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A23187

Endothelium; Nitric oxide (NO); Coronary small artery; Acetylcholine; Apamin; K⁺ channel (Simonsen, U. (329) 153)

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Cyclooxygenase; Prostaglandin E₂; Polymorphonuclear leukocyte; Monocyte; Synovial cell (Yamazaki, R. (329) 181)

Acetylcholine

Endothelium; Nitric oxide (NO); Coronary small artery; A23187; Apamin; K⁺ channel (Simonsen, U. (329) 153)

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α_{1A}-Adrenoceptor

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GABA_C receptor; GABA (γ-aminobutyric acid); GABA_B receptor agonist; GABA_B receptor antagonist; *Xenopus* oocyte; *trans*-4-Aminocrotonic acid (Chebib, M. (329) 223)

trans-4-Aminocrotonic acid

GABA_C receptor; GABA (γ-aminobutyric acid); GABA_B receptor agonist; GABA_B receptor antagonist; *Xenopus* oocyte; *cis*-4-Aminocrotonic acid (Chebib, M. (329) 223)

Aminoguanidine

Nitric oxide (NO); Nitric oxide (NO) synthase; Portal vein ligation, rat; Portal hypertension (Michielsen, P.P. (329) 137)

AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid)

Ethanol; Spinal cord; Glutamate; GABA (γ-aminobutyric acid); NMDA (*N*-methyl-D-aspartate); Anesthesia (Wong, S.M.E. (329) 121)

AMPA receptor

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Anesthesia

Ethanol; Spinal cord; Glutamate; GABA (γ-aminobutyric acid); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); NMDA (*N*-methyl-D-aspartate) (Wong, S.M.E. (329) 121)

Anethole dithiolethione

Glutathione; Hydrogen peroxide; Oxidative stress; Astrocyte; Neurodegeneration (Drukarch, B. (329) 259)

Angioplasty

Tranilast; Muscle contraction; Restenosis (Ihara, T. (329) 43)

Antidepressant

YM992; 5-HT (5-hydroxytryptamine, serotonin) re-uptake inhibition; 5-HT_{2A} receptor antagonistic activity; Tail suspension test; Olfactory bulbectomized rat (Takeuchi, H. (329) 27)

Antisense oligodeoxynucleotide

c-fos; Formalin test; Hyperalgesia; Nociception; (Intrathecal) (Hou, W.-Y. (329) 17)

Antisense oligodeoxyribonucleotide

K⁺ channel; Food intake; K⁺ channel opener; K⁺ channel antagonist (Ghelardini, C. (329) 1)

Apamin

Endothelium; Nitric oxide (NO); Coronary small artery; Acetylcholine; A23187; K⁺ channel (Simonsen, U. (329) 153)

Apomorphine

Enantiomer; Biodistribution; Uptake, stereoselective, active (Sam, E. (329) 9)

ARL 67156

ATP; Ecto-ATPase; Purinergic; Urinary bladder (Westfall, T.D. (329) 169)

Astrocyte

Anethole dithiolethione; Glutathione; Hydrogen peroxide; Oxidative stress; Neurodegeneration (Drukarch, B. (329) 259)

α₁ subunit

GABA_A receptor; Mutation; Radioligand binding; Electrophysiology (Westh-Hansen, S.E. (329) 253)

ATP

Ecto-ATPase; ARL 67156; Purinergic; Urinary bladder (Westfall, T.D. (329) 169)

Baclofen

GABA_B receptor agonist; Thienyl baclofen analog; 2-Hydroxysaclofen; Neocortical slice, rat (Ong, J. (329) 133)

Benzodiazepine tolerance

Gene expression; Coordinate gene regulation (Holt, R.A. (329) 129)

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Neuropeptide Y receptor; Neuropeptide Y Y₁ receptor; Sympathetic stimulation; Mesenteric artery, human, inferior; Mesenteric vein, human, inferior (Racchi, H. (329) 79)

Biodistribution

Apomorphine; Enantiomer; Uptake, stereoselective, active (Sam, E. (329) 9)

