

Keyword index

Acetylcholine

Nerve growth factor (NGF); Dopamine receptor; Cognition; Extrapyrimal symptom (Ozaki, T. (402) 39)

Neuroinflammation; Forebrain basal; Caspase; Non-steroidal anti-inflammatory drug; (Rat) (Wenk, G.L. (402) 77)

Airway epithelium; Smooth muscle, airway; Nitric oxide (NO); Indomethacin; Airway segment (McParland, B.E. (402) 151)

Air pouch

Leukotriene B₄; Leukocyte infiltration; Collagen-induced arthritis; Interleukin-1; LY293111Na (Kuwabara, K. (402) 275)

Airway epithelium

Acetylcholine; Smooth muscle, airway; Nitric oxide (NO); Indomethacin; Airway segment (McParland, B.E. (402) 151)

Airway segment

Acetylcholine; Airway epithelium; Smooth muscle, airway; Nitric oxide (NO); Indomethacin (McParland, B.E. (402) 151)

Allodynia

Antinociception; Diuresis; Dynorphin; κ -Opioid receptors; Sedation (Ko, M.C.H. (402) 69)

Amrinone

Ischaemia; Reperfusion injury; (Rat) (Rechtman, M.P. (402) 255)

Angiogenesis

Chymase; Mast cell; Compound 48/80; Granuloma (Muramatsu, M. (402) 181)

Antiarrhythmic drug

Inward rectifier K⁺ channel; Maxi-K⁺ channel; Smooth muscle; (Bovine) (Nakahara, T. (402) 143)

Antidepressant

Melatonin; Forced-swim test; Sex difference; Depression (Brotto, L.A. (402) 87)

Antinociception

Allodynia; Diuresis; Dynorphin; κ -Opioid receptors; Sedation (Ko, M.C.H. (402) 69)

Aortic endothelial cell, bovine

Lipopolysaccharide, bacterial; Bradykinin receptor; Microphysiometer; FR173657 (Bentley, K.R. (402) 11)

AP-1 (activator protein-1)

Hyperalgesia; Complete Freund adjuvant; NF- κ B (nuclear factor kappa B); Octamer factor; NO (nitric oxide) synthase, neuronal (Chan, C.-F. (402) 61)

Apomorphine

Prepulse inhibition; Phencyclidine; σ 1 Receptor ligand; MS-377 (Yamada, S. (402) 251)

Apoptosis

Cardiac ischemia; Infarct; Caspase inhibitor; Reperfusion injury (Huang, J.-Q. (402) 139)

Asthma

TEI-9874; Immunoglobulin E (Nonaka, T. (402) 287)

Atrium

cAMP; Pituitary adenylate cyclase activating polypeptide (PACAP) (Cui, X. (402) 129)

Ba²⁺

Cell death; Cytotoxicity; Cytoprotection; Chromaffin cell; Ca²⁺ channel antagonist (Cano-Abad, M.F. (402) 19)

Big-endothelin-1

Chronic hypoxia; Lung; Endothelin-1; Sarafotoxin-6C; Pulmonary vasoconstriction; Pulmonary vasodilation; Bronchoconstriction; Endothelin ET_B receptor; (Rat) (Lal, H. (402) 101)

Binding affinity

Muscarinic receptor subtype; Ileum, avian; Functional affinity (Darroch, S. (402) 161)

Bradykinin receptor

Lipopolysaccharide, bacterial; Microphysiometer; Aortic endothelial cell, bovine; FR173657 (Bentley, K.R. (402) 11)

Bronchoconstriction

Chronic hypoxia; Lung; Endothelin-1; Big-endothelin-1; Sarafotoxin-6C; Pulmonary vasoconstriction; Pulmonary vasodilation; Endothelin ET_B receptor; (Rat) (Lal, H. (402) 101)

Ca²⁺ channel antagonist

Ba²⁺; Cell death; Cytotoxicity; Cytoprotection; Chromaffin cell (Cano-Abad, M.F. (402) 19)

