

Keyword index

Acetylcholinesterase inhibitor

Donepezil; Oxygen–glucose deprivation; LDH release; Primary cultured cerebral cortical neuron; (Rat) (Akasofu, S. (472) 57)

Acoustic startle

Nicotine withdrawal; Self-administration; Prepulse inhibition; Somatic sign; Mouse (Semenova, S. (472) 99)

Amlodipine

Ca²⁺ channel blocker; Proliferation; Human epidermoid carcinoma A431 cell; Intracellular Ca²⁺; Fura-2; Fluo-3 (Yoshida, J. (472) 23)

Anandamide

Cannabinoid; Neurotransmission (Ralevic, V. (472) 1)

Anti-emetic

Cisplatin; 5-HT₃ receptor; Glucocorticoid; Delayed emesis (Sam, T.S.W. (472) 135)

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17β-Estradiol; Progesterone; Endothelium; Inbred SHR, rat; K⁺ channel (Unemoto, T. (472) 119)

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Haloperidol; Risperidone; Catalepsy; Dopamine; Partial agonist; Atypical antipsychotic (Nakai, S. (472) 89)

ATP-dependent K⁺ channel

Torsade de pointes; QT prolongation; Prostaglandin E₂; K⁺ channel; Proarrhythmia (Farkas, A. (472) 189)

ATP purinoceptor

P2X₄ purinoceptor; Copper neuromodulation; Zinc neuromodulation; Desensitized purinoceptor; Metal chelator; Metal neuromodulation (Coddou, C. (472) 49)

Atypical antipsychotic

Aripiprazole; Haloperidol; Risperidone; Catalepsy; Dopamine; Partial agonist (Nakai, S. (472) 89)

Ca²⁺ channel blocker

Proliferation; Human epidermoid carcinoma A431 cell; Intracellular Ca²⁺; Fura-2; Fluo-3; Amlodipine (Yoshida, J. (472) 23)

Ca²⁺ signaling

Fluorometric imaging plate reader; FLIPR; 5-HT₆ receptor; chimeric G-protein (Zhang, J.Y. (472) 33)

[Ca²⁺]_i transient

Endothelin-1; Cardiac muscle; Neonate, mouse; Na⁺–Ca²⁺ exchanger (Nagasaka, T. (472) 197)

Cannabinoid

Neurotransmission; Anandamide (Ralevic, V. (472) 1)

Cardiac muscle

Endothelin-1; Neonate, mouse; Na⁺–Ca²⁺ exchanger; [Ca²⁺]_i transient (Nagasaka, T. (472) 197)

Cardio-protective

Nitric oxide synthase; Sepsis (Price, S. (472) 111)

Cardiovascular action

Nitroglycerin; Nitrate tolerance; Nitric oxide (NO); Posterior hypothalamus; Dialysis (Ma, S.-X. (472) 179)

Catalepsy

Aripiprazole; Haloperidol; Risperidone; Dopamine; Partial agonist; Atypical antipsychotic (Nakai, S. (472) 89)

chimeric G-protein

Fluorometric imaging plate reader; FLIPR; 5-HT₆ receptor; Ca²⁺ signaling (Zhang, J.Y. (472) 33)

Cisplatin

Anti-emetic; 5-HT₃ receptor; Glucocorticoid; Delayed emesis (Sam, T.S.W. (472) 135)

Colitis

Group IIA phospholipase A₂; Dextran sulfate sodium; S-3013/LY333013 (Tomita, Y. (472) 147)

Contraction

Vasopressin; Vasopressin V_{1a} receptor; Oxytocin; Oxytocin receptor; Uterus (Kawamata, M. (472) 229)

Copper neuromodulation

P2X₄ purinoceptor; ATP purinoceptor; Zinc neuromodulation; Desensitized purinoceptor; Metal chelator; Metal neuromodulation (Coddou, C. (472) 49)

