

Keyword index

Acute pulmonary embolism

L-arginine; Nitric oxide; Phosphodiesterase-5 inhibitor; Pulmonary hypertension; Sildenafil (Souza-Silva, A.R. (524) 126)

Acetylcholine binding protein

Voltage-clamp; Alzheimer's disease; $\alpha 7$ nicotinic receptor (Papke, R.L. (524) 11)

Adaptive change

5-carboxamidotryptamine; Epileptiform activity; Hippocampal slice; WAY 100635; SB 269970 (Tokarski, K. (524) 60)

Alzheimer's disease

Voltage-clamp; Acetylcholine binding protein; $\alpha 7$ nicotinic receptor (Papke, R.L. (524) 11)

Animal model

Olopatadine hydrochloride; Histamine H_1 receptor antagonist; Scratching; Atopic dermatitis (Tamura, T. (524) 149)

Antihypertensive

GABA (γ -aminobutyric acid); Kidney; Spontaneously hypertensive rat; Renal denervation; Renin (Hayakawa, K. (524) 120)

Antinociception

Oxycodone; Diabetes; κ -Opioid receptor; Hyperalgesia (Nozaki, C. (524) 75)

Atopic dermatitis

Olopatadine hydrochloride; Histamine H_1 receptor antagonist; Scratching; Animal model (Tamura, T. (524) 149)

ATP-sensitive K^+ channels

Channel pore; U-37883A; Voltage-dependent Ca^{2+} channels (Tomoda, T. (524) 1)

Bumetanide

OAT; Drug transport; Transporter; Diuretic (Kobayashi, Y. (524) 44)

c-ANP-(4-23) amide

C-type natriuretic peptide; Central nervous system; Exocrine pancreatic secretion; cGMP pathway; Natriuretic peptide receptor A; Natriuretic peptide receptor B (Sabbatini, M.E. (524) 67)

5-carboxamidotryptamine

Adaptive change; Epileptiform activity; Hippocampal slice; WAY 100635; SB 269970 (Tokarski, K. (524) 60)

Carnosine

Hyperactivity; Nitric oxide; Nitric oxide synthase; Chick (Tomonaga, S. (524) 84)

Carrageenan

Monogalactosyldiglyceride; Inflammation; Croton oil; Cyclooxygenase; Lipoyxygenase (Bruno, A. (524) 159)

Caspase

Olomoucine; Roscovitine; SH-SY5Y; Jurkat (Ribas, J. (524) 49)

cDNA microarray

Glucocorticoid receptor; Neuropathic pain; N-type calcium channel (Takasaki, I. (524) 80)

Cell adhesion

PGG (1,2,3,4,6-penta-*O*-galloyl- β -D-glucose); Vasorelaxation; Nitric oxide/cGMP (guanosine 3', 5'-cyclic monophosphate) (Kang, D.G. (524) 111)

Cell cycle

Sirolimus; Paclitaxel; Restenosis; Cell proliferation (Parry, T.J. (524) 19)

Cell proliferation

Sirolimus; Paclitaxel; Restenosis; Cell cycle (Parry, T.J. (524) 19)

Central nervous system

C-type natriuretic peptide; Exocrine pancreatic secretion; cGMP pathway; Natriuretic peptide receptor A; Natriuretic peptide receptor B; c-ANP-(4-23) amide (Sabbatini, M.E. (524) 67)

cGMP pathway

C-type natriuretic peptide; Central nervous system; Exocrine pancreatic secretion; Natriuretic peptide receptor A; Natriuretic peptide receptor B; c-ANP-(4-23) amide (Sabbatini, M.E. (524) 67)

Channel pore

ATP-sensitive K^+ channels; U-37883A; Voltage-dependent Ca^{2+} channels (Tomoda, T. (524) 1)

Chick

Carnosine; Hyperactivity; Nitric oxide; Nitric oxide synthase (Tomonaga, S. (524) 84)

Chlorpheniramine

Experimental allergic rhinitis; Sensitivity of histamine; Passive cutaneous anaphylaxis titer; Mometasone (Tsumuro, T. (524) 155)

Chymase

Intraocular pressure; Endothelin-1 (1–31); Endothelin ET_A receptor (Konno, T. (524) 132)

Competitive inhibitory effect

Ramatroban; CRTH2 (Chemoattractant receptor-homologous molecule expressed on Th2 cells); Indomethacin; 15d-PGJ₂ (15-deoxy- $\Delta^{12, 14}$ -PGJ₂) (Sugimoto, H. (524) 30)