Brush-border membrane vesicle

Adenosine transport, Na⁺-dependent; Cyclooxygenase; Prostanoid; Non-steroidal anti-inflammatory drug (NSAID) (González-Castillo, C. (329) 245)

Bufadienolide

Na⁺/K⁺ pump; Dorsal root ganglion cell; Cardiac cell; Na⁺/K⁺ ATPase isoform (Van der Walt, J.J. (329) 201)

Ca²⁺

Sauvagine; Urotensin I; Corticoliberin; CRF (corticotropin-releasing factor); Epithelium; Edema; Inositol trisphosphate; CRF receptor; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

Ca²⁺ channel

Nicotinic receptor; Forskolin; 1,9-Dideoxy-forskolin; Chromaffin cell (Gandía, L. (329) 189)

Cardiac cell

Bufadienolide; Na⁺/K⁺ pump; Dorsal root ganglion cell; Na⁺/K⁺ ATPase isoform (Van der Walt, J.J. (329) 201)

C-fiber

Codeine; Larynx; Trachea bifurcation; Mechanical stimulation; Cough, codeine-resistant; A-fiber (Takahama, K. (329) 93)

c-fos

Formalin test; Hyperalgesia; Nociception; Antisense oligodeoxynucleotide; (Intrathecal) (Hou, W.-Y. (329) 17)

Chloretylclonidine

α₁-Adrenoceptor, subtype; Endogenous noradrenaline; WB4101; Positive inotropic action; Myocardium, rabbit (Hattori, Y. (329) 165)

Choline acetyltransferase

Ginsenoside; Scopolamine; Maze; Septum, medial (Yamaguchi, Y. (329) 37)

Chromaffin cell

Nicotinic receptor; Forskolin; 1,9-Dideoxy-forskolin; Ca²⁺ channel (Gandía, L. (329) 189)

Codeine

Larynx; Trachea bifurcation; Mechanical stimulation; Cough, codeine-resistant; C-fiber; A-fiber (Takahama, K. (329) 93)

Coordinate gene regulation

Benzodiazepine tolerance; Gene expression (Holt, R.A. (329) 129)

Coronary small artery

Endothelium; Nitric oxide (NO); Acetylcholine; A23187; Apamin; K⁺ channel (Simonsen, U. (329) 153)

Corticoliberin

Sauvagine; Urotensin I; CRF (corticotropin-releasing factor); Epithelium; Edema; Ca²⁺; Inositol trisphosphate; CRF receptor; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

Cough, codeine-resistant

Codeine; Larynx; Trachea bifurcation; Mechanical stimulation; C-fiber; A-fiber (Takahama, K. (329) 93)

CRF (corticotropin-releasing factor)

Sauvagine; Urotensin I; Corticoliberin; Epithelium; Edema; Ca²⁺; Inositol trisphosphate; CRF receptor; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

CRF receptor

Sauvagine; Urotensin I; Corticoliberin; CRF (corticotropin-releasing factor); Epithelium; Edema; Ca²⁺; Inositol trisphosphate; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

Cyclooxygenase

Aceclofenac; Prostaglandin E₂; Polymorphonuclear leukocyte; Monocyte; Synovial cell (Yamazaki, R. (329) 181)

Adenosine transport, Na⁺-dependent; Brush-border membrane vesicle; Prostanoid; Non-steroidal anti-inflammatory drug (NSAID) (González-Castillo, C. (329) 245)

Diabetes mellitus

Adrenergic nerve; Nerve blood flow; Noradrenaline; Sciatic nerve, rat (Vo, P.A. (329) 147)

1,9-Dideoxy-forskolin

Nicotinic receptor; Forskolin; Chromaffin cell; Ca²⁺ channel (Gandía, L. (329) 189)

Dimaprit

Lingual artery, dog; Histamine H₁ receptor; 2-Pyridylethylamine; (Canula insertion method) (Chiba, S. (329) 63)

