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A23187

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Apo B₁₀₀

LDL (low density lipoprotein); Chylomicron; Apo B₄₈; Postprandial; Cynomolgus monkey; (Rhesus monkey) (Van Heek, M. (415) 79)

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HMG-CoA reductase; Simvastatin; Ca²⁺; Diltiazem, Cyclopiazonic acid (Álvarez de Sotomayor, M. (415) 217)

Ca²⁺ channel antagonist

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Ca²⁺ channel blocker

Human gingival fibroblast; Nifedipine; Nitric oxide; Peroxynitrite; Gingival overgrowth (Fujimori, Y. (415) 95)

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Neuropathic pain; T-type channel; Analgesia; Nociception; Dorsal horn (Matthews, E.A. (415) 141)

Ca²⁺ ionophore

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cAMP production

CGRP receptor; Cerebral vessel; Human; Dilatation (Edvinsson, L. (415) 39)

Cannabinoid

2-Arachidonoylglycerol; EDHF (endothelium-derived hyperpolarizing factor) (Kagota, S. (415) 233)

Cannabinoid CB₁ receptor

Analgesia; Tibial nerve injury (Siegling, A. (415) R5)

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Cardiotoxicity

Doxorubicin; Cardiac trabeculae; Transduction pathways (De Beer, E.L. (415) 1)

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Tachykinin NK₂ receptor antagonist; Nepadutant; Saredutant; Respiratory effect; Gastrointestinal motility; Migrating motor complex; (Rat); (Dog) (Giuliani, S. (415) 61)

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Cerebral circulation

CGRP (calcitonin gene-related peptide); Melatonin; Cerebral artery; Adenylate cyclase; Vascular tone (Viswanathan, M. (415) 247)

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CGRP receptor; Human; cAMP production; Dilatation (Edvinsson, L. (415) 39)

CGP 36216

GABA_B receptor antagonist; Neocortex, rat; Baclofen (Ong, J. (415) 191)

CGRP (calcitonin gene-related peptide)

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Cerebral vessel; Human; cAMP production; Dilatation (Edvinsson, L. (415) 39)

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Chylomicron

LDL (low density lipoprotein); Apo B₄₈; Apo B₁₀₀; Postprandial; Cynomolgus monkey; (Rhesus monkey) (Van Heek, M. (415) 79)

Clonidine

Ultrasonic vocalization; α₂-Adrenoceptor; κ-Opioid receptor; U-50,488 (Nazarian, A. (415) 165)

Amygdala; Opiate (Murphy, R. (415) R1)

Cocaine

CRF (corticotropin-releasing factor); CRF receptor, antagonist; Stress; Conditioned place preference; Relapse (Lu, L. (415) 203)

Colon mucosa (rat)

Nepadutant; Tachykinin NK₂ receptor; Ion transport, vectorial (Patachini, R. (415) 277)

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CRF (corticotropin-releasing factor); CRF receptor, antagonist; Stress; Cocaine; Relapse (Lu, L. (415) 203)

Coronary artery

Celiprolol; β-Adrenoceptor antagonist; Nitric oxide (NO); Endothelium (Noda, K. (415) 209)

CRF (corticotropin-releasing factor)

CRF receptor, antagonist; Stress; Cocaine; Conditioned place preference; Relapse (Lu, L. (415) 203)

CRF receptor, antagonist

CRF (corticotropin-releasing factor); Stress; Cocaine; Conditioned place preference; Relapse (Lu, L. (415) 203)

Cynomolgus monkey

LDL (low density lipoprotein); Chylomicron; Apo B₄₈; Apo B₁₀₀; Postprandial; (Rhesus monkey) (Van Heek, M. (415) 79)

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Zopiclone; Anxiolytic effect (Carlson, J.N. (415) 181)

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Dexamethasone

Monoamine oxidase; Renal cortex; Development; (Rat) (Bompart, G. (415) 19)

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Renal artery; Acetylcholine; Endothelium (Alabadí, J.A. (415) 225)

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MAP kinase; Phosphatidylcholine-specific phospholipase C; Imidazoline I₁ receptor; PC12 Cell; Rilmenidine (Zhang, J. (415) 117)

Dilatation

CGRP receptor; Cerebral vessel; Human; cAMP production (Edvinsson, L. (415) 39)

