaic acid; Tautomycin; Fostriecin (Bastan, R. (430) 135)

Behavior

CRF (Corticotropin-releasing factor); GLP-1 (Glucagon-like peptide-1); Food intake; (Chick) (Zhang, R. (430) 73)

Blood pressure

Glucocorticoid; Opioid; Hypotension (Sorrentino, R. (430) 79)

Glucocorticoid receptor; Mineralocorticoid receptor; Restraint stress; Brain (Van Acker, S.A.B.E. (430) 87)

Brain

Glucocorticoid receptor; Mineralocorticoid receptor; Restraint stress; Blood pressure (Van Acker, S.A.B.E. (430) 87)

Dehydroepiandrosterone sulfate; NMDA receptor (Wen, S. (430) 373)

Bronchodilator

Ro 25-1553; Formoterol; Salmeterol; Trachea; In vitro; (Guinea-pig) (Källström, B.-L. (430) 335)

 Ca^{2+} channel

Morphine withdrawal; *c-fos*; Paraventricular nucleus; Supraoptic nucleus; Protein kinase A; Protein kinase C (Martínez, P.J. (430) 59)

ω -Agatoxin TK; ω -Conotoxin GVIA; Synaptic transmission; Neostriatum (Barral, J. (430) 167)

Caffeine

Amitriptyline; Adenosine; Neuropathic pain; Chronic administration (Esser, M.J. (430) 211)

Cannabinoid

Gender; Pain; Locomotor activity, Spontaneous; Catalepsy; (Rat) (Tseng, A.H. (430) 41)

Cannabinoid CB_1 receptor antagonist

Vomiting; Locomotor activity; Rearing; Reversal; WIN 55, 212-2; SR 141716A; SR 144528 (Darmani, N.A. (430) 49)

Alcohol intake; Sardinian alcohol-preferring (sP) rat (Serra, S. (430) 369)

Capsaicin

Nitroglycerin; Preconditioning; CGRP (calcitonin gene-related peptide); CGRP-(8-37); Small intestine (Dun, Y. (430) 317)

CART (cocaine- and amphetamine-regulated transcript)

Leptin; Orexin; Fenfluramine; Hypothalamus; 5-HT (5-hydroxytryptamine, serotonin) (Orlando, G. (430) 269)

Caspase-3

Ginkgo biloba extract; EGb 761; 6-Alkyl salicylic acid; Fatty acid; TUNEL (Ahlemeyer, B. (430) 1)

Cat

Circulation; Diazeniumdiolate; Diethylamine/NO; Diethylenetriamine/NO; Spermine/NO; Sulfite/NO; Angeli's salt (De Witt, B.J. (430) 311)

Catalepsy

Cannabinoid; Gender; Pain; Locomotor activity, Spontaneous; (Rat) (Tseng, A.H. (430) 41)

Catecholamine

Dopamine; α -Adrenoceptor; Pineal cell (Rey, E. (430) 9)

Cerebral circulation

Ethanol; Dimethylsulfoxide; Pial arteriole; Vasodilatation; ATP-dependent potassium channel; K_{ATP} ion channel; Pinacidil; Cromakalim; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

c-fos

Morphine withdrawal; Paraventricular nucleus; Supraoptic nucleus; Protein kinase A; Protein kinase C; Ca^{2+} channel (Martínez, P.J. (430) 59)

CGP 36742

LY 300164; AMPA/kainate receptor; $GABA_B$ receptor; Absence epilepsy; WAG/Rij, rat; Isobologram (Kamiński, R.M. (430) 251)

CGRP-(8-37)

Nitroglycerin; Preconditioning; CGRP (calcitonin gene-related peptide); Capsaicin; Small intestine (Dun, Y. (430) 317)

CGRP (calcitonin gene-related peptide)

Nitroglycerin; Preconditioning; CGRP-(8-37); Capsaicin; Small intestine (Dun, Y. (430) 317)

Chronic administration

Amitriptyline; Caffeine; Adenosine; Neuropathic pain (Esser, M.J. (430) 211)

Chronic constrictive injury

NMDA receptor/glycine site antagonist; Mechanical allodynia; Opioid; Tolerance; GV196771A (Quartaroli, M. (430) 219)

Circulation

Cat; Diazeniumdiolate; Diethylamine/NO; Diethylenetriamine/NO; Spermine/NO; Sulfite/NO; Angeli's salt (De Witt, B.J. (430) 311)

Climacterium

Cyclosporin A; Ovariectomy; Convulsion; γ -Aminobutyric acid (GABA); Menopause (Tominaga, K. (430) 243)

Cocaine

Planaria; UV light (Raffa, R.B. (430) 143)

Collagen

Doxycycline; Prolidase; Fibroblast (Karna, E. (430) 25)

 ω -Conotoxin GVIA

ω -Agatoxin TK; Synaptic transmission; Neostriatum; Ca^{2+} channel (Barral, J. (430) 167)

Convulsion

Cyclosporin A; Ovariectomy; γ -Aminobutyric acid (GABA); Menopause; Climacterium (Tominaga, K. (430) 243)