Dorsal root ganglion cell

Bufadienolide; Na⁺/K⁺ pump; Cardiac cell; Na⁺/K⁺ ATPase isoform (Van der Walt, J.J. (329) 201)

Ecto-ATPase

ATP; ARL 67156; Purinergic; Urinary bladder (Westfall, T.D. (329) 169)

Edema

Sauvagine; Urotensin I; Corticoliberin; CRF (corticotropin-releasing factor); Epithelium; Ca²⁺; Inositol trisphosphate; CRF receptor; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

Electrophysiology

GABA_A receptor; α₁ subunit; Mutation; Radioligand binding (Westhansen, S.E. (329) 253)

Enantiomer

Apomorphine; Biodistribution; Uptake, stereoselective, active (Sam, E. (329) 9)

Endogenous noradrenaline

α₁-Adrenoceptor, subtype; WB4101; Chloretylclonidine; Positive inotropic action; Myocardium, rabbit (Hattori, Y. (329) 165)

Endothelin ET_A receptor

Endothelin ET_B receptor; Organ culture; Reverse transcription-polymerase chain reaction; Up-regulation (Möller, S. (329) 69)

Endothelin ET_B receptor

Endothelin ET_A receptor; Organ culture; Reverse transcription-polymerase chain reaction; Up-regulation (Möller, S. (329) 69)

Endothelium

Nitric oxide (NO); Coronary small artery; Acetylcholine; A23187; Apamin; K⁺ channel (Simonsen, U. (329) 153)

Epithelium

Sauvagine; Urotensin I; Corticotiberin; CRF (corticotropin-releasing factor); Edema; Ca²⁺; Inositol trisphosphate; CRF receptor; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

Ethanol

Spinal cord; Glutamate; GABA (γ-aminobutyric acid); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); NMDA (N-methyl-D-aspartate); Anesthesia (Wong, S.M.E. (329) 121)

Flunarizine

Migraine; Nitric oxide (NO); Vasodilator nerve (Ayajiki, K. (329) 49)

(S)-5-Fluorowillardiine

AMPA receptor; Thiocyanate; (S)-AMPA ((S)-α-amino-3-hydroxy-5-methylisoxazole-4-propionic acid); (R,S)-AMPA ((R,S)-α-amino-3-hydroxy-5-methylisoxazole-4-propionic acid) (Hawkinson, J.E. (329) 213)

Food intake

K⁺ channel; Antisense oligodeoxyribonucleotide; K⁺ channel opener; K⁺ channel antagonist (Ghelardini, C. (329) 1)

Formalin test

c-fos; Hyperalgesia; Nociception; Antisense oligodeoxynucleotide; (Intrathecal) (Hou, W.-Y. (329) 17)

Forskolin

Nicotinic receptor; 1,9-Dideoxy-forskolin; Chromaffin cell; Ca²⁺ channel (Gandía, L. (329) 189)

GABA (γ-aminobutyric acid)

Ethanol; Spinal cord; Glutamate; AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); NMDA (N-methyl-D-aspartate); Anesthesia (Wong, S.M.E. (329) 121)

GABA_C receptor; GABA_B receptor agonist; GABA_B receptor antagonist; *Xenopus* oocyte; *trans*-4-Aminocrotonic acid; *cis*-4-Aminocrotonic acid (Chebib, M. (329) 223)

GABA_A receptor

α₁ subunit; Mutation; Radioligand binding; Electrophysiology (Westh-Hansen, S.E. (329) 253)

GABA_B receptor agonist

Baclofen; Thienyl baclofen analog; 2-Hydroxysaclofen; Neocortical slice, rat (Ong, J. (329) 133)

GABA_C receptor; GABA (γ-aminobutyric acid); GABA_B receptor antagonist; *Xenopus* oocyte; *trans*-4-Aminocrotonic acid; *cis*-4-Aminocrotonic acid (Chebib, M. (329) 223)

GABA_B receptor antagonist

GABA_C receptor; GABA (γ-aminobutyric acid); GABA_B receptor agonist; *Xenopus* oocyte; *trans*-4-Aminocrotonic acid; *cis*-4-Aminocrotonic acid (Chebib, M. (329) 223)