Diltiazem, Cyclopiazonic acid

HMG-CoA reductase; Simvastatin; Ca^{2+} ; Ca^{2+} -ATPase (Álvarez de Sotomayor, M. (415) 217)

Donepezil

Cholinesterase inhibitor; E2030; Yawning; Fasciculation; (Rat) (Ogura, H. (415) 157)

Dorsal horn

Ca^{2+} channels, voltage-dependent; Neuropathic pain; T-type channel; Analgesia; Nociception (Matthews, E.A. (415) 141)

Dorsal root ganglia

Immunophilin; Rotamase; Neuroprotection; MPTP (1-methyl-4-phenyl 1,2,3,6 tetrahydropyridine); (Mouse) (Bocquet, A. (415) 173)

Doxorubicin

Cardiac trabeculae; Cardiotoxicity; Transduction pathways (De Beer, E.L. (415) 1)

Dysidrotic acid

Cytokine; Nitric oxide (NO); RAW 264.7; Zymosan; Air pouch, mouse (Posadas, I. (415) 285)

E2030

Cholinesterase inhibitor; Donepezil; Yawning; Fasciculation; (Rat) (Ogura, H. (415) 157)

EDHF (endothelium-derived hyperpolarizing factor)

2-Arachidonoylglycerol; Cannabinoid (Kagota, S. (415) 233)

Endothelin-1

Endothelin ET_A receptor; Endothelin ET_B receptor; Stroke-prone spontaneously hypertensive rat (SHRSP); Norepinephrine; Mesenteric artery, rat (Matsumura, Y. (415) 45)

Endothelin ET_A receptor

Endothelin-1; Endothelin ET_B receptor; Stroke-prone spontaneously hypertensive rat (SHRSP); Norepinephrine; Mesenteric artery, rat (Matsumura, Y. (415) 45)

Endothelin ET_B receptor

Endothelin-1; Endothelin ET_A receptor; Stroke-prone spontaneously hypertensive rat (SHRSP); Norepinephrine; Mesenteric artery, rat (Matsumura, Y. (415) 45)

Endothelium

Celiprolol; β -Adrenoceptor antagonist; Nitric oxide (NO); Coronary artery (Noda, K. (415) 209)

Diabetes; Renal artery; Acetylcholine (Alabadi, J.A. (415) 225)

Adenosine; Aorta, mouse; Xanthine; Purinoceptor (Prentice, D. (415) 251)

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Tail suspension test; Group housing; Single housing; Desipramine; (Mouse) (Karolewicz, B. (415) 197)

GABA_B receptor antagonist

Neocortex, rat; Baclofen; CGP 36216 (Ong, J. (415) 191)

GABA_A receptor channel, recombinant $\alpha_1\beta_2\gamma_2$

Glycine receptor channel, recombinant $\alpha_1\beta$; Patch-clamp technique; Rapid application; Riluzole (Mohammadi, B. (415) 135)

Gastrointestinal motility

Tachykinin NK_2 receptor antagonist; Nepadutant; Saredutant; Cardiovascular parameter; Respiratory effect; Migrating motor complex; (Rat); (Dog) (Giuliani, S. (415) 61)

Gingival overgrowth

Human gingival fibroblast; Nifedipine; Ca^{2+} channel blocker; Nitric oxide; Peroxynitrite (Fujimori, Y. (415) 95)

Glucose homeostasis

Ca^{2+} channel antagonist; Insulin secretion; Isoprenaline; Lipolysis; (Rabbit) (García-Barrado, M.J. (415) 105)

Glycine receptor channel, recombinant $\alpha_1\beta$

GABA_A receptor channel, recombinant $\alpha_1\beta_2\gamma_2$; Patch-clamp technique; Rapid application; Riluzole (Mohammadi, B. (415) 135)

Group housing

Forced swim test; Tail suspension test; Single housing; Desipramine; (Mouse) (Karolewicz, B. (415) 197)

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Myocarditis; Mast cell (Zong, Z.-p. (415) 51)

Guanylyl cyclase

Protoporphyrin-IX; TGR(mREN2)27 rat; Aorta (Jacke, K. (415) 27)