Corticotropin-releasing factor receptor

Adenylate cyclase; $G_{\alpha 16}$; Urocortin; Urotensin I; *Xenopus* oocyte expression (Pohl, S. (430) 193)

Corticotropin-releasing factor (CRF)

Dependence; Morphine; Noradrenaline (Funada, M. (430) 277)

Cough

Antitussive; Nociceptin; ORL1 receptor; (Cat) (Bolser, D.C. (430) 107)

CRF (Corticotropin-releasing factor)

GLP-1 (Glucagon-like peptide-1); Food intake; Behavior; (Chick) (Zhang, R. (430) 73)

Cromakalim

Ethanol; Dimethylsulfoxide; Cerebral circulation; Pial arteriole; Vasodilatation; ATP-dependent potassium channel; K_{ATP} ion channel; Pinacidil; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

Cyclopentane and cyclopentene analogues of GABA

γ -Aminobutyric acid (GABA); $GABA_C$ receptor; Structure–activity relationship; *Xenopus* oocyte (Chebib, M. (430) 185)

Cyclosporin A

Ovariectomy; Convulsion; γ -Aminobutyric acid (GABA); Menopause; Climacterium (Tominaga, K. (430) 243)

Dehydroepiandrosterone sulfate

NMDA receptor; Brain (Wen, S. (430) 373)

Dependence

Corticotropin-releasing factor (CRF); Morphine; Noradrenaline (Funada, M. (430) 277)

(–)-D-Deprenyl

Middle cerebral artery occlusion; Apoptosis; TUNEL (Simon, L. (430) 235)

Diabetic neuropathy

OT-7100; Pain; Streptozotocin (Miki, S. (430) 229)

Diaminodiphenylphosphate

P2Y receptor; FLIPR; G-protein coupled receptor (Patel, K. (430) 203)

Diazepam

Cat; Circulation; Diethylamine/NO; Diethylenetriamine/NO; Spermine/NO; Sulfite/NO; Angeli's salt (De Witt, B.J. (430) 311)

Diethylamine/NO

Cat; Circulation; Diazepam; Diethylenetriamine/NO; Spermine/NO; Sulfite/NO; Angeli's salt (De Witt, B.J. (430) 311)

Diethylenetriamine/NO

Cat; Circulation; Diazepam; Diethylamine/NO; Spermine/NO; Sulfite/NO; Angeli's salt (De Witt, B.J. (430) 311)

Dimethylsulfoxide

Ethanol; Cerebral circulation; Pial arteriole; Vasodilatation; ATP-dependent potassium channel; K_{ATP} ion channel; Pinacidil; Cromakalim; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

Dopamine

α -Adrenoceptor; Pineal cell; Catecholamine (Rey, E. (430) 9)

p-Chloroamphetamine; Hyperthermia; 5-HT (5-hydroxytryptamine, serotonin); Dopamine D_1 receptor; Dopamine D_2 receptor; (Mouse) (Sugimoto, Y. (430) 265)

Tardive dyskinesia; Indomethacin; Prostaglandin; Vacuous chewing movement (Naidu, P.S. (430) 295)

Dopamine D_1 receptor

p-Chloroamphetamine; Hyperthermia; 5-HT (5-hydroxytryptamine, serotonin); Dopamine; Dopamine D_2 receptor; (Mouse) (Sugimoto, Y. (430) 265)

Dopamine D_2 receptor

p-Chloroamphetamine; Hyperthermia; 5-HT (5-hydroxytryptamine, serotonin); Dopamine; Dopamine D_1 receptor; (Mouse) (Sugimoto, Y. (430) 265)

Doxycycline

Collagen; Prolidase; Fibroblast (Karna, E. (430) 25)

EGb 761

Ginkgo biloba extract; 6-Alkyl salicylic acid; Fatty acid; Caspase-3; TUNEL (Ahlemeyer, B. (430) 1)

Eosinophil migration

F-1322; Asthma; Anti-asthmatic agent; Asthmatic response, Late; (Guinea-pig) (Mochizuki, A. (430) 123)

Estrofen

Nicotinic receptor, (Human); Xenoestrogen; Non-genomic action (Nakazawa, K. (430) 175)

Ethanol

Adenylyl cyclase; HEL cell (Rabbani, M. (430) 19)

Dimethylsulfoxide; Cerebral circulation; Pial arteriole; Vasodilatation; ATP-dependent potassium channel; K_{ATP} ion channel; Pinacidil; Cromakalim; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

Excitation–contraction coupling

FK506; Immunophilin; Ryanodine receptor; FK506 binding protein (FKBP) (Milting, H. (430) 299)

Extracellular matrix

Regeneration; Lysyl oxidase; Sensorimotor function (Gilad, G.M. (430) 69)

F-1322

Asthma; Anti-asthmatic agent; Asthmatic response, Late; Eosinophil migration; (Guinea-pig) (Mochizuki, A. (430) 123)

Fatty acid

Ginkgo biloba extract; EGb 761; 6-Alkyl salicylic acid; Caspase-3; TUNEL (Ahlemeyer, B. (430) 1)