GABA_C receptor

GABA (γ-aminobutyric acid); GABA_B receptor agonist; GABA_B receptor antagonist; *Xenopus* oocyte; *trans*-4-Aminocrotonic acid; *cis*-4-Aminocrotonic acid (Chebib, M. (329) 223)

Galanin, analog

Galanin-(1–15)ol; Ileum contraction, neurally evoked, guinea-pig (Kakuyama, H. (329) 85)

Galanin-(1–15)ol

Galanin, analog; Ileum contraction, neurally evoked, guinea-pig (Kakuyama, H. (329) 85)

Gene expression

Benzodiazepine tolerance; Coordinate gene regulation (Holt, R.A. (329) 129)

Ginsenoside

Choline acetyltransferase; Scopolamine; Maze; Septum, medial (Yamaguchi, Y. (329) 37)

Glutamate

Ethanol; Spinal cord; GABA (γ-aminobutyric acid); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); NMDA (N-methyl-D-aspartate); Anesthesia (Wong, S.M.E. (329) 121)

Glutathione

Anethole dithiolethione; Hydrogen peroxide; Oxidative stress; Astrocyte; Neurodegeneration (Drukarch, B. (329) 259)

cGMP

K⁺ channel, Ca²⁺-activated; Iberiotoxin; Nitric oxide (NO); Okadaic acid; Phosphatase; Smooth muscle (Johansson Rydberg, I.G.M. (329) 175)

Hind limb, isolated perfused, rat

α_{1A}-Adrenoceptor (Zhu, W. (329) 55)

Hippocampus

5-HT receptor; Adenyl cyclase; Phosphoinositide hydrolysis; Raphe nucleus, dorsal; 5-HT_{1A} receptor (Johnson, R.G. (329) 99)

Histamine H₁ receptor

Lingual artery, dog; 2-Pyridylethylamine; Dimaprit; (Cannula insertion method) (Chiba, S. (329) 63)

5-HT (5-hydroxytryptamine, serotonin)

Respiratory network, central; Neonatal mouse; Serotonergic regulation; (In vitro) (Hilaire, G. (329) 115)

5-HT receptor

Adenyl cyclase; Phosphoinositide hydrolysis; Raphe nucleus, dorsal; Hippocampus; 5-HT_{1A} receptor (Johnson, R.G. (329) 99)

5-HT_{1A} receptor

5-HT receptor; Adenyl cyclase; Phosphoinositide hydrolysis; Raphe nucleus, dorsal; Hippocampus (Johnson, R.G. (329) 99)

5-HT_{2A} receptor antagonistic activity

YM992; Antidepressant; 5-HT (5-hydroxytryptamine, serotonin) re-uptake inhibition; Tail suspension test; Olfactory bulbectomized rat (Takeuchi, H. (329) 27)

5-HT (5-hydroxytryptamine, serotonin) re-uptake inhibition

YM992; Antidepressant; 5-HT_{2A} receptor antagonistic activity; Tail suspension test; Olfactory bulbectomized rat (Takeuchi, H. (329) 27)

Hydrogen peroxide

Anethole dithiolethione; Glutathione; Oxidative stress; Astrocyte; Neurodegeneration (Drukarch, B. (329) 259)

2-Hydroxysaclofen

Baclofen; GABA_B receptor agonist; Thienyl baclofen analog; Neocortical slice, rat (Ong, J. (329) 133)

Hyperalgesia

c-fos; Formalin test; Nociception; Antisense oligodeoxynucleotide; (Intrathecally) (Hou, W.-Y. (329) 17)

Hypoxia

Striatum; Xanthine; Purine; Transmitter release; Adenosine A₁ receptor (Jin, S. (329) 107)

Iberitoxin

K⁺ channel, Ca²⁺-activated; cGMP; Nitric oxide (NO); Okadaic acid; Phosphatase; Smooth muscle (Johansson Rydberg, I.G.M. (329) 175)