Conditioned place preference

GABA receptor; Morphine; Ventral tegmental area; (Rat) (Sahraei, H. (524) 95)

Coronary circulation

Coronary vasoconstriction; Myocardial ischemia; Endothelin receptor; Endothelial dysfunction (Climent, B. (524) 102)

Coronary vasoconstriction

Coronary circulation; Myocardial ischemia; Endothelin receptor; Endothelial dysfunction (Climent, B. (524) 102)

Cortical slice

Epileptiform activity; NMDA receptor; Spermine; N¹-dansyl-spermine; DBA/2 mice (Kirby, B.P. (524) 53)

COX-2

Plaunotol; Gastric epithelial cells; NF- κ B; CRE (Fu, H.y. (524) 38)

CRE

COX-2; Plaunotol; Gastric epithelial cells; NF- κ B (Fu, H.y. (524) 38)

Croton oil

Monogalactosyldiglyceride; Inflammation; Carrageenan; Cyclooxygenase; Lipoxigenase (Bruno, A. (524) 159)

CRTH2 (Chemoattractant receptor-homologous molecule expressed on Th2 cells)

Ramatroban; Indomethacin; 15d-PGJ₂ (15-deoxy- $\Delta^{12, 14}$ -PGJ₂); Competitive inhibitory effect (Sugimoto, H. (524) 30)

C-type natriuretic peptide

Central nervous system; Exocrine pancreatic secretion; cGMP pathway; Natriuretic peptide receptor A; Natriuretic peptide receptor B; c-ANP-(4-23) amide (Sabbatini, M.E. (524) 67)

Cyclooxygenase

Monogalactosyldiglyceride; Inflammation; Croton oil; Carrageenan; Lipoxigenase (Bruno, A. (524) 159)

DBA/2 mice

Cortical slice; Epileptiform activity; NMDA receptor; Spermine; N¹-dansyl-spermine (Kirby, B.P. (524) 53)

Detrusor contraction

Juvenile pig; Propiverine and metabolites (Wuest, M. (524) 145)

Diabetes

Oxycodone; κ -Opioid receptor; Hyperalgesia; Antinociception (Nozaki, C. (524) 75)

Diuretic

OAT; Drug transport; Transporter; Bumetanide (Kobayashi, Y. (524) 44)

15d-PGJ₂ (15-deoxy- $\Delta^{12, 14}$ -PGJ₂)

Ramatroban; CRTH2 (Chemoattractant receptor-homologous molecule expressed on Th2 cells); Indomethacin; Competitive inhibitory effect (Sugimoto, H. (524) 30)

Drug transport

OAT; Transporter; Diuretic; Bumetanide (Kobayashi, Y. (524) 44)

Endothelial dysfunction

Coronary circulation; Coronary vasoconstriction; Myocardial ischemia; Endothelin receptor (Climent, B. (524) 102)

Endothelin ET_A receptor

Chymase; Intraocular pressure; Endothelin-1 (1–31) (Konno, T. (524) 132)

Endothelin receptor

Coronary circulation; Coronary vasoconstriction; Myocardial ischemia; Endothelial dysfunction (Climent, B. (524) 102)

Endothelin-1 (1–31)

Chymase; Intraocular pressure; Endothelin ET_A receptor (Konno, T. (524) 132)

Endotoxin

Parotid acinar amylase secretion; Nitric oxide; Salivary gland inflammation; NOS2 induction (Barta, A. (524) 169)

Epileptiform activity

Cortical slice; NMDA receptor; Spermine; N¹-dansyl-spermine; DBA/2 mice (Kirby, B.P. (524) 53)

5-carboxamidotryptamine; Adaptive change; Hippocampal slice; WAY 100635; SB 269970 (Tokarski, K. (524) 60)

Exocrine pancreatic secretion

C-type natriuretic peptide; Central nervous system; cGMP pathway; Natriuretic peptide receptor A; Natriuretic peptide receptor B; c-ANP-(4-23) amide (Sabbatini, M.E. (524) 67)

Experimental allergic rhinitis

Sensitivity of histamine; Passive cutaneous anaphylaxis titer; Mometasone; Chlorpheniramine (Tsumuro, T. (524) 155)

GABA (γ -aminobutyric acid)

Antihypertensive; Kidney; Spontaneously hypertensive rat; Renal denervation; Renin (Hayakawa, K. (524) 120)

