

Keyword index

Acute renal failure

Carnosine; Renal sympathetic nerve activity; Norepinephrine; Ischemia/reperfusion (Fujii, T. (474) 261)

Adenosine A_{2A} receptor

Adenosine A_3 receptor; Dendritic cell; TNF- α (tumour necrosis factor- α) (Dickenson, J.M. (474) 43)

Adenosine A_3 receptor

Adenosine A_{2A} receptor; Dendritic cell; TNF- α (tumour necrosis factor- α) (Dickenson, J.M. (474) 43)

Adenylyl cyclase

Prostacyclin receptor; Phospholipase C; G protein coupling; Receptor switching (Chow, K.B.S. (474) 7)

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CGRP (calcitonin gene-related peptide); Binding, Receptor; Brain; Lung; Vas deferens; BIBN4096BS; [Cys(Et)^{2,7}]hCGRP α ; Adrenomedullin-(22–52), human; (Rat) (Juaneda, C. (474) 165)

Adrenomedullin-(22–52), human

Adrenomedullin; CGRP (calcitonin gene-related peptide); Binding, Receptor; Brain; Lung; Vas deferens; BIBN4096BS; [Cys(Et)^{2,7}]hCGRP α ; (Rat) (Juaneda, C. (474) 165)

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Antagonist

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Natriuretic peptide; Endothelin; Cardiac myocyte; Ornithine decarboxylase (Han, B. (474) 15)

Heat shock protein; Herbimycin A; Thermotolerance; (Rat) (Sachidhanandam, S.B. (474) 121)

Arsenic trioxide; DODC (diethyloxadycarbocyanine); Cell cycle; Sensitivity; Telomere (Zhang, Y. (474) 141)

Roxithromycin; Asthma; Fas ligand; Bcl-2 (Ogawa, N. (474) 273)

Arsenic trioxide

Apoptosis; DODC (diethyloxadycarbocyanine); Cell cycle; Sensitivity; Telomere (Zhang, Y. (474) 141)

Asthma

Thromboxane A_2 ; Smooth muscle cell; Human; Proliferation; Airway (Capra, V. (474) 149)

Roxithromycin; Apoptosis; Fas ligand; Bcl-2 (Ogawa, N. (474) 273)

Atherosclerosis

CYR61; Iloprost; Prostacyclin; Smooth muscle (Debey, S. (474) 161)

Atorvastatin

α -Thrombin, human; Interleukin-6; NF- κ B (nuclear factor- κ B); RhoA (Haloui, M. (474) 175)

ATP

P2X receptor; Site-directed mutagenesis; Cysteine; *Xenopus* oocyte (Nakazawa, K. (474) 205)

Bcl-2

Roxithromycin; Apoptosis; Asthma; Fas ligand (Ogawa, N. (474) 273)

Behavioral sensitization

Methamphetamine; Nocturnal behavior; Monoamine metabolism; Dopamine; 5-HT (5-hydroxytryptamine; serotonin) (Kitanaka, N. (474) 63)

BIBN4096BS

Adrenomedullin; CGRP (calcitonin gene-related peptide); Binding, Receptor; Brain; Lung; Vas deferens; [Cys(Et)^{2,7}]hCGRP α ; Adrenomedullin-(22–52), human; (Rat) (Juaneda, C. (474) 165)

Binding, Receptor

Adrenomedullin; CGRP (calcitonin gene-related peptide); Brain; Lung; Vas deferens; BIBN4096BS; [Cys(Et)^{2,7}]hCGRPα; Adrenomedullin-(22–52), human; (Rat) (Juaneda, C. (474) 165)

Body temperature

Middle cerebral artery occlusion; Ischemia; Reperfusion; Neurological deficit; Diffusion–perfusion magnetic resonance imaging (Petty, M.A. (474) 53)

Bradykinin

Angiotensin-converting enzyme inhibitor; Bradykinin B₁ receptor; Bradykinin B₂ receptor; Cough; (Guinea pig) (Hirata, R. (474) 255)