Fenfluramine

CART (cocaine- and amphetamine-regulated transcript); Leptin; Orexin; Hypothalamus; 5-HT (5-hydroxytryptamine, serotonin) (Orlando, G. (430) 269)

Fibroblast

Doxycycline; Collagen; Prolidase (Karna, E. (430) 25)

FK506

Immunophilin; Ryanodine receptor; Excitation–contraction coupling; FK506 binding protein (FKBP) (Milting, H. (430) 299)

FK506 binding protein (FKBP)

FK506; Immunophilin; Ryanodine receptor; Excitation–contraction coupling (Milting, H. (430) 299)

FLIPR

Diaminodiphenylphosphate; P2Y receptor; G-protein coupled receptor (Patel, K. (430) 203)

Food intake

CRF (Corticotropin-releasing factor); GLP-1 (Glucagon-like peptide-1); Behavior; (Chick) (Zhang, R. (430) 73)

Formoterol

Ro 25-1553; Salmeterol; Bronchodilator; Trachea; In vitro; (Guinea-pig) (Källström, B.-L. (430) 335)

Fostriecin

Mast cell; Basophil; Protein phosphatase; Okadaic acid; Tautomycin (Bastan, R. (430) 135)

G_{α16}

Adenylate cyclase; Corticotropin-releasing factor receptor; Urocortin; Urotensin I; *Xenopus* oocyte expression (Pohl, S. (430) 193)

GABA_C receptor

γ-Aminobutyric acid (GABA); Structure–activity relationship; Cyclopentane and cyclopentene analogues of GABA; *Xenopus* oocyte (Chebib, M. (430) 185)

GABA_B receptor

CGP 36742; LY 300164; AMPA/kainate receptor; Absence epilepsy; WAG/Rij, rat; Isobologram (Kamiński, R.M. (430) 251)

Microdialysis; Baclofen; GHB (γ-hydroxybutyric acid); SCH 50911; Acetylcholine; Hippocampus (Nava, F. (430) 261)

GCP II (glutamate carboxypeptidase)

NAALADase (*N*-acetylated alpha-linked acidic dipeptidase); NAAG (*N*-acetyl-aspartyl-glutamate); TGF-β (transforming growth factor-β); Ischemia; Metabotropic glutamate receptor; Glutamate (Thomas, A.G. (430) 33)

Gender

Cannabinoid; Pain; Locomotor activity, Spontaneous; Catalepsy; (Rat) (Tseng, A.H. (430) 41)

GHB (γ-hydroxybutyric acid)

Microdialysis; Baclofen; SCH 50911; Acetylcholine; Hippocampus; GABA_B receptor (Nava, F. (430) 261)

Ginkgo biloba extract

EGb 761; 6-Alkyl salicylic acid; Fatty acid; Caspase-3; TUNEL (Ahlemeyer, B. (430) 1)

GLP-1 (Glucagon-like peptide-1)

CRF (Corticotropin-releasing factor); Food intake; Behavior; (Chick) (Zhang, R. (430) 73)

Glucocorticoid

Blood pressure; Opioid; Hypotension (Sorrentino, R. (430) 79)

Glucocorticoid receptor

Mineralocorticoid receptor; Restraint stress; Brain; Blood pressure (Van Acker, S.A.B.E. (430) 87)

Glutamate

GCP II (glutamate carboxypeptidase); NAALADase (*N*-acetylated alpha-linked acidic dipeptidase); NAAG (*N*-acetyl-aspartyl-glutamate); TGF-β (transforming growth factor-β); Ischemia; Metabotropic glutamate receptor (Thomas, A.G. (430) 33)

G-protein coupled receptor

Diadenosine polyphosphate; P2Y receptor; FLIPR (Patel, K. (430) 203)

Guanylyl cyclase, particulate

Airway; Smooth muscle; Trachea, guinea pig; ANP (atrial natriuretic peptide); ANP receptor; Adenylyl cyclase; K⁺ channel; Phosphodiesterase inhibitor (Devillier, P. (430) 325)

GV196771A

NMDA receptor/glycine site antagonist; Chronic constrictive injury; Mechanical allodynia; Opioid; Tolerance (Quartaroli, M. (430) 219)

[³H]dofetilide

HERG; QT-interval (Finlayson, K. (430) 147)

Heart, cardiomyoblast

Reactive oxygen species; Poly (adenosine 5'-diphosphate ribose) polymerase; Infarct size, (rat) (Wayman, N. (430) 93)

HEL cell

Ethanol; Adenylyl cyclase (Rabbani, M. (430) 19)

HERG

[³H]dofetilide; QT-interval (Finlayson, K. (430) 147)

HGF, hepatocyte growth factor

Pancreatitis; Interleukin-1β; Interleukin-10 (Warzecha, Z. (430) 113)

Hippocampus

Microdialysis; Baclofen; GHB (γ-hydroxybutyric acid); SCH 50911; Acetylcholine; GABA_B receptor (Nava, F. (430) 261)