GABA receptor

Conditioned place preference; Morphine; Ventral tegmental area; (Rat) (Sahraei, H. (524) 95)

Gastric epithelial cells

COX-2; Plaunotol; NF- κ B; CRE (Fu, H.y. (524) 38)

Gastrointestinal motility

Ghrelin; Metoclopramide; Motilin; Prokineticin (Bassil, A.K. (524) 138)

Ghrelin

Gastrointestinal motility; Metoclopramide; Motilin; Prokineticin (Bassil, A.K. (524) 138)

Glucocorticoid receptor

Neuropathic pain; N-type calcium channel; cDNA microarray (Takasaki, I. (524) 80)

Hippocampal slice

5-carboxamidotryptamine; Adaptive change; Epileptiform activity; WAY 100635; SB 269970 (Tokarski, K. (524) 60)

Histamine H₁ receptor antagonist

Olopatadine hydrochloride; Scratching; Atopic dermatitis; Animal model (Tamura, T. (524) 149)

Hyperactivity

Carnosine; Nitric oxide; Nitric oxide synthase; Chick (Tomonaga, S. (524) 84)

Hyperalgesia

Oxycodone; Diabetes; κ -Opioid receptor; Antinociception (Nozaki, C. (524) 75)

Indomethacin

Ramatroban; CRTH2 (Chemoattractant receptor-homologous molecule expressed on Th2 cells); 15d-PGJ₂ (15-deoxy-Δ^{12,14}-PGJ₂); Competitive inhibitory effect (Sugimoto, H. (524) 30)

Inflammation

Monogalactosyldiglyceride; Croton oil; Carrageenan; Cyclooxygenase; Lipoxygenase (Bruno, A. (524) 159)

Intraocular pressure

Chymase; Endothelin-1 (1–31); Endothelin ET_A receptor (Konno, T. (524) 132)

JDTic

κ-Opioid receptor; Morphine physical dependence; (Rat) (Carroll, F.I. (524) 89)

Jurkat

Olomoucine; Roscovitine; Caspase; SH-SY5Y (Ribas, J. (524) 49)

Juvenile pig

Detrusor contraction; Propiverine and metabolites (Wuest, M. (524) 145)

Kidney

GABA (γ-aminobutyric acid); Antihypertensive; Spontaneously hypertensive rat; Renal denervation; Renin (Hayakawa, K. (524) 120)

JDTic; Morphine physical dependence; (Rat) (Carroll, F.I. (524) 89)

L-arginine

Acute pulmonary embolism; Nitric oxide; Phosphodiesterase-5 inhibitor; Pulmonary hypertension; Sildenafil (Souza-Silva, A.R. (524) 126)

Lipoxygenase

Monogalactosyldiglyceride; Inflammation; Croton oil; Carrageenan; Cyclooxygenase (Bruno, A. (524) 159)

Metoclopramide

Gastrointestinal motility; Ghrelin; Motilin; Prokineticin (Bassil, A.K. (524) 138)

Mometasone

Experimental allergic rhinitis; Sensitivity of histamine; Passive cutaneous anaphylaxis titer; Chlorpheniramine (Tsumuro, T. (524) 155)

Monogalactosyldiglyceride

Inflammation; Croton oil; Carrageenan; Cyclooxygenase; Lipoxygenase (Bruno, A. (524) 159)

Morphine

GABA receptor; Conditioned place preference; Ventral tegmental area; (Rat) (Sahraei, H. (524) 95)

Morphine physical dependence

κ-Opioid receptor; JDTic; (Rat) (Carroll, F.I. (524) 89)

Motilin

Gastrointestinal motility; Ghrelin; Metoclopramide; Prokineticin (Bassil, A.K. (524) 138)

Myocardial ischemia

Coronary circulation; Coronary vasoconstriction; Endothelin receptor; Endothelial dysfunction (Climent, B. (524) 102)

Natriuretic peptide receptor A

C-type natriuretic peptide; Central nervous system; Exocrine pancreatic secretion; cGMP pathway; Natriuretic peptide receptor B; c-ANP-(4-23) amide (Sabbatini, M.E. (524) 67)

Natriuretic peptide receptor B

C-type natriuretic peptide; Central nervous system; Exocrine pancreatic secretion; cGMP pathway; Natriuretic peptide receptor A; c-ANP-(4-23) amide (Sabbatini, M.E. (524) 67)