Bradykinin B₁ receptor

Angiotensin-converting enzyme inhibitor; Bradykinin; Bradykinin B₂ receptor; Cough; (Guinea pig) (Hirata, R. (474) 255)

Brain

Adrenomedullin; CGRP (calcitonin gene-related peptide); Binding, Receptor; Lung; Vas deferens; BIBN4096BS; [Cys(Et)^{2,7}]hCGRPα; Adrenomedullin-(22–52), human; (Rat) (Juaneda, C. (474) 165)

Buoyant density separation

Receptor conservation; Receptor affinity; Endocytosis rate; Lysosomal sorting; Endosomal sorting; Selective agonist endocytosis (Parker, S.L. (474) 31)

Buprenorphine

Phenethylamine; Hallucinogen; 5-HT (5-hydroxytryptamine, serotonin); μ-Opioid receptor; Head shake; DOI; 5-HT_{2A} receptor; Fentanyl (Marek, G.J. (474) 77)

Bupropion

Nicotine; Amphetamine; Bupropion metabolite; Hydroxybupropion; Threohydrobupropion (Bondarev, M.L. (474) 85)

Bupropion metabolite

Nicotine; Amphetamine; Bupropion; Hydroxybupropion; Threohydrobupropion (Bondarev, M.L. (474) 85)

Ca²⁺

Honokiol; Magnolol; Cortical neuron, rat; SH-SY5Y neuroblastoma (Zhai, H. (474) 199)

cAMP

Salt; Aorta; Isoproterenol; Nitric oxide (NO); cGMP (Sofola, O. (474) 241)

Cannabinoid

Microglial cell; Migration; Inflammation (Franklin, A. (474) 195)

Cannabinoid CB₁ receptor

Spinal cord; Carrageenan inflammation; von Frey monofilament; Dorsal horn neurone; Cannabinoid CB₁ receptor agonist, selective (Kelly, S. (474) 209)

Antitussive effect; Cough; WIN 55212-2; SR141716A (Morita, K. (474) 269)

Cannabinoid CB₁ receptor agonist, selective

Spinal cord; Cannabinoid CB₁ receptor; Carrageenan inflammation; von Frey monofilament; Dorsal horn neurone (Kelly, S. (474) 209)

Cardiac myocyte

Apoptosis; Natriuretic peptide; Endothelin; Ornithine decarboxylase (Han, B. (474) 15)

Cardiac output

Sepsis; Septic shock; Endothelin; Endothelin receptor; Organ failure; Edema (Albertini, M. (474) 129)

Carnosine

Renal sympathetic nerve activity; Norepinephrine; Acute renal failure; Ischemia/reperfusion (Fujii, T. (474) 261)

Carrageenan inflammation

Spinal cord; Cannabinoid CB₁ receptor; von Frey monofilament; Dorsal horn neurone; Cannabinoid CB₁ receptor agonist, selective (Kelly, S. (474) 209)

Cell cycle

Apoptosis; Arsenic trioxide; DODC (diethyloxadecarbocyanine); Sensitivity; Telomere (Zhang, Y. (474) 141)

Cell cycle progression

Taurine efflux, osmosensitive; Antihistamine, second-generation; non-sedating; Tricyclic antidepressant; Volume-sensitive organic osmolyte/anion channel (Belsey, M.J. (474) 185)

Cerebral circulation

Excitatory amino acid; Signal transduction; Neurotrauma (Armstead, W.M. (474) 249)

cGMP

Salt; Aorta; Isoproterenol; Nitric oxide (NO); cAMP (Sofola, O. (474) 241)

CGRP (calcitonin gene-related peptide)

Adrenomedullin; Binding, Receptor; Brain; Lung; Vas deferens; BIBN4096BS; [Cys(Et)^{2,7}]hCGRPα; Adrenomedullin-(22–52), human; (Rat) (Juaneda, C. (474) 165)