Interleukin-1β; Working memory; Acetylcholine; *N*-methyl-D-aspartate receptor (Matsumoto, Y. (430) 283)

Histamine

Anaphylaxis; Mast cell-deficient (Ws/Ws), rat (Guo, Y. (430) 305)

5-HT (5-hydroxytryptamine, serotonin)

p-Chloroamphetamine; Hyperthermia; Dopamine; Dopamine D₁ receptor; Dopamine D₂ receptor; (Mouse) (Sugimoto, Y. (430) 265)

CART (cocaine- and amphetamine-regulated transcript); Leptin; Orexin; Fenfluramine; Hypothalamus (Orlando, G. (430) 269)

5-HT₃ receptor

Olanzapine; Risperidone; Quetiapine; Ziprasidone; 5-HT₆ receptor (Bymaster, F.P. (430) 341)

5-HT₆ receptor

Olanzapine; Risperidone; Quetiapine; Ziprasidone; 5-HT₃ receptor (Bymaster, F.P. (430) 341)

Hyperthermia

p-Chloroamphetamine; 5-HT (5-hydroxytryptamine, serotonin); Dopamine; Dopamine D₁ receptor; Dopamine D₂ receptor; (Mouse) (Sugimoto, Y. (430) 265)

Hypotension

Blood pressure; Glucocorticoid; Opioid (Sorrentino, R. (430) 79)

Hypothalamus

CART (cocaine- and amphetamine-regulated transcript); Leptin; Orexin; Fenfluramine; 5-HT (5-hydroxytryptamine, serotonin) (Orlando, G. (430) 269)

Immunophilin

FK506; Ryanodine receptor; Excitation–contraction coupling; FK506 binding protein (FKBP) (Milting, H. (430) 299)

Indomethacin

Tardive dyskinesia; Dopamine; Prostaglandin; Vacuous chewing movement (Naidu, P.S. (430) 295)

Infarct size, (rat)

Heart, cardiomyoblast; Reactive oxygen species; Poly (adenosine 5'-diphosphate ribose) polymerase (Wayman, N. (430) 93)

Inflammation

Microcirculation; Melatonin; Melatonin receptor; *N*-acetylserotonin (Lotufo, C.M.C. (430) 351)

Insulin resistance

Angiotensin; MAP (mitogen-activated protein) kinase; OLETF (Otsuka Long–Evans Tokushima Fatty), rat (Ishizawa, K. (430) 359)

Interleukin-10

Pancreatitis; HGF, hepatocyte growth factor; Interleukin-1 β (Warzecha, Z. (430) 113)

Interleukin-1 β

Pancreatitis; HGF, hepatocyte growth factor; Interleukin-10 (Warzecha, Z. (430) 113)

Working memory; Acetylcholine; *N*-methyl-D-aspartate receptor; Hippocampus (Matsumoto, Y. (430) 283)

In vitro

Ro 25-1553; Formoterol; Salmeterol; Bronchodilator; Trachea; (Guinea-pig) (Källström, B.-L. (430) 335)

In vitro release

[Met⁵] enkephalin; Neuropeptide FF; Spinal cord; Opioid receptor ligand; Peptidase inhibitor (Mauborgne, A. (430) 273)

Ion channel

Antiarrhythmic agent; Membrane current; Repolarization (Kobayashi, S. (430) 149)

Ischemia

GCP II (glutamate carboxypeptidase); NAALADase (*N*-acetylated alpha-linked acidic dipeptidase); NAAG (*N*-acetyl-aspartyl-glutamate); TGF- β (transforming growth factor- β); Metabotropic glutamate receptor; Glutamate (Thomas, A.G. (430) 33)

Isobologram

CGP 36742; LY 300164; AMPA/kainate receptor; GABA_B receptor; Absence epilepsy; WAG/Rij, rat (Kamiński, R.M. (430) 251)

K⁺ channel

Airway; Smooth muscle; Trachea, guinea pig; ANP (atrial natriuretic peptide); ANP receptor; Guanylyl cyclase, particulate; Adenylyl cyclase; Phosphodiesterase inhibitor (Devillier, P. (430) 325)

K_{ATP} ion channel

Ethanol; Dimethylsulfoxide; Cerebral circulation; Pial arteriole; Vasodilatation; ATP-dependent potassium channel; Pinacidil; Cromakalim; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

Leptin

CART (cocaine- and amphetamine-regulated transcript); Orexin; Fenfluramine; Hypothalamus; 5-HT (5-hydroxytryptamine, serotonin) (Orlando, G. (430) 269)

Locomotor activity

Vomiting; Rearing; Reversal; WIN 55, 212-2; SR 141716A; SR 144528; Cannabinoid CB₁ receptor antagonist (Darmani, N.A. (430) 49)

Locomotor activity, Spontaneous

Cannabinoid; Gender; Pain; Catalepsy; (Rat) (Tseng, A.H. (430) 41)

LY 300164

CGP 36742; AMPA/kainate receptor; GABA_B receptor; Absence epilepsy; WAG/Rij, rat; Isobologram (Kamiński, R.M. (430) 251)