N¹-dansyl-spermine

Cortical slice; Epileptiform activity; NMDA receptor; Spermine; DBA/2 mice (Kirby, B.P. (524) 53)

Neuropathic pain

Glucocorticoid receptor; N-type calcium channel; cDNA microarray (Takasaki, I. (524) 80)

NF-κB

COX-2; Plaunotol; Gastric epithelial cells; CRE (Fu, H.y. (524) 38)

α7 nicotinic receptor

Voltage-clamp; Alzheimer's disease; Acetylcholine binding protein (Papke, R.L. (524) 11)

Nitric oxide

Carnosine; Hyperactivity; Nitric oxide synthase; Chick (Tomonaga, S. (524) 84)

Acute pulmonary embolism; L-arginine; Phosphodiesterase-5 inhibitor; Pulmonary hypertension; Sildenafil (Souza-Silva, A.R. (524) 126)

Parotid acinar amylase secretion; Endotoxin; Salivary gland inflammation; NOS2 induction (Barta, A. (524) 169)

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Carnosine; Hyperactivity; Nitric oxide; Chick (Tomonaga, S. (524) 84)

Nitric oxide/cGMP (guanosine 3', 5'-cyclic monophosphate)

PGG (1,2,3,4,6-penta-*O*-galloyl-β-D-glucose); Vasorelaxation; Cell adhesion (Kang, D.G. (524) 111)

NMDA receptor

Cortical slice; Epileptiform activity; Spermine; N¹-dansyl-spermine; DBA/2 mice (Kirby, B.P. (524) 53)

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OAT

Drug transport; Transporter; Diuretic; Bumetanide (Kobayashi, Y. (524) 44)

Olomoucine

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Histamine H₁ receptor antagonist; Scratching; Atopic dermatitis; Animal model (Tamura, T. (524) 149)

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Paclitaxel

Sirolimus; Restenosis; Cell proliferation; Cell cycle (Parry, T.J. (524) 19)

Parotid acinar amylase secretion

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Passive cutaneous anaphylaxis titer

Experimental allergic rhinitis; Sensitivity of histamine; Mometasone; Chlorpheniramine (Tsumuro, T. (524) 155)

PGG (1,2,3,4,6-penta-*O*-galloyl- β -D-glucose)

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Gastrointestinal motility; Ghrelin; Metoclopramide; Motilin (Bassil, A.K. (524) 138)

Propiverine and metabolites

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Pulmonary hypertension

Acute pulmonary embolism; L-arginine; Nitric oxide; Phosphodiesterase-5 inhibitor; Sildenafil (Souza-Silva, A.R. (524) 126)

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κ -Opioid receptor; JDtic; Morphine physical dependence (Carroll, F.I. (524) 89)

GABA receptor; Conditioned place preference; Morphine; Ventral tegmental area (Sahraei, H. (524) 95)

Renal denervation

GABA (γ -aminobutyric acid); Antihypertensive; Kidney; Spontaneously hypertensive rat; Renin (Hayakawa, K. (524) 120)

Renin

GABA (γ -aminobutyric acid); Antihypertensive; Kidney; Spontaneously hypertensive rat; Renal denervation (Hayakawa, K. (524) 120)

Restenosis

Sirolimus; Paclitaxel; Cell proliferation; Cell cycle (Parry, T.J. (524) 19)

Roscovotine

Olomoucine; Caspase; SH-SY5Y; Jurkat (Ribas, J. (524) 49)

Salivary gland inflammation

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SB 269970

5-carboxamidotryptamine; Adaptive change; Epileptiform activity; Hippocampal slice; WAY 100635 (Tokarski, K. (524) 60)

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Cortical slice; Epileptiform activity; NMDA receptor; N¹-dansyl-spermine; DBA/2 mice (Kirby, B.P. (524) 53)

Spontaneously hypertensive rat

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Transporter

OAT; Drug transport; Diuretic; Bumetanide (Kobayashi, Y. (524) 44)

U-37883A

ATP-sensitive K⁺ channels; Channel pore; Voltage-dependent Ca²⁺ channels (Tomoda, T. (524) 1)

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PGG (1,2,3,4,6-penta-*O*-galloyl- β -D-glucose); Nitric oxide/cGMP (guanosine 3', 5'-cyclic monophosphate); Cell adhesion (Kang, D.G. (524) 111)

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Voltage-dependent Ca²⁺ channels

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