Chlorisondamine

Nicotine; Scopolamine; Sulpiride; Memory (Hefco, V. (474) 227)

Cinnamyl derivative

Endotoxin shock; Cytokine (Kurokawa, M. (474) 283)

Cocaine kindling

Neuroactive steroid; Sensitization; (mouse) (Kaminski, R.M. (474) 217)

Conditioned place preference

Nociceptin; Amphetamine; Sensitization; Stereotypy; (Rat) (Kotlinska, J. (474) 233)

Cortical neuron, rat

Honokiol; Magnolol; Ca²⁺; SH-SY5Y neuroblastoma (Zhai, H. (474) 199)

Cough

Angiotensin-converting enzyme inhibitor; Bradykinin; Bradykinin B₁ receptor; Bradykinin B₂ receptor; (Guinea pig) (Hirata, R. (474) 255)

Antitussive effect; cannabinoid CB₁ receptor; WIN 55212-2; SR141716A (Morita, K. (474) 269)

Cyclophosphamide-induced cystitis

Dorsal root ganglion; P2X receptor; Vanilloid 1 receptor (Borvendeg, S.J. (474) 71)

CYR61

Iloprost; Prostacyclin; Smooth muscle; Atherosclerosis (Debey, S. (474) 161)

[Cys(Et)^{2,7}]hCGRP α

Adrenomedullin; CGRP (calcitonin gene-related peptide); Binding, Receptor; Brain; Lung; Vas deferens; BIBN4096BS; Adrenomedullin-(22–52), human; (Rat) (Juaneda, C. (474) 165)

Cysteine

ATP; P2X receptor; Site-directed mutagenesis; *Xenopus* oocyte (Nakazawa, K. (474) 205)

Cytokine

Cinnamyl derivative; Endotoxin shock (Kurokawa, M. (474) 283)

Dendritic cell

Adenosine A₃ receptor; Adenosine A_{2A} receptor; TNF- α (tumour necrosis factor- α) (Dickenson, J.M. (474) 43)

Diffusion–perfusion magnetic resonance imaging

Middle cerebral artery occlusion; Ischemia; Reperfusion; Body temperature; Neurological deficit (Petty, M.A. (474) 53)

DODC (diethyloxadycarbocyanine)

Apoptosis; Arsenic trioxide; Cell cycle; Sensitivity; Telomere (Zhang, Y. (474) 141)

DOI

Phenethylamine; Hallucinogen; 5-HT (5-hydroxytryptamine, serotonin); μ -Opioid receptor; Head shake; 5-HT_{2A} receptor; Buprenorphine; Fentanyl (Marek, G.J. (474) 77)

Dopamine

Methamphetamine; Behavioral sensitization; Nocturnal behavior; Monoamine metabolism; 5-HT (5-hydroxytryptamine; serotonin) (Kitanaka, N. (474) 63)

Dopamine D1 receptor; Partial-agonist; Phenylbenzazepine (Neumeyer, J.L. (474) 137)

Dopamine D1 receptor

Dopamine; Partial-agonist; Phenylbenzazepine (Neumeyer, J.L. (474) 137)

Dorsal horn neurone

Spinal cord; Cannabinoid CB₁ receptor; Carrageenan inflammation; von Frey monofilament; Cannabinoid CB₁ receptor agonist, selective (Kelly, S. (474) 209)

Dorsal root ganglion

P2X receptor; Vanilloid 1 receptor; Cyclophosphamide-induced cystitis (Borvendeg, S.J. (474) 71)

Edema

Sepsis; Septic shock; Endothelin; Endothelin receptor; Cardiac output; Organ failure (Albertini, M. (474) 129)

Electrical field stimulation

Endothelium; K_{Ca} channel; K_V channel; K_{ATP} channel; Penile small artery (Kun, A. (474) 103)

Endocytosis rate

Receptor conservation; Receptor affinity; Lysosomal sorting; Endosomal sorting; Selective agonist endocytosis; Buoyant density separation (Parker, S.L. (474) 31)