Corpus cavernosum

Phosphodiesterase; Phosphodiesterase type 5 inhibitor; Erectile dysfunction (Qiu, Y. (472) 73)

Diabetes; Erectile dysfunction; Fasudil; Rho-kinase; Y-27632 (Büyükaşar, K. (472) 235)

Crotonin

Semi-synthetic; V79 cell; Cytotoxicity; Hepatocyte toxicity; Gastric ulcer (Albino de Almeida, A.B. (472) 205)

Cytotoxicity

Crotonin; Semi-synthetic; V79 cell; Hepatocyte toxicity; Gastric ulcer (Albino de Almeida, A.B. (472) 205)

Delayed emesis

Cisplatin; Anti-emetic; 5-HT₃ receptor; Glucocorticoid (Sam, T.S.W. (472) 135)

15-Deoxy-prostaglandin-J2

Neuroprotection; Peroxisome proliferator-activated receptor; Troglitazone; Thiazolidinedione (Aoun, P. (472) 65)

Desensitized purinoceptor

P2X₄ purinoceptor; ATP purinoceptor; Copper neuromodulation; Zinc neuromodulation; Metal chelator; Metal neuromodulation (Coddou, C. (472) 49)

Dextran sulfate sodium

Group IIA phospholipase A₂; Colitis; S-3013/LY333013 (Tomita, Y. (472) 147)

Diabetes

Systemic anaphylaxis; Glucocorticoid; Mast cell (Carvalho, V.F. (472) 221)

Corpus cavernosum; Erectile dysfunction; Fasudil; Rho-kinase; Y-27632 (Büyükaşar, K. (472) 235)

Diabetes mellitus

Hemoglobin, glycated; Endothelium; NF-κB (nuclear factor-κB); Iron chelator (Pieper, G.M. (472) 127)

Dialysis

Nitroglycerin; Nitrate tolerance; Nitric oxide (NO); Posterior hypothalamus; Cardiovascular action (Ma, S.-X. (472) 179)

Donepezil

Acetylcholinesterase inhibitor; Oxygen–glucose deprivation; LDH release; Primary cultured cerebral cortical neuron; (Rat) (Akasofu, S. (472) 57)

Dopamine

Aripiprazole; Haloperidol; Risperidone; Catalepsy; Partial agonist; Atypical antipsychotic (Nakai, S. (472) 89)

Methamphetamine; VMAT-2; (Mouse) (Ugarte, Y.V. (472) 165)

Dopamine receptor

Gene targeting; Dynorphin; Substance P; Enkephalin (Wong, J.Y.F. (472) 39)

Dynorphin

Gene targeting; Dopamine receptor; Substance P; Enkephalin (Wong, J.Y.F. (472) 39)

Endothelial cell

Nuclear factor-κB; Nitric oxide; Endothelin-1; Tumor necrosis factor-α (Ohkita, M. (472) 159)

Endothelin-1

Nuclear factor-κB; Nitric oxide; Endothelial cell; Tumor necrosis factor-α (Ohkita, M. (472) 159)

Cardiac muscle; Neonate, mouse; Na⁺–Ca²⁺ exchanger; [Ca²⁺]_i transient (Nagasaka, T. (472) 197)

Endothelium

17β-Estradiol; Progesterone; Inbred SHR, rat; Aorta; K⁺ channel (Unemoto, T. (472) 119)

Diabetes mellitus; Hemoglobin, glycated; NF-κB (nuclear factor-κB); Iron chelator (Pieper, G.M. (472) 127)

Enkephalin

Gene targeting; Dopamine receptor; Dynorphin; Substance P (Wong, J.Y.F. (472) 39)

Erectile dysfunction

Phosphodiesterase; Phosphodiesterase type 5 inhibitor; Corpus cavernosum (Qiu, Y. (472) 73)

Corpus cavernosum; Diabetes; Fasudil; Rho-kinase; Y-27632 (Büyükaşar, K. (472) 235)