Lysyl oxidase

Regeneration; Extracellular matrix; Sensorimotor function (Gilad, G.M. (430) 69)

MAP (mitogen-activated protein) kinase

Insulin resistance; Angiotensin; OLETF (Otsuka Long–Evans Tokushima Fatty), rat (Ishizawa, K. (430) 359)

Mast cell

Basophil; Protein phosphatase; Okadaic acid; Tautomycin; Fostriecin (Bastan, R. (430) 135)

Mast cell-deficient (Ws/Ws), rat

Anaphylaxis; Histamine (Guo, Y. (430) 305)

Mechanical allodynia

NMDA receptor/glycine site antagonist; Chronic constrictive injury; Opioid; Tolerance; GV196771A (Quartaroli, M. (430) 219)

Melatonin

Inflammation; Microcirculation; Melatonin receptor; *N*-acetylserotonin (Lotufo, C.M.C. (430) 351)

Melatonin receptor

Inflammation; Microcirculation; Melatonin; *N*-acetylserotonin (Lotufo, C.M.C. (430) 351)

Membrane current

Antiarrhythmic agent; Ion channel; Repolarization (Kobayashi, S. (430) 149)

Menopause

Cyclosporin A; Ovariectomy; Convulsion; γ -Aminobutyric acid (GABA); Climacterium (Tominaga, K. (430) 243)

Metabotropic glutamate receptor

GCP II (glutamate carboxypeptidase); NAALADase (*N*-acetylated alpha-linked acidic dipeptidase); NAAG (*N*-acetyl-aspartyl-glutamate); TGF- β (transforming growth factor- β); Ischemia; Glutamate (Thomas, A.G. (430) 33)

[Met⁵] enkephalin

In vitro release; Neuropeptide FF; Spinal cord; Opioid receptor ligand; Peptidase inhibitor (Mauborgne, A. (430) 273)

Microcirculation

Inflammation; Melatonin; Melatonin receptor; *N*-acetylserotonin (Lotufo, C.M.C. (430) 351)

Microdialysis

Baclofen; GHB (γ -hydroxybutyric acid); SCH 50911; Acetylcholine; Hippocampus; GABA_B receptor (Nava, F. (430) 261)

Middle cerebral artery occlusion

(–)-D-Deprenyl; Apoptosis; TUNEL (Simon, L. (430) 235)

Mineralocorticoid receptor

Glucocorticoid receptor; Restraint stress; Brain; Blood pressure (Van Acker, S.A.B.E. (430) 87)

Morphine

Corticotropin-releasing factor (CRF); Dependence; Noradrenaline (Funada, M. (430) 277)

Morphine withdrawal

c-fos; Paraventricular nucleus; Supraoptic nucleus; Protein kinase A; Protein kinase C; Ca^{2+} channel (Martínez, P.J. (430) 59)

NAAG (*N*-acetyl-aspartyl-glutamate)

GCP II (glutamate carboxypeptidase); NAALADase (*N*-acetylated alpha-linked acidic dipeptidase); TGF- β (transforming growth factor- β); Ischemia; Metabotropic glutamate receptor; Glutamate (Thomas, A.G. (430) 33)

NAALADase (*N*-acetylated alpha-linked acidic dipeptidase)

GCP II (glutamate carboxypeptidase); NAAG (*N*-acetyl-aspartyl-glutamate); TGF- β (transforming growth factor- β); Ischemia; Metabotropic glutamate receptor; Glutamate (Thomas, A.G. (430) 33)

***N*-acetylserotonin**

Inflammation; Microcirculation; Melatonin; Melatonin receptor (Lotufo, C.M.C. (430) 351)

Neostriatum

ω -Agatoxin TK; ω -Conotoxin GVIA; Synaptic transmission; Ca^{2+} channel (Barral, J. (430) 167)

Neuropathic pain

Amitriptyline; Caffeine; Adenosine; Chronic administration (Esser, M.J. (430) 211)

Neuropeptide FF

[Met⁵] enkephalin; In vitro release; Spinal cord; Opioid receptor ligand; Peptidase inhibitor (Mauborgne, A. (430) 273)

Nicotinic receptor, (Human)

Estrogen; Xenoestrogen; Non-genomic action (Nakazawa, K. (430) 175)

Nitroglycerin

Preconditioning; CGRP (calcitonin gene-related peptide); CGRP-(8-37); Capsaicin; Small intestine (Dun, Y. (430) 317)

NMDA receptor

Dehydroepiandrosterone sulfate; Brain (Wen, S. (430) 373)

NMDA receptor/glycine site antagonist

Chronic constrictive injury; Mechanical allodynia; Opioid; Tolerance; GV196771A (Quartaroli, M. (430) 219)

***N*-methyl-D-aspartate receptor**

Interleukin-1 β ; Working memory; Acetylcholine; Hippocampus (Matsumoto, Y. (430) 283)

Nociceptin

Cough; Antitussive; ORL1 receptor; (Cat) (Bolser, D.C. (430) 107)