Endosomal sorting

Receptor conservation; Receptor affinity; Endocytosis rate; Lysosomal sorting; Selective agonist endocytosis; Buoyant density separation (Parker, S.L. (474) 31)

Endothelin

Apoptosis; Natriuretic peptide; Cardiac myocyte; Ornithine decarboxylase (Han, B. (474) 15)

Sepsis; Septic shock; Endothelin receptor; Cardiac output; Organ failure; Edema (Albertini, M. (474) 129)

Endothelin receptor

Sepsis; Septic shock; Endothelin; Cardiac output; Organ failure; Edema (Albertini, M. (474) 129)

Endothelium

Electrical field stimulation; K_{Ca} channel; K_V channel; K_{ATP} channel; Penile small artery (Kun, A. (474) 103)

Endotoxin shock

Cinnamyl derivative; Cytokine (Kurokawa, M. (474) 283)

Eticlopride

Pramipexole; Vesicular monoamine transporter; Parkinson's disease; Vesicle function (Truong, J.G. (474) 223)

Excitatory amino acid

Cerebral circulation; Signal transduction; Neurotrauma (Armstead, W.M. (474) 249)

Fas ligand

Roxithromycin; Apoptosis; Asthma; Bcl-2 (Ogawa, N. (474) 273)

Fentanyl

Phenethylamine; Hallucinogen; 5-HT (5-hydroxytryptamine, serotonin); μ -Opioid receptor; Head shake; DOI; 5-HT_{2A} receptor; Buprenorphine (Marek, G.J. (474) 77)

Gastrin releasing peptide receptor

PD176252; Antagonist; Lung cancer; Proliferation (Moody, T.W. (474) 21)

G protein-coupled receptor

TPEN; Ligand binding (Webster, J.M. (474) 1)

G protein coupling

Prostacyclin receptor; Adenylyl cyclase; Phospholipase C; Receptor switching (Chow, K.B.S. (474) 7)

(Guinea pig)

Angiotensin-converting enzyme inhibitor; Bradykinin; Bradykinin B₁ receptor; Bradykinin B₂ receptor; Cough (Hirata, R. (474) 255)

Hallucinogen

Phenethylamine; 5-HT (5-hydroxytryptamine, serotonin); μ -Opioid receptor; Head shake; DOI; 5-HT_{2A} receptor; Buprenorphine; Fentanyl (Marek, G.J. (474) 77)

Head shake

Phenethylamine; Hallucinogen; 5-HT (5-hydroxytryptamine, serotonin); μ -Opioid receptor; DOI; 5-HT_{2A} receptor; Buprenorphine; Fentanyl (Marek, G.J. (474) 77)

Heat shock protein

Herbimycin A; Thermotolerance; Apoptosis; (Rat) (Sachidhanandam, S.B. (474) 121)

Herbimycin A

Heat shock protein; Thermotolerance; Apoptosis; (Rat) (Sachidhanandam, S.B. (474) 121)

Hindlimb ischemia

5-HT receptor; Sumatriptan; Vasoconstriction; SL65.0472; Ketanserin (Barbe, F. (474) 117)

Honokiol

Magnolol; Ca^{2+} ; Cortical neuron, rat; SH-SY5Y neuroblastoma (Zhai, H. (474) 199)

5-HT receptor

Sumatriptan; Vasoconstriction; Hindlimb ischemia; SL65.0472; Ketanserin (Barbe, F. (474) 117)

5-HT_{2A} receptor

Phenethylamine; Hallucinogen; 5-HT (5-hydroxytryptamine, serotonin); μ -Opioid receptor; Head shake; DOI; Buprenorphine; Fentanyl (Marek, G.J. (474) 77)

5-HT (5-hydroxytryptamine; serotonin)

Methamphetamine; Behavioral sensitization; Nocturnal behavior; Monoamine metabolism; Dopamine (Kitanaka, N. (474) 63)