17β-Estradiol

Progesterone; Endothelium; Inbred SHR, rat; Aorta; K⁺ channel (Unemoto, T. (472) 119)

Fasudil

Corpus cavernosum; Diabetes; Erectile dysfunction; Rho-kinase; Y-27632 (Büyükaşar, K. (472) 235)

Flavonoid

Rotenone; Oxidative stress; SH-SY5Y cell; Parkinson's disease (Molina-Jimenez, M.F. (472) 81)

FLIPR

Fluorometric imaging plate reader; 5-HT₆ receptor; chimeric G-protein; Ca²⁺ signaling (Zhang, J.Y. (472) 33)

Fluo-3

Ca²⁺ channel blocker; Proliferation; Human epidermoid carcinoma A431 cell; Intracellular Ca²⁺; Fura-2; Amlodipine (Yoshida, J. (472) 23)

Fluorometric imaging plate reader

FLIPR; 5-HT₆ receptor; chimeric G-protein; Ca²⁺ signaling (Zhang, J.Y. (472) 33)

Fura-2

Ca²⁺ channel blocker; Proliferation; Human epidermoid carcinoma A431 cell; Intracellular Ca²⁺; Fluo-3; Amlodipine (Yoshida, J. (472) 23)

Gastric ulcer

Crotonin; Semi-synthetic; V79 cell; Cytotoxicity; Hepatocyte toxicity (Albino de Almeida, A.B. (472) 205)

Gene targeting

Dopamine receptor; Dynorphin; Substance P; Enkephalin (Wong, J.Y.F. (472) 39)

Glucocorticoid

Cisplatin; Anti-emetic; 5-HT₃ receptor; Delayed emesis (Sam, T.S.W. (472) 135)

Diabetes; Systemic anaphylaxis; Mast cell (Carvalho, V.F. (472) 221)

Group IIA phospholipase A₂

Colitis; Dextran sulfate sodium; S-3013/LY333013 (Tomita, Y. (472) 147)

Haloperidol

Aripiprazole; Risperidone; Catalepsy; Dopamine; Partial agonist; Atypical antipsychotic (Nakai, S. (472) 89)

Hemoglobin, glycated

Diabetes mellitus; Endothelium; NF-κB (nuclear factor-κB); Iron chelator (Pieper, G.M. (472) 127)

Hepatocyte toxicity

Crotonin; Semi-synthetic; V79 cell; Cytotoxicity; Gastric ulcer (Albino de Almeida, A.B. (472) 205)

HSP70 (heat shock protein 70)

PPAR-γ ligand; Ulcer healing; Interleukin-1β; TNF-α (tumor necrosis factor-α); Nitric oxide (NO) synthase (Konturek, P.C. (472) 213)

5-HT₆ receptor

Fluorometric imaging plate reader; FLIPR; chimeric G-protein; Ca²⁺ signaling (Zhang, J.Y. (472) 33)

Cisplatin; Anti-emetic; Glucocorticoid; Delayed emesis (Sam, T.S.W. (472) 135)

Human epidermoid carcinoma A431 cell

Ca²⁺ channel blocker; Proliferation; Intracellular Ca²⁺; Fura-2; Fluo-3; Amlodipine (Yoshida, J. (472) 23)

Inbred SHR, rat

17β-Estradiol; Progesterone; Endothelium; Aorta; K⁺ channel (Unemoto, T. (472) 119)

Interleukin-1β

PPAR-γ ligand; Ulcer healing; TNF-α (tumor necrosis factor-α); Nitric oxide (NO) synthase; HSP70 (heat shock protein 70) (Konturek, P.C. (472) 213)

Intracellular Ca²⁺

Ca²⁺ channel blocker; Proliferation; Human epidermoid carcinoma A431 cell; Fura-2; Fluo-3; Amlodipine (Yoshida, J. (472) 23)

Iron chelator

Diabetes mellitus; Hemoglobin, glycated; Endothelium; NF-κB (nuclear factor-κB) (Pieper, G.M. (472) 127)