HMG-CoA reductase

Simvastatin; Ca^{2+} ; Ca^{2+} -ATPase; Diltiazem, Cyclopiazonic acid (Álvarez de Sotomayor, M. (415) 217)

Human

CGRP receptor; Cerebral vessel; cAMP production; Dilatation (Edvinsson, L. (415) 39)

Human gingival fibroblast

Nifedipine; Ca^{2+} channel blocker; Nitric oxide; Peroxynitrite; Gingival overgrowth (Fujimori, Y. (415) 95)

Hyperalgesia

Neuropathic pain; δ -Opioid receptor subtypes; Allodynia (Mika, J. (415) 31)

Hypocholesterolemic drug

Cholesterol turnover; Low density lipoprotein kinetics (Ouguerram, K. (415) 293)

Hypothyroidism

β -Adrenoceptors; Smooth muscle, ileal; Messenger RNA; relaxation (Brown, K.J. (415) 257)

Iberiotoxin

Ba^{2+} ; K^{+} channel, inward rectifier; Maxi- K^{+} channel; N-Acetylprocainamide; Procainamide; Smooth muscle, tracheal; (Bovine) (Nakahara, T. (415) 73)

Imidazoline I_1 receptor

MAP kinase; Phosphatidylcholine-specific phospholipase C; PC12 Cell; Diacylglycerol; Rilmenidine (Zhang, J. (415) 117)

Immunophilin

Rotamase; Dorsal root ganglia; Neuroprotection; MPTP (1-methyl-4-phenyl 1,2,3,6 tetrahydropyridine); (Mouse) (Bocquet, A. (415) 173)

Inositol phosphate

A23187; Ca^{2+} ionophore; Kupffer cell (Gandhi, C.R. (415) 13)

Inositol phospholipid

NG108-15 cell line; Pyrimidinoceptor; UTP-preferring receptor; Adenosine (Sak, K. (415) 127)

Insulin secretion

Ca^{2+} channel antagonist; Glucose homeostasis; Isoprenaline; Lipolysis; (Rabbit) (García-Barrado, M.J. (415) 105)

Ion transport, vectorial

Nepadutant; Tachykinin NK_2 receptor; Colon mucosa (rat) (Patacchini, R. (415) 277)

Ischaemia-induced arrhythmia

Preconditioning; Peroxynitrite; Urate; Nitrate level (Altup, S. (415) 239)

Isoprenaline

Ca^{2+} channel antagonist; Glucose homeostasis; Insulin secretion; Lipolysis; (Rabbit) (García-Barrado, M.J. (415) 105)

 K^+ channel, inward rectifier

Ba^{2+} ; Iberiotoxin; Maxi- K^+ channel; *N*-Acetylprocainamide; Procainamide; Smooth muscle, tracheal; (Bovine) (Nakahara, T. (415) 73)

Kupffer cell

A23187; Ca^{2+} ionophore; Inositol phosphate (Gandhi, C.R. (415) 13)

LDL (low density lipoprotein)

Chylomicron; Apo B_{48} ; Apo B_{100} ; Postprandial; Cynomolgus monkey; (Rhesus monkey) (Van Heek, M. (415) 79)

Lipolysis

Ca^{2+} channel antagonist; Glucose homeostasis; Insulin secretion; Isoprenaline; (Rabbit) (García-Barrado, M.J. (415) 105)

Low density lipoprotein kinetics

Hypocholesterolemic drug; Cholesterol turnover (Ouguerram, K. (415) 293)

MAP kinase

Phosphatidylcholine-specific phospholipase C; Imidazoline I_1 receptor; PC12 Cell; Diacylglycerol; Rilmenidine (Zhang, J. (415) 117)

Mast cell

Growth hormone; Myocarditis (Zong, Z.-p. (415) 51)

Maxi- K^+ channel

Ba^{2+} ; Iberiotoxin; K^+ channel, inward rectifier; *N*-Acetylprocainamide; Procainamide; Smooth muscle, tracheal; (Bovine) (Nakahara, T. (415) 73)

Melatonin

P2Y_1 receptor; Pineal gland; *N'*-acetyl-5-hydroxytryptamine production; Phospholipase C (Ferreira, Z.S. (415) 151)

CGRP (calcitonin gene-related peptide); Cerebral artery; Adenylate cyclase; Vascular tone; Cerebral circulation (Viswanathan, M. (415) 247)