Ca²⁺ mobilisation

Muscarinic receptor; Sphingosine 1-phosphate; Dimethylsphingosine; Ins(1,4,5)P₃; SH-SY5Y neuroblastoma cell (Young, K.W. (402) 55)

cAMP

Atrium; Pituitary adenylate cyclase activating polypeptide (PACAP) (Cui, X. (402) 129)

cAMP accumulation

μ -Opioid receptor; Orphanin FQ/nociceptin (Mandyam, C.D. (402) 205)

Cardiac ischemia

Apoptosis; Infarct; Caspase inhibitor; Reperfusion injury (Huang, J.-Q. (402) 139)

Caspase

Neuroinflammation; Forebrain basal; Acetylcholine; Non-steroidal anti-inflammatory drug; (Rat) (Wenk, G.L. (402) 77)

Caspase inhibitor

Apoptosis; Cardiac ischemia; Infarct; Reperfusion injury (Huang, J.-Q. (402) 139)

Catecholamine

Self-administration; Epinephrine; Norepinephrine; Corticosterone; Smoking; Nicotine (Donny, E.C. (402) 231)

Cell death

Ba²⁺; Cytotoxicity; Cytoprotection; Chromaffin cell; Ca²⁺ channel antagonist (Cano-Abad, M.F. (402) 19)

Chromaffin cell

Ba²⁺; Cell death; Cytotoxicity; Cytoprotection; Ca²⁺ channel antagonist (Cano-Abad, M.F. (402) 19)

Chronic hypoxia

Lung; Endothelin-1; Big-endothelin-1; Sarafotoxin-6C; Pulmonary vasoconstriction; Pulmonary vasodilation; Bronchoconstriction; Endothelin ET_B receptor; (Rat) (Lal, H. (402) 101)

Chymase

Mast cell; Angiogenesis; Compound 48/80; Granuloma (Muramatsu, M. (402) 181)

Coagulation

Thrombin; Coronary artery disease; (Human) (Pothula, A. (402) 1)

Cocaine

Muscarinic receptor agonist; Self-administration; Drug-naive; (Mouse) (Rasmussen, T. (402) 241)

Coeliac ganglion

Nicotine; Noradrenaline release; Stomach, rat; Nicotinic receptor (Yokotani, K. (402) 223)

Cognition

Nerve growth factor (NGF); Dopamine receptor; Acetylcholine; Extrapyramidal symptom (Ozaki, T. (402) 39)

Collagen-induced arthritis

Leukotriene B₄; Air pouch; Leukocyte infiltration; Interleukin-1; LY293111Na (Kuwabara, K. (402) 275)

Complete Freund adjuvant

Hyperalgesia; NF-κB (nuclear factor kappa B); AP-1 (activator protein-1); Octamer factor; NO (nitric oxide) synthase, neuronal (Chan, C.-F. (402) 61)

Compound 48/80

Chymase; Mast cell; Angiogenesis; Granuloma (Muramatsu, M. (402) 181)

Connective tissue mast cell; Mast cell-deficient (Ws/Ws) rat; Tracheal contraction; 5-HT (5-hydroxytryptamine, serotonin); Histamine (Ikawati, Z. (420) 297)

Connective tissue mast cell

Compound 48/80; Mast cell-deficient (Ws/Ws) rat; Tracheal contraction; 5-HT (5-hydroxytryptamine, serotonin); Histamine (Ikawati, Z. (420) 297)

Coronary artery

Urotensin II; Vasodilatation (Katano, Y. (402) 209)

Coronary artery disease

Thrombin; Coagulation; (Human) (Pothula, A. (402) 1)

Coronary bed

Dual coronary perfusion method; Perfusion cannula (Coetzee, W.A. (402) 263)

Corticosterone

Self-administration; Catecholamine; Epinephrine; Norepinephrine; Smoking; Nicotine (Donny, E.C. (402) 231)

Cytoprotection

Ba²⁺; Cell death; Cytotoxicity; Chromaffin cell; Ca²⁺ channel antagonist (Cano-Abad, M.F. (402) 19)

Cytotoxicity

Ba²⁺; Cell death; Cytoprotection; Chromaffin cell; Ca²⁺ channel antagonist (Cano-Abad, M.F. (402) 19)