5-HT (5-hydroxytryptamine, serotonin)

Phenethylamine; Hallucinogen; μ -Opioid receptor; Head shake; DOI; 5-HT_{2A} receptor; Buprenorphine; Fentanyl (Marek, G.J. (474) 77)

Human

Asthma; Thromboxane A₂; Smooth muscle cell; Proliferation; Airway (Capra, V. (474) 149)

Hydroxybupropion

Nicotine; Amphetamine; Bupropion; Bupropion metabolite; Threohydrobupropion (Bondarev, M.L. (474) 85)

Iloprost

CYR61; Prostacyclin; Smooth muscle; Atherosclerosis (Debey, S. (474) 161)

Inflammation

Cannabinoid; Microglial cell; Migration (Franklin, A. (474) 195)

Interleukin-6

Atorvastatin; α -Thrombin, human; NF- κ B (nuclear factor- κ B); RhoA (Haloui, M. (474) 175)

Ischemia

Middle cerebral artery occlusion; Reperfusion; Body temperature; Neurological deficit; Diffusion–perfusion magnetic resonance imaging (Petty, M.A. (474) 53)

Ischemia/reperfusion

Carnosine; Renal sympathetic nerve activity; Norepinephrine; Acute renal failure (Fujii, T. (474) 261)

Isoproterenol

Salt; Aorta; Nitric oxide (NO); cAMP; cGMP (Sofola, O. (474) 241)

K_{ATP} channel

Endothelium; Electrical field stimulation; K_{Ca} channel; K_V channel; Penile small artery (Kun, A. (474) 103)

K_{Ca} channel

Endothelium; Electrical field stimulation; K_V channel; K_{ATP} channel; Penile small artery (Kun, A. (474) 103)

Ketanserin

5-HT receptor; Sumatriptan; Vasoconstriction; Hindlimb ischemia; SL65.0472 (Barbe, F. (474) 117)

Knee joint, rat

Somatostatin; Vasodilatation; Plasma extravasation (Lam, F.F.Y. (474) 295)

K_V channel

Endothelium; Electrical field stimulation; K_{Ca} channel; K_{ATP} channel; Penile small artery (Kun, A. (474) 103)

Ligand binding

TPEN; G protein-coupled receptor (Webster, J.M. (474) 1)

Lung

Adrenomedullin; CGRP (calcitonin gene-related peptide); Binding, Receptor; Brain; Vas deferens; BIBN4096BS; [Cys(Et)^{2,7}]hCGRP α ; Adrenomedullin-(22–52), human; (Rat) (Juaneda, C. (474) 165)

Lung cancer

PD176252; Gastrin releasing peptide receptor; Antagonist; Proliferation (Moody, T.W. (474) 21)

Lysosomal sorting

Receptor conservation; Receptor affinity; Endocytosis rate; Endosomal sorting; Selective agonist endocytosis; Buoyant density separation (Parker, S.L. (474) 31)

Magnolol

Honokiol; Ca^{2+} ; Cortical neuron, rat; SH-SY5Y neuroblastoma (Zhai, H. (474) 199)

MCL0020

Melanocortin MC₄ receptor; Melanocortin; Anxiety; MT II (Ac-[Nle⁴, Asp⁵, D-Phe⁷, Lys¹⁰] α -MSH-(4-10)-NH₂) (Chaki, S. (474) 95)

Melanocortin

Melanocortin MC₄ receptor; Anxiety; MCL0020; MT II (Ac-[Nle⁴, Asp⁵, D-Phe⁷, Lys¹⁰] α -MSH-(4-10)-NH₂) (Chaki, S. (474) 95)

Melanocortin MC₄ receptor

Melanocortin; Anxiety; MCL0020; MT II (Ac-[Nle⁴, Asp⁵, D-Phe⁷, Lys¹⁰] α -MSH-(4-10)-NH₂) (Chaki, S. (474) 95)