Mesenteric artery, rat

Endothelin-1; Endothelin ET_A receptor; Endothelin ET_B receptor; Stroke-prone spontaneously hypertensive rat (SHRSP); Norepinephrine (Matsumura, Y. (415) 45)

Messenger RNA

β -Adrenoceptors; Smooth muscle, ileal; Hypothyroidism; relaxation (Brown, K.J. (415) 257)

Migrating motor complex

Tachykinin NK_2 receptor antagonist; Nepadutant; Saredutant; Cardiovascular parameter; Respiratory effect; Gastrointestinal motility; (Rat); (Dog) (Giuliani, S. (415) 61)

Monoamine oxidase

Dexamethasone; Renal cortex; Development; (Rat) (Bompart, G. (415) 19)

MPTP (1-methyl-4-phenyl 1,2,3,6 tetrahydropyridine)

Immunophilin; Rotamase; Dorsal root ganglia; Neuroprotection; (Mouse) (Bocquet, A. (415) 173)

Myocarditis

Growth hormone; Mast cell (Zong, Z.-p. (415) 51)

***N'*-acetyl-5-hydroxytryptamine production**

P2Y_1 receptor; Pineal gland; Melatonin; Phospholipase C (Ferreira, Z.S. (415) 151)

Neocortex, rat

GABA_B receptor antagonist; Baclofen; CGP 36216 (Ong, J. (415) 191)

Nepadutant

Tachykinin NK_2 receptor antagonist; Saredutant; Cardiovascular parameter; Respiratory effect; Gastrointestinal motility; Migrating motor complex; (Rat); (Dog) (Giuliani, S. (415) 61)

Tachykinin NK_2 receptor; Ion transport, vectorial; Colon mucosa (rat) (Patacchini, R. (415) 277)

Neuropathic pain

δ -Opioid receptor subtypes; Allodynia; Hyperalgesia (Mika, J. (415) 31)

Ca^{2+} channels, voltage-dependent; T-type channel; Analgesia; Nociception; Dorsal horn (Matthews, E.A. (415) 141)

Neuroprotection

Immunophilin; Rotamase; Dorsal root ganglia; MPTP (1-methyl-4-phenyl 1,2,3,6 tetrahydropyridine); (Mouse) (Bocquet, A. (415) 173)

NG108-15 cell line

Pyrimidinoceptor; UTP-preferring receptor; Inositol phospholipid; Adenosine (Sak, K. (415) 127)

Nifedipine

Human gingival fibroblast; Ca^{2+} channel blocker; Nitric oxide; Peroxynitrite; Gingival overgrowth (Fujimori, Y. (415) 95)

Nitrate level

Preconditioning; Peroxynitrite; Ischaemia-induced arrhythmia; Urate (Altup, S. (415) 239)

Nitric oxide

Human gingival fibroblast; Nifedipine; Ca^{2+} channel blocker; Peroxynitrite; Gingival overgrowth (Fujimori, Y. (415) 95)

Nitric oxide (NO)

Celiprolol; β -Adrenoceptor antagonist; Endothelium; Coronary artery (Noda, K. (415) 209)

Dysidrotic acid; Cytokine; RAW 264.7; Zymosan; Air pouch, mouse (Posadas, I. (415) 285)

Nociception

Ca²⁺ channels, voltage-dependent; Neuropathic pain; T-type channel; Analgesia; Dorsal horn (Matthews, E.A. (415) 141)

Norepinephrine

Endothelin-1; Endothelin ET_A receptor; Endothelin ET_B receptor; Stroke-prone spontaneously hypertensive rat (SHRSP); Mesenteric artery, rat (Matsumura, Y. (415) 45)

Opiate

Amygdala; Clonidine (Murphy, R. (415) R1)

κ-Opioid receptor

Ultrasonic vocalization; α₂-Adrenoceptor; Clonidine; U-50,488 (Nazarian, A. (415) 165)

δ-Opioid receptor subtypes

Neuropathic pain; Allodynia; Hyperalgesia (Mika, J. (415) 31)

Patch-clamp technique

GABA_A receptor channel, recombinant α₁β₂γ₂; Glycine receptor channel, recombinant α₁β; Rapid application; Riluzole (Mohammadi, B. (415) 135)