Depression

Melatonin; Forced-swim test; Antidepressant; Sex difference (Brotto, L.A. (402) 87)

Dimethylsphingosine

Muscarinic receptor; Sphingosine 1-phosphate; Ins(1,4,5)P₃; Ca²⁺ mobilisation; SH-SY5Y neuroblastoma cell (Young, K.W. (402) 55)

Diuresis

Allodynia; Antinociception; Dynorphin; κ-Opioid receptors; Sedation (Ko, M.C.H. (402) 69)

Dopamine receptor

Nerve growth factor (NGF); Acetylcholine; Cognition; Extrapyramidal symptom (Ozaki, T. (402) 39)

Drug-naive

Muscarinic receptor agonist; Cocaine; Self-administration; (Mouse) (Rasmussen, T. (402) 241)

Dual coronary perfusion method

Coronary bed; Perfusion cannula (Coetzee, W.A. (402) 263)

Dynorphin

Allodynia; Antinociception; Diuresis; κ-Opioid receptors; Sedation (Ko, M.C.H. (402) 69)

Egr-1 (zif-268)

MDMA (3,4-methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin) transporter; Immediate-early gene (Shirayama, Y. (402) 215)

Endothelin-1

Chronic hypoxia; Lung; Big-endothelin-1; Sarafotoxin-6C; Pulmonary vasoconstriction; Pulmonary vasodilation; Bronchoconstriction; Endothelin ET_B receptor; (Rat) (Lal, H. (402) 101)

Endothelin ET_B receptor

Chronic hypoxia; Lung; Endothelin-1; Big-endothelin-1; Sarafotoxin-6C; Pulmonary vasoconstriction; Pulmonary vasodilation; Bronchoconstriction; (Rat) (Lal, H. (402) 101)

Endothelium

Oxidant stress; Nitric oxide (NO); Insulin resistance; Obese Zucker rat (Laight, D.W. (402) 95)

Endothelium-derived hyperpolarizing factor (EDHF); Ouabain; 18 α -Glycyrrhetic acid; Gap junctions; K⁺ (Harris, D. (402) 119)

Endothelium-derived hyperpolarizing factor (EDHF)

Ouabain; 18 α -Glycyrrhetic acid; Gap junctions; K⁺; Endothelium (Harris, D. (402) 119)

Epinephrine

Self-administration; Catecholamine; Norepinephrine; Corticosterone; Yoking; Nicotine (Donny, E.C. (402) 231)

Extrapyramidal symptom

Nerve growth factor (NGF); Dopamine receptor; Acetylcholine; Cognition (Ozaki, T. (402) 39)

Food intake

Nitric oxide (NO); 8-OH-DPAT (8-hydroxy-2-di-*n*-(propylamino)tetralin); 5-HT (5-hydroxytryptamine, serotonin); *N*^G-nitro-L-arginine methyl ester (L-NAME); Hypothalamus (Yamada, J. (402) 247)

Forced-swim test

Melatonin; Antidepressant; Sex difference; Depression (Brotto, L.A. (402) 87)

Forebrain basal

Neuroinflammation; Acetylcholine; Caspase; Non-steroidal anti-inflammatory drug; (Rat) (Wenk, G.L. (402) 77)

FR173657

Lipopolysaccharide, bacterial; Bradykinin receptor; Microphysiometer; Aortic endothelial cell, bovine (Bentley, K.R. (402) 11)

Functional affinity

Muscarinic receptor subtype; Ileum, avian; Binding affinity (Darroch, S. (402) 161)

Gap junctions

Endothelium-derived hyperpolarizing factor (EDHF); Ouabain; 18 α -Glycyrrhetic acid; K⁺; Endothelium (Harris, D. (402) 119)

Glucagon

Sodium tungstate; Insulin; Pancreas, rat (Rodríguez-Gallardo, J. (402) 199)

Glycine receptor

5-HT₃ receptor antagonist; Potentiation; Interaction; Pharmacophore model; Selectivity (Chesnoy-Marchais, D. (402) 205)

18 α -Glycyrrhetic acid

Endothelium-derived hyperpolarizing factor (EDHF); Ouabain; Gap junctions; K⁺; Endothelium (Harris, D. (402) 119)