Ileum contraction, neurally evoked, guinea-pig

Galanin, analog; Galanin-(1–15)ol (Kakuyama, H. (329) 85)

Inositol trisphosphate

Sauvagine; Urotensin I; Corticotiberin; CRF (corticotropin-releasing factor); Epithelium; Edema; Ca²⁺; CRF receptor; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

K⁺ channel

Antisense oligodeoxyribonucleotide; Food intake; K⁺ channel opener; K⁺ channel antagonist (Ghelardini, C. (329) 1)

Endothelium; Nitric oxide (NO); Coronary small artery; Acetylcholine; A23187; Apamin (Simonsen, U. (329) 153)

K⁺ channel, Ca²⁺-activated

cGMP; Iberitoxin; Nitric oxide (NO); Okadaic acid; Phosphatase; Smooth muscle (Johansson Rydberg, I.G.M. (329) 175)

K⁺ channel antagonist

K⁺ channel; Antisense oligodeoxyribonucleotide; Food intake; K⁺ channel opener (Ghelardini, C. (329) 1)

K⁺ channel opener

K⁺ channel; Antisense oligodeoxyribonucleotide; Food intake; K⁺ channel antagonist (Ghelardini, C. (329) 1)

Larynx

Codeine; Trachea bifurcation; Mechanical stimulation; Cough, codeine-resistant; C-fiber; A-fiber (Takahama, K. (329) 93)

Lingual artery, dog

Histamine H₁ receptor; 2-Pyridylethylamine; Dimaprit; (Cannula insertion method) (Chiba, S. (329) 63)

Maze

Ginsenoside; Choline acetyltransferase; Scopolamine; Septum, medial (Yamaguchi, Y. (329) 37)

Mechanical stimulation

Codeine; Larynx; Trachea bifurcation; Cough, codeine-resistant; C-fiber; A-fiber (Takahama, K. (329) 93)

Mesenteric artery, human, inferior

BIBP 3226; Neuropeptide Y receptor; Neuropeptide Y Y₁ receptor; Sympathetic stimulation; Mesenteric vein, human, inferior (Racchi, H. (329) 79)

Mesenteric vein, human, inferior

BIBP 3226; Neuropeptide Y receptor; Neuropeptide Y Y₁ receptor; Sympathetic stimulation; Mesenteric artery, human, inferior (Racchi, H. (329) 79)

Migraine

Flunarizine; Nitric oxide (NO); Vasodilator nerve (Ayajiki, K. (329) 49)

Monocyte

Aceclofenac; Cyclooxygenase; Prostaglandin E₂; Polymorphonuclear leukocyte; Synovial cell (Yamazaki, R. (329) 181)

Muscle contraction

Tranilast; Restenosis; Angioplasty (Ihara, T. (329) 43)

Mutation

GABA_A receptor; α₁ subunit; Radioligand binding; Electrophysiology (Westh-Hansen, S.E. (329) 253)

Myocardium, rabbit

α₁-Adrenoceptor, subtype; Endogenous noradrenaline; WB4101; Chlorethylclonidine; Positive inotropic action (Hattori, Y. (329) 165)

Na⁺/K⁺ ATPase isoform

Bufadienolide; Na⁺/K⁺ pump; Dorsal root ganglion cell; Cardiac cell (Van der Walt, J.J. (329) 201)

Na⁺/K⁺ pump

Bufadienolide; Dorsal root ganglion cell; Cardiac cell; Na⁺/K⁺ ATPase isoform (Van der Walt, J.J. (329) 201)

Neocortical slice, rat

Baclofen; GABA_B receptor agonist; Thienyl baclofen analog; 2-Hydroxysaclofen (Ong, J. (329) 133)

Neonatal mouse

Respiratory network, central; Serotonergic regulation; 5-HT (5-hydroxytryptamine, serotonin); (In vitro) (Hilaire, G. (329) 115)

Nerve blood flow

Adrenergic nerve; Diabetes mellitus; Noradrenaline; Sciatic nerve, rat (Vo, P.A. (329) 147)