PC12 Cell

MAP kinase; Phosphatidylcholine-specific phospholipase C; Imidazoline I₁ receptor; Diacylglycerol; Rilmenidine (Zhang, J. (415) 117)

Peroxyinitrite

Human gingival fibroblast; Nifedipine; Ca²⁺ channel blocker; Nitric oxide; Gingival overgrowth (Fujimori, Y. (415) 95)

Preconditioning; Ischaemia-induced arrhythmia; Urate; Nitrate level (Altup, S. (415) 239)

Phosphatidylcholine-specific phospholipase C

MAP kinase; Imidazoline I₁ receptor; PC12 Cell; Diacylglycerol; Rilmenidine (Zhang, J. (415) 117)

Phospholipase C

P2Y₁ receptor; Pineal gland; *N*'-acetyl-5-hydroxytryptamine production; Melatonin (Ferreira, Z.S. (415) 151)

Pineal gland

P2Y₁ receptor; *N*'-acetyl-5-hydroxytryptamine production; Melatonin; Phospholipase C (Ferreira, Z.S. (415) 151)

Polymerase

ADP-ribose; Anti-inflammatory (Mazzon, E. (415) 85)

Postprandial

LDL (low density lipoprotein); Chylomicron; Apo B₄₈; Apo B₁₀₀; Cynomolgus monkey; (Rhesus monkey) (Van Heek, M. (415) 79)

Preconditioning

Peroxyinitrite; Ischaemia-induced arrhythmia; Urate; Nitrate level (Altup, S. (415) 239)

Procainamide

Ba²⁺; Iberiotoxin; K⁺ channel, inward rectifier; Maxi-K⁺ channel; *N*-Acetylprocainamide; Smooth muscle, tracheal; (Bovine) (Nakahara, T. (415) 73)

Protoporphyrin-IX

Guanylyl cyclase; TGR(mREN2)27 rat; Aorta (Jacke, K. (415) 27)

Purinoceptor

Adenosine; Aorta, mouse; Xanthine; Endothelium (Prentice, D. (415) 251)

P2Y₁ receptor

Pineal gland; *N*'-acetyl-5-hydroxytryptamine production; Melatonin; Phospholipase C (Ferreira, Z.S. (415) 151)

Pyrimidinoreceptor

NG108-15 cell line; UTP-preferring receptor; Inositol phospholipid; Adenosine (Sak, K. (415) 127)

Rapid application

GABA_A receptor channel, recombinant α₁β₂γ₂; Glycine receptor channel, recombinant α₁β; Patch-clamp technique; Riluzole (Mohammadi, B. (415) 135)

RAW 264.7

Dysidrotic acid; Cytokine; Nitric oxide (NO); Zymosan; Air pouch, mouse (Posadas, I. (415) 285)

Relapse

CRF (corticotropin-releasing factor); CRF receptor, antagonist; Stress; Cocaine; Conditioned place preference (Lu, L. (415) 203)

Relaxation

β-Adrenoceptors; Smooth muscle, ileal; Hypothyroidism; Messenger RNA (Brown, K.J. (415) 257)

Renal artery

Diabetes; Acetylcholine; Endothelium (Alabadí, J.A. (415) 225)

Renal cortex

Monoamine oxidase; Dexamethasone; Development; (Rat) (Bompart, G. (415) 19)

Respiratory effect

Tachykinin NK₂ receptor antagonist; Nepadutant; Saredutant; Cardiovascular parameter; Gastrointestinal motility; Migrating motor complex; (Rat); (Dog) (Giuliani, S. (415) 61)

Rilmenidine

MAP kinase; Phosphatidylcholine-specific phospholipase C; Imidazoline I₁ receptor; PC12 Cell; Diacylglycerol (Zhang, J. (415) 117)

Riluzole

GABA_A receptor channel, recombinant α₁β₂γ₂; Glycine receptor channel, recombinant α₁β; Patch-clamp technique; Rapid application (Mohammadi, B. (415) 135)

Rotamase

Immunophilin; Dorsal root ganglia; Neuroprotection; MPTP (1-methyl-4-phenyl 1,2,3,6 tetrahydropyridine); (Mouse) (Bocquet, A. (415) 173)