Granuloma

Chymase; Mast cell; Angiogenesis; Compound 48/80 (Muramatsu, M. (402) 181)

Histamine

Compound 48/80; Connective tissue mast cell; Mast cell-deficient (Ws/Ws) rat; Tracheal contraction; 5-HT (5-hydroxytryptamine, serotonin) (Ikawati, Z. (420) 297)

5-HT (5-hydroxytryptamine, serotonin) transporter

MDMA (3,4-methylenedioxymethamphetamine); Egr-1 (zif-268); Immediate-early gene (Shirayama, Y. (402) 215)

5-HT (5-hydroxytryptamine, serotonin)

Nitric oxide (NO); 8-OH-DPAT (8-hydroxy-2-di-*n*-(propylamino)tetralin); Food intake; *N*^G-nitro-L-arginine methyl ester (L-NAME); Hypothalamus (Yamada, J. (402) 247)

Compound 48/80; Connective tissue mast cell; Mast cell-deficient (Ws/Ws) rat; Tracheal contraction; Histamine (Ikawati, Z. (420) 297)

5-HT₃ receptor antagonist

Glycine receptor; Potentiation; Interaction; Pharmacophore model; Selectivity (Chesnoy-Marchais, D. (402) 205)

Hyperalgesia

Complete Freund adjuvant; NF- κ B (nuclear factor kappa B); AP-1 (activator protein-1); Octamer factor; NO (nitric oxide) synthase, neuronal (Chan, C.-F. (402) 61)

Hypothalamus

Nitric oxide (NO); 8-OH-DPAT (8-hydroxy-2-di-*n*-(propylamino)tetralin); Food intake; 5-HT (5-hydroxytryptamine, serotonin); *N*^G-nitro-L-arginine methyl ester (L-NAME) (Yamada, J. (402) 247)

Hypoxic pulmonary vasoconstriction

Nitric oxide (NO); Pulmonary arterial tone; L-NAME; *N*- γ -nitro-L-arginine methyl ester; Prostaglandin F_{2 α} (Jones, R.D. (402) 111)

Ileum, avian

Muscarinic receptor subtype; Binding affinity; Functional affinity (Darroch, S. (402) 161)

Immediate-early gene

MDMA (3,4-methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin) transporter; Egr-1 (zif-268) (Shirayama, Y. (402) 215)

Immunoglobulin E

Asthma; TEI-9874 (Nonaka, T. (402) 287)

Indomethacin

Acetylcholine; Airway epithelium; Smooth muscle, airway; Nitric oxide (NO); Airway segment (McParland, B.E. (402) 151)

Infarct

Apoptosis; Cardiac ischemia; Caspase inhibitor; Reperfusion injury (Huang, J.-Q. (402) 139)

Ins(1,4,5)P₃

Muscarinic receptor; Sphingosine 1-phosphate; Dimethylsphingosine; Ca²⁺ mobilisation; SH-SY5Y neuroblastoma cell (Young, K.W. (402) 55)

Insulin

Sodium tungstate; Glucagon; Pancreas, rat (Rodríguez-Gallardo, J. (402) 199)

Insulin resistance

Oxidant stress; Endothelium; Nitric oxide (NO); Obese Zucker rat (Laight, D.W. (402) 95)

Interaction

Glycine receptor; 5-HT₃ receptor antagonist; Potentiation; Pharmacophore model; Selectivity (Chesnoy-Marchais, D. (402) 205)

Interleukin-1

Leukotriene B₄; Air pouch; Leukocyte infiltration; Collagen-induced arthritis; LY293111Na (Kuwabara, K. (402) 275)

Inward rectifier K⁺ channel

Antiarrhythmic drug; Maxi-K⁺ channel; Smooth muscle; (Bovine) (Nakahara, T. (402) 143)

Ischaemia

Amrinone; Reperfusion injury; (Rat) (Rechtman, M.P. (402) 255)

Isolated lung, guinea pig

ORL1 receptors; Nociceptin/orphanin FQ; ORL1 receptor antagonist (Corboz, M.R. (402) 171)