Non-genomic action

Nicotinic receptor, (Human); Estrogen; Xenoestrogen (Nakazawa, K. (430) 175)

Nonsteroidal

PF1092; Progesterone receptor modulator; Progesterone receptor antagonist; Progesterone receptor agonist; T47D (Tabata, Y. (430) 159)

Noradrenaline

Corticotropin-releasing factor (CRF); Dependence; Morphine (Funada, M. (430) 277)

Okadaic acid

Mast cell; Basophil; Protein phosphatase; Tautomycin; Fostriecin (Bastan, R. (430) 135)

Olanzapine

Risperidone; Quetiapine; Ziprasidone; 5-HT₃ receptor; 5-HT₆ receptor (Bymaster, F.P. (430) 341)

OLETF (*Otsuka Long-Evans Tokushima Fatty*), rat

Insulin resistance; Angiotensin; MAP (mitogen-activated protein) kinase (Ishizawa, K. (430) 359)

Opioid

Blood pressure; Glucocorticoid; Hypotension (Sorrentino, R. (430) 79)

NMDA receptor/glycine site antagonist; Chronic constrictive injury; Mechanical allodynia; Tolerance; GV196771A (Quartaroli, M. (430) 219)

Opioid receptor ligand

[Met⁵] enkephalin; In vitro release; Neuropeptide FF; Spinal cord; Peptidase inhibitor (Mauborgne, A. (430) 273)

Orexin

CART (cocaine- and amphetamine-regulated transcript); Leptin; Fenfluramine; Hypothalamus; 5-HT (5-hydroxytryptamine, serotonin) (Orlando, G. (430) 269)

ORL1 receptor

Cough; Antitussive; Nociceptin; (Cat) (Bolser, D.C. (430) 107)

OT-7100

Pain; Diabetic neuropathy; Streptozotocin (Miki, S. (430) 229)

Ovariectomy

Cyclosporin A; Convulsion; γ -Aminobutyric acid (GABA); Menopause; Climacterium (Tominaga, K. (430) 243)

Pain

Cannabinoid; Gender; Locomotor activity, Spontaneous; Catalepsy; (Rat) (Tseng, A.H. (430) 41)

OT-7100; Diabetic neuropathy; Streptozotocin (Miki, S. (430) 229)

Pancreatitis

HGF, hepatocyte growth factor; Interleukin-1 β ; Interleukin-10 (Warzecha, Z. (430) 113)

Paraventricular nucleus

Morphine withdrawal; *c-fos*; Supraoptic nucleus; Protein kinase A; Protein kinase C; Ca^{2+} channel (Martínez, P.J. (430) 59)

Passive avoidance

Adenosine; Pentylene-tetrazole; Amnesia; (Mouse) (Homayoun, H. (430) 289)

***p*-Chloroamphetamine**

Hyperthermia; 5-HT (5-hydroxytryptamine, serotonin); Dopamine; Dopamine D₁ receptor; Dopamine D₂ receptor; (Mouse) (Sugimoto, Y. (430) 265)

Pentylene-tetrazole

Adenosine; Passive avoidance; Amnesia; (Mouse) (Homayoun, H. (430) 289)

Peptidase inhibitor

[Met⁵] enkephalin; In vitro release; Neuropeptide FF; Spinal cord; Opioid receptor ligand (Mauborgne, A. (430) 273)

PF1092

Progesterone receptor modulator; Progesterone receptor antagonist; Progesterone receptor agonist; Nonsteroidal; T47D (Tabata, Y. (430) 159)

Phosphodiesterase inhibitor

Airway; Smooth muscle; Trachea, guinea pig; ANP (atrial natriuretic peptide); ANP receptor; Guanylyl cyclase, particulate; Adenylyl cyclase; K⁺ channel (Devillier, P. (430) 325)

Pial arteriole

Ethanol; Dimethylsulfoxide; Cerebral circulation; Vasodilatation; ATP-dependent potassium channel; K_{ATP} ion channel; Pinacidil; Cromakalim; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

Pinacidil

Ethanol; Dimethylsulfoxide; Cerebral circulation; Pial arteriole; Vasodilatation; ATP-dependent potassium channel; K_{ATP} ion channel; Cromakalim; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

Pineal cell

Dopamine; α -Adrenoceptor; Catecholamine (Rey, E. (430) 9)

Planaria

Cocaine; UV light (Raffa, R.B. (430) 143)

Poly (adenosine 5'-diphosphate ribose) polymerase

Heart, cardiomyoblast; Reactive oxygen species; Infarct size, (rat) (Wayman, N. (430) 93)

Preconditioning

Nitroglycerin; CGRP (calcitonin gene-related peptide); CGRP-(8-37); Capsaicin; Small intestine (Dun, Y. (430) 317)

Progesterone receptor agonist

PF1092; Progesterone receptor modulator; Progesterone receptor antagonist; Nonsteroidal; T47D (Tabata, Y. (430) 159)

Progesterone receptor antagonist

PF1092; Progesterone receptor modulator; Progesterone receptor agonist; Nonsteroidal; T47D (Tabata, Y. (430) 159)