Saredutant

Tachykinin NK₂ receptor antagonist; Nepadutant; Cardiovascular parameter; Respiratory effect; Gastrointestinal motility; Migrating motor complex; (Rat); (Dog) (Giuliani, S. (415) 61)

Selectivity, functional experiment

α₁-Adrenoceptor; Subtype A, B and D; α₂-Adrenoceptor; AH11110A (Eltze, M. (415) 265)

Simvastatin

HMG-CoA reductase; Ca²⁺; Ca²⁺-ATPase; Diltiazem, Cyclopiazonic acid (Álvarez de Sotomayor, M. (415) 217)

Single housing

Forced swim test; Tail suspension test; Group housing; Desipramine; (Mouse) (Karolewicz, B. (415) 197)

Smooth muscle, ileal

β -Adrenoceptors; Hypothyroidism; Messenger RNA; relaxation (Brown, K.J. (415) 257)

Smooth muscle, tracheal

Ba^{2+} ; Iberiotoxin; K^+ channel, inward rectifier; Maxi- K^+ channel; *N*-Acetylprocainamide; Procainamide; (Bovine) (Nakahara, T. (415) 73)

Stress

CRF (corticotropin-releasing factor); CRF receptor, antagonist; Cocaine; Conditioned place preference; Relapse (Lu, L. (415) 203)

Stroke-prone spontaneously hypertensive rat (SHRSP)

Endothelin-1; Endothelin ET_A receptor; Endothelin ET_B receptor; Norepinephrine; Mesenteric artery, rat (Matsumura, Y. (415) 45)

Subtype A, B and D

α_1 -Adrenoceptor; α_2 -Adrenoceptor; AH11110A; Selectivity, functional experiment (Eltze, M. (415) 265)

Tachykinin NK_2 receptor

Nepadutant; Ion transport, vectorial; Colon mucosa (rat) (Patacchini, R. (415) 277)

Tachykinin NK_2 receptor antagonist

Nepadutant; Saredutant; Cardiovascular parameter; Respiratory effect; Gastrointestinal motility; Migrating motor complex; (Rat); (Dog) (Giuliani, S. (415) 61)

Tail suspension test

Forced swim test; Group housing; Single housing; Desipramine; (Mouse) (Karolewicz, B. (415) 197)

TGR(mREN2)27 rat

Guanylyl cyclase; Protoporphyrin-IX; Aorta (Jacke, K. (415) 27)

Tibial nerve injury

Analgesia; Cannabinoid CB_1 receptor (Siegling, A. (415) R5)

Transduction pathways

Doxorubicin; Cardiac trabeculae; Cardiotoxicity (De Beer, E.L. (415) 1)

T-type channel

Ca^{2+} channels, voltage-dependent; Neuropathic pain; Analgesia; Nociception; Dorsal horn (Matthews, E.A. (415) 141)

U-50,488

Ultrasonic vocalization; α_2 -Adrenoceptor; κ -Opioid receptor; Clonidine (Nazarian, A. (415) 165)

Ultrasonic vocalization

α_2 -Adrenoceptor; κ -Opioid receptor; Clonidine; U-50,488 (Nazarian, A. (415) 165)

Urate

Preconditioning; Peroxynitrite; Ischaemia-induced arrhythmia; Nitrate level (Altup, S. (415) 239)

UTP-preferring receptor

NG108-15 cell line; Pyrimidinoceptor; Inositol phospholipid; Adenosine (Sak, K. (415) 127)

Vascular tone

CGRP (calcitonin gene-related peptide); Melatonin; Cerebral artery; Adenylate cyclase; Cerebral circulation (Viswanathan, M. (415) 247)

Xanthine

Adenosine; Aorta, mouse; Purinoceptor; Endothelium (Prentice, D. (415) 251)

Yawning

Cholinesterase inhibitor; Donepezil; E2030; Fasciculation; (Rat) (Ogura, H. (415) 157)

Zopiclone

(*S*)-Desmethylzopiclone; Anxiolytic effect (Carlson, J.N. (415) 181)

Zymosan

Dysidrotic acid; Cytokine; Nitric oxide (NO); RAW 264.7; Air pouch, mouse (Posadas, I. (415) 285)