K⁺

Endothelium-derived hyperpolarizing factor (EDHF); Ouabain; 18 α -Glycyrrhetic acid; Gap junctions; Endothelium (Harris, D. (402) 119)

Leukocyte infiltration

Leukotriene B₄; Air pouch; Collagen-induced arthritis; Interleukin-1; LY293111Na (Kuwabara, K. (402) 275)

Leukotriene B₄

Air pouch; Leukocyte infiltration; Collagen-induced arthritis; Interleukin-1; LY293111Na (Kuwabara, K. (402) 275)

Leukotrienes

Nitric oxide (NO); Vascular permeability; Vascular endothelium; Neutrophil granulocytes; Platelet-activating factor (PAF); Thromboxanes; Vasopressin; Surgery (Pávó, I. (402) 193)

Lipopolysaccharide, bacterial

Bradykinin receptor; Microphysiometer; Aortic endothelial cell, bovine; FR173657 (Bentley, K.R. (402) 11)

Lung

Chronic hypoxia; Endothelin-1; Big-endothelin-1; Sarafotoxin-6C; Pulmonary vasoconstriction; Pulmonary vasodilation; Bronchoconstriction; Endothelin ET_B receptor; (Rat) (Lal, H. (402) 101)

LY293111Na

Leukotriene B₄; Air pouch; Leukocyte infiltration; Collagen-induced arthritis; Interleukin-1 (Kuwabara, K. (402) 275)

Mast cell

Chymase; Angiogenesis; Compound 48/80; Granuloma (Muramatsu, M. (402) 181)

Mast cell-deficient (Ws/Ws) rat

Compound 48/80; Connective tissue mast cell; Tracheal contraction; 5-HT (5-hydroxytryptamine, serotonin); Histamine (Ikawati, Z. (420) 297)

Maxi-K⁺ channel

Antiarrhythmic drug; Inward rectifier K⁺ channel; Smooth muscle; (Bovine) (Nakahara, T. (402) 143)

MDMA (3,4-methylenedioxymethamphetamine)

5-HT (5-hydroxytryptamine, serotonin) transporter; Egr-1 (zif-268); Immediate-early gene (Shirayama, Y. (402) 215)

Melatonin

Forced-swim test; Antidepressant; Sex difference; Depression (Brotto, L.A. (402) 87)

Microphysiometer

Lipopolysaccharide, bacterial; Bradykinin receptor; Aortic endothelial cell, bovine; FR173657 (Bentley, K.R. (402) 11)

MS-377

Prepulse inhibition; Apomorphine; Phencyclidine; σ 1 Receptor ligand (Yamada, S. (402) 251)

Muscarinic receptor

Sphingosine 1-phosphate; Dimethylsphingosine; Ins(1,4,5)P₃; Ca²⁺ mobilisation; SH-SY5Y neuroblastoma cell (Young, K.W. (402) 55)

Muscarinic receptor agonist

Cocaine; Self-administration; Drug-naïve; (Mouse) (Rasmussen, T. (402) 241)

Muscarinic receptor subtype

Ileum, avian; Binding affinity; Functional affinity (Darroch, S. (402) 161)

NAALADase inhibition (N-acetylated- α -linked-acidic dipeptidase)

Stroke; Neuroprotection; (Rat) (Tortella, F.C. (402) 31)

L-NAME

Nitric oxide (NO); Hypoxic pulmonary vasoconstriction; Pulmonary arterial tone; N- γ -nitro-L-arginine methyl ester; Prostaglandin F_{2 α} (Jones, R.D. (402) 111)

N^G-nitro-L-arginine methyl ester (L-NAME)

Nitric oxide (NO); 8-OH-DPAT (8-hydroxy-2-di-n-(propylamino)tetralin); Food intake; 5-HT (5-hydroxytryptamine, serotonin); Hypothalamus (Yamada, J. (402) 247)

Nerve growth factor (NGF)

Dopamine receptor; Acetylcholine; Cognition; Extrapyramidal symptom (Ozaki, T. (402) 39)