Neurodegeneration

Anethole dithiolethione; Glutathione; Hydrogen peroxide; Oxidative stress; Astrocyte (Drukarch, B. (329) 259)

Neuropeptide Y receptor

BIBP 3226; Neuropeptide Y Y₁ receptor; Sympathetic stimulation; Mesenteric artery, human, inferior; Mesenteric vein, human, inferior (Racchi, H. (329) 79)

Neuropeptide Y Y₁ receptor

BIBP 3226; Neuropeptide Y receptor; Sympathetic stimulation; Mesenteric artery, human, inferior; Mesenteric vein, human, inferior (Racchi, H. (329) 79)

Nicotinic receptor

Forskolin; 1,9-Dideoxy-forskolin; Chromaffin cell; Ca²⁺ channel (Gandia, L. (329) 189)

Nitric oxide (NO)

Endothelium; Coronary small artery; Acetylcholine; A23187; Apamin; K⁺ channel (Simonsen, U. (329) 153)

K⁺ channel, Ca²⁺-activated; cGMP; Iberitoxin; Okadaic acid; Phosphatase; Smooth muscle (Johansson Rydberg, I.G.M. (329) 175)

Migraine; Flunarizine; Vasodilator nerve (Ayajiki, K. (329) 49)

Nitric oxide (NO) synthase; Aminoguanidine; Portal vein ligation, rat; Portal hypertension (Michielsen, P.P. (329) 137)

Nitric oxide (NO) synthase

Nitric oxide (NO); Aminoguanidine; Portal vein ligation, rat; Portal hypertension (Michielsen, P.P. (329) 137)

NMDA (*N*-methyl-D-aspartate)

Ethanol; Spinal cord; Glutamate; GABA (γ -aminobutyric acid); AMPA (α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); Anesthesia (Wong, S.M.E. (329) 121)

Nociception

c-fos; Formalin test; Hyperalgesia; Antisense oligodeoxynucleotide; (Intrathecal) (Hou, W.-Y. (329) 17)

Non-steroidal anti-inflammatory drug (NSAID)

Adenosine transport, Na^+ -dependent; Brush-border membrane vesicle; Cyclooxygenase; Prostanoid (González-Castillo, C. (329) 245)

Noradrenaline

Adrenergic nerve; Diabetes mellitus; Nerve blood flow; Sciatic nerve, rat (Vo, P.A. (329) 147)

Nucleotide

UDP; P2Y_6 receptor (Robaye, B. (329) 231)

Okadaic acid

K^+ channel, Ca^{2+} -activated; cGMP; Iberitoxin; Nitric oxide (NO); Phosphatase; Smooth muscle (Johansson Rydberg, I.G.M. (329) 175)

Olfactory bulbectomized rat

YM992; Antidepressant; 5-HT (5-hydroxytryptamine, serotonin) re-uptake inhibition; 5-HT_{2A} receptor antagonistic activity; Tail suspension test (Takeuchi, H. (329) 27)

Organ culture

Endothelin ET_A receptor; Endothelin ET_B receptor; Reverse transcription-polymerase chain reaction; Up-regulation (Möller, S. (329) 69)

Oxidative stress

Anethole dithiolethione; Glutathione; Hydrogen peroxide; Astrocyte; Neurodegeneration (Drukarch, B. (329) 259)

Phosphatase

K^+ channel, Ca^{2+} -activated; cGMP; Iberitoxin; Nitric oxide (NO); Okadaic acid; Smooth muscle (Johansson Rydberg, I.G.M. (329) 175)

Phosphoinositide hydrolysis

5-HT receptor; Adenylyl cyclase; Raphe nucleus, dorsal; Hippocampus; 5-HT_{1A} receptor (Johnson, R.G. (329) 99)

Phosphorylation

Sauvagine; Urotensin I; Corticoliberin; CRF (corticotropin-releasing factor); Epithelium; Edema; Ca^{2+} ; Inositol trisphosphate; CRF receptor; Skin; Tyrosine (Kiang, J.G. (329) 237)