Memory

Chlorisondamine; Nicotine; Scopolamine; Sulpiride (Hefco, V. (474) 227)

Methamphetamine

Behavioral sensitization; Nocturnal behavior; Monoamine metabolism; Dopamine; 5-HT (5-hydroxytryptamine; serotonin) (Kitanaka, N. (474) 63)

Microglial cell

Cannabinoid; Migration; Inflammation (Franklin, A. (474) 195)

Middle cerebral artery occlusion

Ischemia; Reperfusion; Body temperature; Neurological deficit; Diffusion–perfusion magnetic resonance imaging (Petty, M.A. (474) 53)

Migration

Cannabinoid; Microglial cell; Inflammation (Franklin, A. (474) 195)

Monoamine metabolism

Methamphetamine; Behavioral sensitization; Nocturnal behavior; Dopamine; 5-HT (5-hydroxytryptamine; serotonin) (Kitanaka, N. (474) 63)

(mouse)

Neuroactive steroid; Cocaine kindling; Sensitization (Kaminski, R.M. (474) 217)

MT II (*Ac*-[*Nle*⁴,*Asp*⁵,*D-Phe*⁷,*Lys*¹⁰] α -*MSH*-(4-10)-*NH*₂)

Melanocortin MC₄ receptor; Melanocortin; Anxiety; MCL0020 (Chaki, S. (474) 95)

Natriuretic peptide

Apoptosis; Endothelin; Cardiac myocyte; Ornithine decarboxylase (Han, B. (474) 15)

Neuroactive steroid

Cocaine kindling; Sensitization; (mouse) (Kaminski, R.M. (474) 217)

Neurological deficit

Middle cerebral artery occlusion; Ischemia; Reperfusion; Body temperature; Diffusion-perfusion magnetic resonance imaging (Petty, M.A. (474) 53)

Neurotrauma

Cerebral circulation; Excitatory amino acid; Signal transduction (Armstead, W.M. (474) 249)

NF- κ B (nuclear factor- κ B)

Atorvastatin; α -Thrombin, human; Interleukin-6; RhoA (Haloui, M. (474) 175)

Nicotine

Amphetamine; Bupropion; Bupropion metabolite; Hydroxybupropion; Threohydrobupropion (Bondarev, M.L. (474) 85)

Chlorisondamine; Scopolamine; Sulpiride; Memory (Hefco, V. (474) 227)

Nitric oxide (NO)

Salt; Aorta; Isoproterenol; cAMP; cGMP (Sofola, O. (474) 241)

Nociceptin

Amphetamine; Conditioned place preference; Sensitization; Stereotypy; (Rat) (Kotlinska, J. (474) 233)

Nocturnal behavior

Methamphetamine; Behavioral sensitization; Monoamine metabolism; Dopamine; 5-HT (5-hydroxytryptamine; serotonin) (Kitanaka, N. (474) 63)

non-sedating

Taurine efflux, osmosensitive; Cell cycle progression; Antihistamine, second-generation; Tricyclic antidepressant; Volume-sensitive organic osmolyte/anion channel (Belsey, M.J. (474) 185)

Norepinephrine

Carnosine; Renal sympathetic nerve activity; Acute renal failure; Ischemia/reperfusion (Fujii, T. (474) 261)

 μ -Opioid receptor

Phenethylamine; Hallucinogen; 5-HT (5-hydroxytryptamine, serotonin); Head shake; DOI; 5-HT_{2A} receptor; Buprenorphine; Fentanyl (Marek, G.J. (474) 77)

Organ failure

Sepsis; Septic shock; Endothelin; Endothelin receptor; Cardiac output; Edema (Albertini, M. (474) 129)

Ornithine decarboxylase

Apoptosis; Natriuretic peptide; Endothelin; Cardiac myocyte (Han, B. (474) 15)

Parkinson's disease

Pramipexole; Vesicular monoamine transporter; Vesicle function; Eticlopride (Truong, J.G. (474) 223)