Neuroinflammation

Forebrain basal; Acetylcholine; Caspase; Non-steroidal anti-inflammatory drug; (Rat) (Wenk, G.L. (402) 77)

Neuroprotection

NAALADase inhibition (N-acetylated- α -linked-acidic dipeptidase); Stroke; (Rat) (Tortella, F.C. (402) 31)

Neutrophil granulocytes

Nitric oxide (NO); Vascular permeability; Vascular endothelium; Platelet-activating factor (PAF); Thromboxanes; Leukotrienes; Vasopressin; Surgery (Pávó, I. (402) 193)

NF- κ B (nuclear factor kappa B)

Hyperalgesia; Complete Freund adjuvant; AP-1 (activator protein-1); Octamer factor; NO (nitric oxide) synthase, neuronal (Chan, C.-F. (402) 61)

N- γ -nitro-L-arginine methyl ester

Nitric oxide (NO); Hypoxic pulmonary vasoconstriction; Pulmonary arterial tone; L-NAME; Prostaglandin F_{2 α} (Jones, R.D. (402) 111)

Nicotine

Coeliac ganglion; Noradrenaline release; Stomach, rat; Nicotinic receptor (Yokotani, K. (402) 223)

Self-administration; Catecholamine; Epinephrine; Norepinephrine; Corticosterone; Yoking (Donny, E.C. (402) 231)

Nicotinic receptor

Coeliac ganglion; Nicotine; Noradrenaline release; Stomach, rat (Yokotani, K. (402) 223)

Nitric oxide (NO)

Oxidant stress; Endothelium; Insulin resistance; Obese Zucker rat (Laight, D.W. (402) 95)

Hypoxic pulmonary vasoconstriction; Pulmonary arterial tone; L-NAME; *N*- γ -nitro-L-arginine methyl ester; Prostaglandin F_{2 α} (Jones, R.D. (402) 111)

Acetylcholine; Airway epithelium; Smooth muscle, airway; Indomethacin; Airway segment (McParland, B.E. (402) 151)

Vascular permeability; Vascular endothelium; Neutrophil granulocytes; Platelet-activating factor (PAF); Thromboxanes; Leukotrienes; Vasopressin; Surgery (Pávó, I. (402) 193)

8-OH-DPAT (8-hydroxy-2-di-*n*-(propylamino)tetralin); Food intake; 5-HT (5-hydroxytryptamine, serotonin); *N*^G-nitro-L-arginine methyl ester (L-NAME); Hypothalamus (Yamada, J. (402) 247)

Nociceptin /orphanin FQ

ORL1 receptor; Opioid (Ozaki, S. (402) 45)

Isolated lung, guinea pig; ORL1 receptors; ORL1 receptor antagonist (Corboz, M.R. (402) 171)

NO (nitric oxide) synthase, neuronal

Hyperalgesia; Complete Freund adjuvant; NF- κ B (nuclear factor kappa B); AP-1 (activator protein-1); Octamer factor (Chan, C.-F. (402) 61)

Non-steroidal anti-inflammatory drug

Neuroinflammation; Forebrain basal; Acetylcholine; Caspase; (Rat) (Wenk, G.L. (402) 77)

Noradrenaline release

Coeliac ganglion; Nicotine; Stomach, rat; Nicotinic receptor (Yokotani, K. (402) 223)

Norepinephrine

Self-administration; Catecholamine; Epinephrine; Corticosterone; Yoking; Nicotine (Donny, E.C. (402) 231)

Obese Zucker rat

Oxidant stress; Endothelium; Nitric oxide (NO); Insulin resistance (Laight, D.W. (402) 95)

Octamer factor

Hyperalgesia; Complete Freund adjuvant; NF- κ B (nuclear factor kappa B); AP-1 (activator protein-1); NO (nitric oxide) synthase, neuronal (Chan, C.-F. (402) 61)

8-OH-DPAT (8-hydroxy-2-di-*n*-(propylamino)tetralin)

Nitric oxide (NO); Food intake; 5-HT (5-hydroxytryptamine, serotonin); *N*^G-nitro-L-arginine methyl ester (L-NAME); Hypothalamus (Yamada, J. (402) 247)