Progesterone receptor modulator

PF1092; Progesterone receptor antagonist; Progesterone receptor agonist; Nonsteroidal; T47D (Tabata, Y. (430) 159)

Prolidase

Doxycycline; Collagen; Fibroblast (Karna, E. (430) 25)

Prostaglandin

Tardive dyskinesia; Dopamine; Indomethacin; Vacuous chewing movement (Naidu, P.S. (430) 295)

Protein kinase A

Morphine withdrawal; *c-fos*; Paraventricular nucleus; Supraoptic nucleus; Protein kinase C; Ca²⁺ channel (Martínez, P.J. (430) 59)

Protein kinase C

Morphine withdrawal; *c-fos*; Paraventricular nucleus; Supraoptic nucleus; Protein kinase A; Ca²⁺ channel (Martínez, P.J. (430) 59)

Protein phosphatase

Mast cell; Basophil; Okadaic acid; Tautomycin; Fostriecin (Bastan, R. (430) 135)

P2Y receptor

Diadenosine polyphosphate; FLIPR; G-protein coupled receptor (Patel, K. (430) 203)

QT-interval

[³H]dofetilide; HERG (Finlayson, K. (430) 147)

Quetiapine

Olanzapine; Risperidone; Ziprasidone; 5-HT₃ receptor; 5-HT₆ receptor (Bymaster, F.P. (430) 341)

Reactive oxygen species

Heart, cardiomyoblast; Poly (adenosine 5'-diphosphate ribose) polymerase; Infarct size, (rat) (Wayman, N. (430) 93)

Rearing

Vomiting; Locomotor activity; Reversal; WIN 55, 212-2; SR 141716A; SR 144528; Cannabinoid CB₁ receptor antagonist (Darmani, N.A. (430) 49)

Regeneration

Extracellular matrix; Lysyl oxidase; Sensorimotor function (Gilad, G.M. (430) 69)

Repolarization

Antiarrhythmic agent; Ion channel; Membrane current (Kobayashi, S. (430) 149)

Restraint stress

Glucocorticoid receptor; Mineralocorticoid receptor; Brain; Blood pressure (Van Acker, S.A.B.E. (430) 87)

Reversal

Vomiting; Locomotor activity; Rearing; WIN 55, 212-2; SR 141716A; SR 144528; Cannabinoid CB₁ receptor antagonist (Darmani, N.A. (430) 49)

Risperidone

Olanzapine; Quetiapine; Ziprasidone; 5-HT₃ receptor; 5-HT₆ receptor (Bymaster, F.P. (430) 341)

Ro 25-1553

Formoterol; Salmeterol; Bronchodilator; Trachea; In vitro; (Guinea-pig) (Källström, B.-L. (430) 335)

Ryanodine receptor

FK506; Immunophilin; Excitation-contraction coupling; FK506 binding protein (FKBP) (Milting, H. (430) 299)

Salmeterol

Ro 25-1553; Formoterol; Bronchodilator; Trachea; In vitro; (Guinea-pig) (Källström, B.-L. (430) 335)

Sardinian alcohol-preferring (sP) rat

Cannabinoid CB₁ receptor antagonist; Alcohol intake (Serra, S. (430) 369)

SCH 50911

Microdialysis; Baclofen; GHB (γ -hydroxybutyric acid); Acetylcholine; Hippocampus; GABA_B receptor (Nava, F. (430) 261)

Sensorimotor function

Regeneration; Extracellular matrix; Lysyl oxidase (Gilad, G.M. (430) 69)

Small intestine

Nitroglycerin; Preconditioning; CGRP (calcitonin gene-related peptide); CGRP-(8-37); Capsaicin (Dun, Y. (430) 317)

Smooth muscle

Airway; Trachea, guinea pig; ANP (atrial natriuretic peptide); ANP receptor; Guanylyl cyclase, particulate; Adenylyl cyclase; K⁺ channel; Phosphodiesterase inhibitor (Devillier, P. (430) 325)

Sodium nitroprusside

Ethanol; Dimethylsulfoxide; Cerebral circulation; Pial arteriole; Vasodilation; ATP-dependent potassium channel; K_{ATP} ion channel; Pinacidil; Cromakalim (Rosenblum, W.I. (430) 101)

Spermine/NO

Cat; Circulation; Diazeniumdiolate; Diethylamine/NO; Diethylenetriamine/NO; Sulfite/NO; Angeli's salt (De Witt, B.J. (430) 311)

Spinal cord

[Met⁵] enkephalin; In vitro release; Neuropeptide FF; Opioid receptor ligand; Peptidase inhibitor (Mauborgne, A. (430) 273)

SR 144528

Vomiting; Locomotor activity; Rearing; Reversal; WIN 55, 212-2; SR 141716A; Cannabinoid CB₁ receptor antagonist (Darmani, N.A. (430) 49)

SR 141716A

Vomiting; Locomotor activity; Rearing; Reversal; WIN 55, 212-2; SR 144528; Cannabinoid CB₁ receptor antagonist (Darmani, N.A. (430) 49)