Partial-agonist

Dopamine; Dopamine D1 receptor; Phenylbenzazepine (Neumeyer, J.L. (474) 137)

PD176252

Gastrin releasing peptide receptor; Antagonist; Lung cancer; Proliferation (Moody, T.W. (474) 21)

Penile small artery

Endothelium; Electrical field stimulation; K_{Ca} channel; K_V channel; K_{ATP} channel (Kun, A. (474) 103)

Phenethylamine

Hallucinogen; 5-HT (5-hydroxytryptamine, serotonin); μ -Opioid receptor; Head shake; DOI; 5-HT_{2A} receptor; Buprenorphine; Fentanyl (Marek, G.J. (474) 77)

Phenylbenzazepine

Dopamine; Dopamine D1 receptor; Partial-agonist (Neumeyer, J.L. (474) 137)

Phospholipase C

Prostacyclin receptor; Adenylyl cyclase; G protein coupling; Receptor switching (Chow, K.B.S. (474) 7)

Plasma extravasation

Somatostatin; Vasodilatation; Knee joint, rat (Lam, F.F.Y. (474) 295)

Pramipexole

Vesicular monoamine transporter; Parkinson's disease; Vesicle function; Eticlopride (Truong, J.G. (474) 223)

Proliferation

PD176252; Gastrin releasing peptide receptor; Antagonist; Lung cancer (Moody, T.W. (474) 21)

Asthma; Thromboxane A₂; Smooth muscle cell; Human; Airway (Capra, V. (474) 149)

Prostacyclin

CYR61; Iloprost; Smooth muscle; Atherosclerosis (Debey, S. (474) 161)

Prostacyclin receptor

Adenylyl cyclase; Phospholipase C; G protein coupling; Receptor switching (Chow, K.B.S. (474) 7)

P2X receptor

Dorsal root ganglion; Vanilloid 1 receptor; Cyclophosphamide-induced cystitis (Borvendeg, S.J. (474) 71)

ATP; Site-directed mutagenesis; Cysteine; *Xenopus* oocyte (Nakazawa, K. (474) 205)

(Rat)

Heat shock protein; Herbimycin A; Thermotolerance; Apoptosis (Sachidanandam, S.B. (474) 121)

Adrenomedullin; CGRP (calcitonin gene-related peptide); Binding, Receptor; Brain; Lung; Vas deferens; BIBN4096BS; [Cys(Et)^{2,7}]hCGRP α ; Adrenomedullin-(22–52), human (Juaneda, C. (474) 165)

Nociceptin; Amphetamine; Conditioned place preference; Sensitization; Stereotypy (Kotlinska, J. (474) 233)

Receptor affinity

Receptor conservation; Endocytosis rate; Lysosomal sorting; Endosomal sorting; Selective agonist endocytosis; Buoyant density separation (Parker, S.L. (474) 31)

Receptor conservation

Receptor affinity; Endocytosis rate; Lysosomal sorting; Endosomal sorting; Selective agonist endocytosis; Buoyant density separation (Parker, S.L. (474) 31)

Receptor switching

Prostacyclin receptor; Adenylyl cyclase; Phospholipase C; G protein coupling (Chow, K.B.S. (474) 7)

Renal sympathetic nerve activity

Carnosine; Norepinephrine; Acute renal failure; Ischemia/reperfusion (Fujii, T. (474) 261)

Reperfusion

Middle cerebral artery occlusion; Ischemia; Body temperature; Neurological deficit; Diffusion–perfusion magnetic resonance imaging (Petty, M.A. (474) 53)

RhoA

Atorvastatin; α -Thrombin, human; Interleukin-6; NF- κ B (nuclear factor- κ B) (Haloui, M. (474) 175)

Roxithromycin

Apoptosis; Asthma; Fas ligand; Bcl-2 (Ogawa, N. (474) 273)

Salt

Aorta; Isoproterenol; Nitric oxide (NO); cAMP; cGMP (Sofola, O. (474) 241)