Opioid

Nociceptin/orphanin FQ; ORL1 receptor (Ozaki, S. (402) 45)

μ -Opioid receptor

cAMP accumulation; Orphanin FQ/nociceptin (Mandyam, C.D. (402) 205)

κ -Opioid receptors

Allodynia; Antinociception; Diuresis; Dynorphin; Sedation (Ko, M.C.H. (402) 69)

ORL1 receptor

Nociceptin/orphanin FQ; Opioid (Ozaki, S. (402) 45)

ORL1 receptor antagonist

Isolated lung, guinea pig; ORL1 receptors; Nociceptin/orphanin FQ (Corboz, M.R. (402) 171)

ORL1 receptors

Isolated lung, guinea pig; Nociceptin/orphanin FQ; ORL1 receptor antagonist (Corboz, M.R. (402) 171)

Orphanin FQ/nociceptin

μ -Opioid receptor; cAMP accumulation (Mandyam, C.D. (402) 205)

Ouabain

Endothelium-derived hyperpolarizing factor (EDHF); 18 α -Glycyrrhetic acid; Gap junctions; K⁺; Endothelium (Harris, D. (402) 119)

Oxidant stress

Endothelium; Nitric oxide (NO); Insulin resistance; Obese Zucker rat (Laight, D.W. (402) 95)

Pancreas, rat

Sodium tungstate; Insulin; Glucagon (Rodríguez-Gallardo, J. (402) 199)

Perfusion cannula

Dual coronary perfusion method; Coronary bed (Coetzee, W.A. (402) 263)

Pharmacophore model

Glycine receptor; 5-HT₃ receptor antagonist; Potentiation; Interaction; Selectivity (Chesnoy-Marchais, D. (402) 205)

Phencyclidine

Prepulse inhibition; Apomorphine; σ 1 Receptor ligand; MS-377 (Yamada, S. (402) 251)

Pituitary adenylate cyclase activating polypeptide (PACAP)

Atrium; cAMP (Cui, X. (402) 129)

Platelet-activating factor (PAF)

Nitric oxide (NO); Vascular permeability; Vascular endothelium; Neutrophil granulocytes; Thromboxanes; Leukotrienes; Vasopressin; Surgery (Pávó, I. (402) 193)

Potentiation

Glycine receptor; 5-HT₃ receptor antagonist; Interaction; Pharmacophore model; Selectivity (Chesnoy-Marchais, D. (402) 205)

Prepulse inhibition

Apomorphine; Phencyclidine; σ 1 Receptor ligand; MS-377 (Yamada, S. (402) 251)

Prostaglandin F_{2 α}

Nitric oxide (NO); Hypoxic pulmonary vasoconstriction; Pulmonary arterial tone; L-NAME; *N*- γ -nitro-L-arginine methyl ester (Jones, R.D. (402) 111)

Pulmonary arterial tone

Nitric oxide (NO); Hypoxic pulmonary vasoconstriction; L-NAME; *N*- γ -nitro-L-arginine methyl ester; Prostaglandin F_{2 α} (Jones, R.D. (402) 111)

Pulmonary vasoconstriction

Chronic hypoxia; Lung; Endothelin-1; Big-endothelin-1; Sarafotoxin-6C; Pulmonary vasodilation; Bronchoconstriction; Endothelin ET_B receptor; (Rat) (Lal, H. (402) 101)

Pulmonary vasodilation

Chronic hypoxia; Lung; Endothelin-1; Big-endothelin-1; Sarafotoxin-6C; Pulmonary vasoconstriction; Bronchoconstriction; Endothelin ET_B receptor; (Rat) (Lal, H. (402) 101)

σ₁ Receptor ligand

Prepulse inhibition; Apomorphine; Phencyclidine; MS-377 (Yamada, S. (402) 251)

Reperfusion injury

Apoptosis; Cardiac ischemia; Infarct; Caspase inhibitor (Huang, J.-Q. (402) 139)

Amrinone; Ischaemia; (Rat) (Rechtman, M.P. (402) 255)