Polymorphonuclear leukocyte

Aceclofenac; Cyclooxygenase; Prostaglandin E₂; Monocyte; Synovial cell (Yamazaki, R. (329) 181)

Portal hypertension

Nitric oxide (NO); Nitric oxide (NO) synthase; Aminoguanidine; Portal vein ligation, rat (Michielsen, P.P. (329) 137)

Portal vein ligation, rat

Nitric oxide (NO); Nitric oxide (NO) synthase; Aminoguanidine; Portal hypertension (Michielsen, P.P. (329) 137)

Positive inotropic action

α_1 -Adrenoceptor, subtype; Endogenous noradrenaline; WB4101; Chlorethylclonidine; Myocardium, rabbit (Hattori, Y. (329) 165)

Prostaglandin E₂

Aceclofenac; Cyclooxygenase; Polymorphonuclear leukocyte; Monocyte; Synovial cell (Yamazaki, R. (329) 181)

Prostanoid

Adenosine transport, Na^+ -dependent; Brush-border membrane vesicle; Cyclooxygenase; Non-steroidal anti-inflammatory drug (NSAID) (González-Castillo, C. (329) 245)

Purine

Striatum; Hypoxia; Xanthine; Transmitter release; Adenosine A₁ receptor (Jin, S. (329) 107)

Purinergic

ATP; Ecto-ATPase; ARL 67156; Urinary bladder (Westfall, T.D. (329) 169)

P2Y₆ receptor

Nucleotide; UDP (Robaye, B. (329) 231)

2-Pyridylethylamine

Lingual artery, dog; Histamine H₁ receptor; Dimaprit; (Cannula insertion method) (Chiba, S. (329) 63)

Radioligand binding

GABA_A receptor; α_1 subunit; Mutation; Electrophysiology (Westh-Hansen, S.E. (329) 253)

Raphe nucleus, dorsal

5-HT receptor; Adenylyl cyclase; Phosphoinositide hydrolysis; Hippocampus; 5-HT_{1A} receptor (Johnson, R.G. (329) 99)

Respiratory network, central

Neonatal mouse; Serotonergic regulation; 5-HT (5-hydroxytryptamine, serotonin); (In vitro) (Hilaire, G. (329) 115)

Restenosis

Tranilast; Muscle contraction; Angioplasty (Ihara, T. (329) 43)

Reverse transcription-polymerase chain reaction

Endothelin ET_A receptor; Endothelin ET_B receptor; Organ culture; Up-regulation (Möller, S. (329) 69)

Sauvagine

Urotensin I; Corticoliberin; CRF (corticotropin-releasing factor); Epithelium; Edema; Ca^{2+} ; Inositol trisphosphate; CRF receptor; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

Sciatic nerve, rat

Adrenergic nerve; Diabetes mellitus; Nerve blood flow; Noradrenaline (Vo, P.A. (329) 147)

Scopolamine

Ginsenoside; Choline acetyltransferase; Maze; Septum, medial (Yamaguchi, Y. (329) 37)

Septum, medial

Ginsenoside; Choline acetyltransferase; Scopolamine; Maze (Yamaguchi, Y. (329) 37)

Serotonergic regulation

Respiratory network, central; Neonatal mouse; 5-HT (5-hydroxytryptamine, serotonin); (In vitro) (Hilaire, G. (329) 115)

Skin

Sauvagine; Urotensin I; Corticoliberin; CRF (corticotropin-releasing factor); Epithelium; Edema; Ca^{2+} ; Inositol trisphosphate; CRF receptor; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

Smooth muscle

K^+ channel, Ca^{2+} -activated; cGMP; Iberitoxin; Nitric oxide (NO); Okadaic acid; Phosphatase (Johansson Rydberg, I.G.M. (329) 175)

Spinal cord

Ethanol; Glutamate; GABA (γ -aminobutyric acid); AMPA (α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); NMDA (*N*-methyl-D-aspartate); Anesthesia (Wong, S.M.E. (329) 121)