Scopolamine

Chlorisondamine; Nicotine; Sulpiride; Memory (Hefco, V. (474) 227)

Selective agonist endocytosis

Receptor conservation; Receptor affinity; Endocytosis rate; Lysosomal sorting; Endosomal sorting; Buoyant density separation (Parker, S.L. (474) 31)

Sensitivity

Apoptosis; Arsenic trioxide; DODC (diethyloxadycarbocyanine); Cell cycle; Telomere (Zhang, Y. (474) 141)

Sensitization

Neuroactive steroid; Cocaine kindling; (mouse) (Kaminski, R.M. (474) 217)

Nociceptin; Amphetamine; Conditioned place preference; Stereotypy; (Rat) (Kotlinska, J. (474) 233)

Sepsis

Septic shock; Endothelin; Endothelin receptor; Cardiac output; Organ failure; Edema (Albertini, M. (474) 129)

Septic shock

Sepsis; Endothelin; Endothelin receptor; Cardiac output; Organ failure; Edema (Albertini, M. (474) 129)

SH-SY5Y neuroblastoma

Honokiol; Magnolol; Ca^{2+} ; Cortical neuron, rat (Zhai, H. (474) 199)

Signal transduction

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Site-directed mutagenesis

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SL65.0472

5-HT receptor; Sumatriptan; Vasoconstriction; Hindlimb ischemia; Ketanserin (Barbe, F. (474) 117)

Smooth muscle

CYR61; Iloprost; Prostacyclin; Atherosclerosis (Debey, S. (474) 161)

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Asthma; Thromboxane A_2 ; Human; Proliferation; Airway (Capra, V. (474) 149)

Somatostatin

Vasodilatation; Plasma extravasation; Knee joint, rat (Lam, F.F.Y. (474) 295)

Spinal cord

Cannabinoid CB_1 receptor; Carrageenan inflammation; von Frey monofilament; Dorsal horn neurone; Cannabinoid CB_1 receptor agonist, selective (Kelly, S. (474) 209)

SR141716A

Antitussive effect; Cough; cannabinoid CB_1 receptor; WIN 55212-2 (Morita, K. (474) 269)

Stereotypy

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Sumatriptan

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Taurine efflux, osmosensitive

Cell cycle progression; Antihistamine, second-generation; non-sedating; Tricyclic antidepressant; Volume-sensitive organic osmolyte/anion channel (Belsey, M.J. (474) 185)

Telomere

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 α -Thrombin, human

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Tricyclic antidepressant

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Vanilloid 1 receptor

Dorsal root ganglion; P2X receptor; Cyclophosphamide-induced cystitis (Borvendeg, S.J. (474) 71)

Vas deferens

Adrenomedullin; CGRP (calcitonin gene-related peptide); Binding, Receptor; Brain; Lung; BIBN4096BS; [Cys(Et)^{2,7}]hCGRP α ; Adrenomedullin-(22–52), human; (Rat) (Juaneda, C. (474) 165)

Vasoconstriction

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Vasodilatation

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Vesicular monoamine transporter

Pramipexole; Parkinson's disease; Vesicle function; Eticlopride (Truong, J.G. (474) 223)

Volume-sensitive organic osmolyte/anion channel

Taurine efflux, osmosensitive; Cell cycle progression; Antihistamine, second-generation; non-sedating; Tricyclic antidepressant (Belsey, M.J. (474) 185)

von Frey monofilament

Spinal cord; Cannabinoid CB₁ receptor; Carrageenan inflammation; Dorsal horn neurone; Cannabinoid CB₁ receptor agonist, selective (Kelly, S. (474) 209)

WIN 55212-2

Antitussive effect; Cough; cannabinoid CB₁ receptor; SR141716A (Morita, K. (474) 269)

Xenopus oocyte

ATP; P2X receptor; Site-directed mutagenesis; Cysteine (Nakazawa, K. (474) 205)