Sarafotoxin-6C

Chronic hypoxia; Lung; Endothelin-1; Big-endothelin-1; Pulmonary vasoconstriction; Pulmonary vasodilation; Bronchoconstriction; Endothelin ET_B receptor; (Rat) (Lal, H. (402) 101)

Sedation

Allodynia; Antinociception; Diuresis; Dynorphin; κ-Opioid receptors (Ko, M.C.H. (402) 69)

Selectivity

Glycine receptor; 5-HT₃ receptor antagonist; Potentiation; Interaction; Pharmacophore model (Chesnoy-Marchais, D. (402) 205)

Self-administration

Catecholamine; Epinephrine; Norepinephrine; Corticosterone; Yoking; Nicotine (Donny, E.C. (402) 231)

Muscarinic receptor agonist; Cocaine; Drug-naïve; (Mouse) (Rasmussen, T. (402) 241)

Sex difference

Melatonin; Forced-swim test; Antidepressant; Depression (Brotto, L.A. (402) 87)

SH-SY5Y neuroblastoma cell

Muscarinic receptor; Sphingosine 1-phosphate; Dimethylsphingosine; Ins(1,4,5)P₃; Ca²⁺ mobilisation (Young, K.W. (402) 55)

Smooth muscle

Antiarrhythmic drug; Inward rectifier K⁺ channel; Maxi-K⁺ channel; (Bovine) (Nakahara, T. (402) 143)

Smooth muscle, airway

Acetylcholine; Airway epithelium; Nitric oxide (NO); Indomethacin; Airway segment (McParland, B.E. (402) 151)

Sodium tungstate

Insulin; Glucagon; Pancreas, rat (Rodríguez-Gallardo, J. (402) 199)

Sphingosine 1-phosphate

Muscarinic receptor; Dimethylsphingosine; Ins(1,4,5)P₃; Ca²⁺ mobilisation; SH-SY5Y neuroblastoma cell (Young, K.W. (402) 55)

Stomach, rat

Coeliac ganglion; Nicotine; Noradrenaline release; Nicotinic receptor (Yokotani, K. (402) 223)

Stroke

NAALADase inhibition (*N*-acetylated-α-linked-acidic dipeptidase); Neuroprotection; (Rat) (Tortella, F.C. (402) 31)

Surgery

Nitric oxide (NO); Vascular permeability; Vascular endothelium; Neutrophil granulocytes; Platelet-activating factor (PAF); Thromboxanes; Leukotrienes; Vasopressin (Pávó, I. (402) 193)

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Asthma; Immunoglobulin E (Nonaka, T. (402) 287)

Thrombin

Coronary artery disease; Coagulation; (Human) (Pothula, A. (402) 1)

Thromboxanes

Nitric oxide (NO); Vascular permeability; Vascular endothelium; Neutrophil granulocytes; Platelet-activating factor (PAF); Leukotrienes; Vasopressin; Surgery (Pávó, I. (402) 193)

Tracheal contraction

Compound 48/80; Connective tissue mast cell; Mast cell-deficient (Ws/Ws) rat; 5-HT (5-hydroxytryptamine, serotonin); Histamine (Ikawati, Z. (420) 297)

Urotensin II

Coronary artery; Vasodilatation (Katano, Y. (402) 209)

Vascular endothelium

Nitric oxide (NO); Vascular permeability; Neutrophil granulocytes; Platelet-activating factor (PAF); Thromboxanes; Leukotrienes; Vasopressin; Surgery (Pávó, I. (402) 193)

Vascular permeability

Nitric oxide (NO); Vascular endothelium; Neutrophil granulocytes; Platelet-activating factor (PAF); Thromboxanes; Leukotrienes; Vasopressin; Surgery (Pávó, I. (402) 193)

Vasodilatation

Urotensin II; Coronary artery (Katano, Y. (402) 209)

Vasopressin

Nitric oxide (NO); Vascular permeability; Vascular endothelium; Neutrophil granulocytes; Platelet-activating factor (PAF); Thromboxanes; Leukotrienes; Surgery (Pávó, I. (402) 193)

Yoking

Self-administration; Catecholamine; Epinephrine; Norepinephrine; Corticosterone; Nicotine (Donny, E.C. (402) 231)