Striatum

Hypoxia; Xanthine; Purine; Transmitter release; Adenosine A_1 receptor (Jin, S. (329) 107)

Sympathetic stimulation

BIBP 3226; Neuropeptide Y receptor; Neuropeptide Y Y_1 receptor; Mesenteric artery, human, inferior; Mesenteric vein, human, inferior (Racchi, H. (329) 79)

Synovial cell

Aceclofenac; Cyclooxygenase; Prostaglandin E_2 ; Polymorphonuclear leukocyte; Monocyte (Yamazaki, R. (329) 181)

Tail suspension test

YM992; Antidepressant; 5-HT (5-hydroxytryptamine, serotonin) re-uptake inhibition; 5-HT $_{2A}$ receptor antagonistic activity; Olfactory bulbectomized rat (Takeuchi, H. (329) 27)

Thienyl baclofen analog

Baclofen; GABA $_B$ receptor agonist; 2-Hydroxysaclofen; Neocortical slice, rat (Ong, J. (329) 133)

Thiocyanate

AMPA receptor; (*S*)-5-Fluorowillardiine; (*S*)-AMPA ((*S*)- α -amino-3-hydroxy-5-methylisoxazole-4-propionic acid); (*R,S*)-AMPA ((*R,S*)- α -amino-3-hydroxy-5-methylisoxazole-4-propionic acid) (Hawkinson, J.E. (329) 213)

Trachea bifurcation

Codeine; Larynx; Mechanical stimulation; Cough, codeine-resistant; C-fiber; A-fiber (Takahama, K. (329) 93)

Tranilast

Muscle contraction; Restenosis; Angioplasty (Ihara, T. (329) 43)

Transmitter release

Striatum; Hypoxia; Xanthine; Purine; Adenosine A_1 receptor (Jin, S. (329) 107)

Tyrosine

Sauvagine; Urotensin I; Corticoliberin; CRF (corticotropin-releasing factor); Epithelium; Edema; Ca^{2+} ; Inositol trisphosphate; CRF receptor; Skin; Phosphorylation (Kiang, J.G. (329) 237)

UDP

Nucleotide; P2Y $_6$ receptor (Robaye, B. (329) 231)

Up-regulation

Endothelin ET $_A$ receptor; Endothelin ET $_B$ receptor; Organ culture; Reverse transcription-polymerase chain reaction (Möller, S. (329) 69)

Uptake, stereoselective, active

Apomorphine; Enantiomer; Biodistribution (Sam, E. (329) 9)

Urinary bladder

ATP; Ecto-ATPase; ARL 67156; Purinergic (Westfall, T.D. (329) 169)

Urotensin I

Sauvagine; Corticoliberin; CRF (corticotropin-releasing factor); Epithelium; Edema; Ca^{2+} ; Inositol trisphosphate; CRF receptor; Skin; Tyrosine; Phosphorylation (Kiang, J.G. (329) 237)

Vasodilator nerve

Migraine; Flunarizine; Nitric oxide (NO) (Ayajiki, K. (329) 49)

WB4101

α_1 -Adrenoceptor, subtype; Endogenous noradrenaline; Chlorethylclonidine; Positive inotropic action; Myocardium, rabbit (Hattori, Y. (329) 165)

Xanthine

Striatum; Hypoxia; Purine; Transmitter release; Adenosine A_1 receptor (Jin, S. (329) 107)

Xenopus oocyte

GABA $_C$ receptor; GABA (γ -aminobutyric acid); GABA $_B$ receptor agonist; GABA $_B$ receptor antagonist; *trans*-4-Aminocrotonic acid; *cis*-4-Aminocrotonic acid (Chebib, M. (329) 223)

YM992

Antidepressant; 5-HT (5-hydroxytryptamine, serotonin) re-uptake inhibition; 5-HT $_{2A}$ receptor antagonistic activity; Tail suspension test; Olfactory bulbectomized rat (Takeuchi, H. (329) 27)