Streptozotocin

OT-7100; Pain; Diabetic neuropathy (Miki, S. (430) 229)

Structure–activity relationship

γ -Aminobutyric acid (GABA); GABA_C receptor; Cyclopentane and cyclopentene analogues of GABA; *Xenopus* oocyte (Chebib, M. (430) 185)

Sulfite/NO

Cat; Circulation; Diazeniumdiolate; Diethylamine/NO; Diethylenetriamine/NO; Spermine/NO; Angeli's salt (De Witt, B.J. (430) 311)

Supraoptic nucleus

Morphine withdrawal; *c-fos*; Paraventricular nucleus; Protein kinase A; Protein kinase C; Ca²⁺ channel (Martínez, P.J. (430) 59)

Synaptic transmission

ω -Agatoxin TK; ω -Conotoxin GVIA; Neostriatum; Ca²⁺ channel (Barral, J. (430) 167)

Tardive dyskinesia

Dopamine; Indomethacin; Prostaglandin; Vacuous chewing movement (Naidu, P.S. (430) 295)

Tautomycin

Mast cell; Basophil; Protein phosphatase; Okadaic acid; Fostriecin (Bastan, R. (430) 135)

T47D

PF1092; Progesterone receptor modulator; Progesterone receptor antagonist; Progesterone receptor agonist; Nonsteroidal (Tabata, Y. (430) 159)

TGF- β (transforming growth factor- β)

GCP II (glutamate carboxypeptidase); NAALADase (*N*-acetylated alpha-linked acidic dipeptidase); NAAG (*N*-acetyl-aspartyl-glutamate); Ischemia; Metabotropic glutamate receptor; Glutamate (Thomas, A.G. (430) 33)

Tolerance

NMDA receptor/glycine site antagonist; Chronic constrictive injury; Mechanical allodynia; Opioid; GV196771A (Quartaroli, M. (430) 219)

Trachea

Ro 25-1553; Formoterol; Salmeterol; Bronchodilator; In vitro; (Guinea-pig) (Källström, B.-L. (430) 335)

Trachea, guinea pig

Airway; Smooth muscle; ANP (atrial natriuretic peptide); ANP receptor; Guanylyl cyclase, particulate; Adenylyl cyclase; K⁺ channel; Phosphodiesterase inhibitor (Devillier, P. (430) 325)

TUNEL

Ginkgo biloba extract; EGb 761; 6-Alkyl salicylic acid; Fatty acid; Caspase-3 (Ahlemeyer, B. (430) 1)

(–)-D-Deprenyl; Middle cerebral artery occlusion; Apoptosis (Simon, L. (430) 235)

Urocortin

Adenylate cyclase; Corticotropin-releasing factor receptor; G _{α 16}; Urotensin I; *Xenopus* oocyte expression (Pohl, S. (430) 193)

Urotensin I

Adenylate cyclase; Corticotropin-releasing factor receptor; G _{α 16}; Urocortin; *Xenopus* oocyte expression (Pohl, S. (430) 193)

UV light

Cocaine; *Planaria* (Raffa, R.B. (430) 143)

Vacuous chewing movement

Tardive dyskinesia; Dopamine; Indomethacin; Prostaglandin (Naidu, P.S. (430) 295)

Vasodilatation

Ethanol; Dimethylsulfoxide; Cerebral circulation; Pial arteriole; ATP-dependent potassium channel; K_{ATP} ion channel; Pinacidil; Cromakalim; Sodium nitroprusside (Rosenblum, W.I. (430) 101)

Vomiting

Locomotor activity; Rearing; Reversal; WIN 55, 212-2; SR 141716A; SR 144528; Cannabinoid CB₁ receptor antagonist (Darmani, N.A. (430) 49)

WAG/Rij, rat

CGP 36742; LY 300164; AMPA/kainate receptor; GABA_B receptor; Absence epilepsy; Isobologram (Kamiński, R.M. (430) 251)

WIN 55, 212-2

Vomiting; Locomotor activity; Rearing; Reversal; SR 141716A; SR 144528; Cannabinoid CB₁ receptor antagonist (Darmani, N.A. (430) 49)

Working memory

Interleukin-1 β ; Acetylcholine; *N*-methyl-D-aspartate receptor; Hippocampus (Matsumoto, Y. (430) 283)

Xenoestrogen

Nicotinic receptor, (Human); Estrogen; Non-genomic action (Nakazawa, K. (430) 175)

***Xenopus* oocyte**

γ -Aminobutyric acid (GABA); GABA_C receptor; Structure–activity relationship; Cyclopentane and cyclopentene analogues of GABA (Chebib, M. (430) 185)

***Xenopus* oocyte expression**

Adenylate cyclase; Corticotropin-releasing factor receptor; G _{α 16}; Urocortin; Urotensin I (Pohl, S. (430) 193)

Ziprasidone

Olanzapine; Risperidone; Quetiapine; 5-HT₃ receptor; 5-HT₆ receptor (Bymaster, F.P. (430) 341)