K⁺ channel

17β-Estradiol; Progesterone; Endothelium; Inbred SHR, rat; Aorta (Unemoto, T. (472) 119)

Torsade de pointes; QT prolongation; Prostaglandin E₂; ATP-dependent K⁺ channel; Proarrhythmia (Farkas, A. (472) 189)

LDH release

Donepezil; Acetylcholinesterase inhibitor; Oxygen–glucose deprivation; Primary cultured cerebral cortical neuron; (Rat) (Akasofu, S. (472) 57)

Mast cell

Diabetes; Systemic anaphylaxis; Glucocorticoid (Carvalho, V.F. (472) 221)

Metal chelator

P2X₄ purinoceptor; ATP purinoceptor; Copper neuromodulation; Zinc neuromodulation; Desensitized purinoceptor; Metal neuromodulation (Coddou, C. (472) 49)

Metal neuromodulation

P2X₄ purinoceptor; ATP purinoceptor; Copper neuromodulation; Zinc neuromodulation; Desensitized purinoceptor; Metal chelator (Coddou, C. (472) 49)

Methamphetamine

Dopamine; VMAT-2; (Mouse) (Ugarte, Y.V. (472) 165)

Mouse

Nicotine withdrawal; Self-administration; Acoustic startle; Prepulse inhibition; Somatic sign (Semenova, S. (472) 99)

Dopamine; Methamphetamine; VMAT-2 (Ugarte, Y.V. (472) 165)

Na⁺–Ca²⁺ exchanger

Endothelin-1; Cardiac muscle; Neonate, mouse; [Ca²⁺]_i transient (Nagasaka, T. (472) 197)

Neonate, mouse

Endothelin-1; Cardiac muscle; Na⁺–Ca²⁺ exchanger; [Ca²⁺]_i transient (Nagasaka, T. (472) 197)

Neuroprotection

Peroxisome proliferator-activated receptor; 15-Deoxy-prostaglandin-J₂; Troglitazone; Thiazolidinedione (Aoun, P. (472) 65)

Neurotransmission

Cannabinoid; Anandamide (Ralevic, V. (472) 1)

NF-κB (nuclear factor-κB)

Diabetes mellitus; Hemoglobin, glycated; Endothelium; Iron chelator (Pieper, G.M. (472) 127)

Nicotine withdrawal

Self-administration; Acoustic startle; Prepulse inhibition; Somatic sign; Mouse (Semenova, S. (472) 99)

Nitrate tolerance

Nitroglycerin; Nitric oxide (NO); Posterior hypothalamus; Cardiovascular action; Dialysis (Ma, S.-X. (472) 179)

Nitric oxide

Nuclear factor-κB; Endothelin-1; Endothelial cell; Tumor necrosis factor-α (Ohkita, M. (472) 159)

Nitric oxide (NO)

Nitroglycerin; Nitrate tolerance; Posterior hypothalamus; Cardiovascular action; Dialysis (Ma, S.-X. (472) 179)

Nitric oxide (NO) synthase

PPAR-γ ligand; Ulcer healing; Interleukin-1β; TNF-α (tumor necrosis factor-α); HSP70 (heat shock protein 70) (Konturek, P.C. (472) 213)

Nitric oxide synthase

Cardio-protective; Sepsis (Price, S. (472) 111)

Nitroglycerin

Nitrate tolerance; Nitric oxide (NO); Posterior hypothalamus; Cardiovascular action; Dialysis (Ma, S.-X. (472) 179)

Nuclear factor-κB

Nitric oxide; Endothelin-1; Endothelial cell; Tumor necrosis factor-α (Ohkita, M. (472) 159)

Oxidative stress

Flavonoid; Rotenone; SH-SY5Y cell; Parkinson's disease (Molina-Jimenez, M.F. (472) 81)

Oxygen–glucose deprivation

Donepezil; Acetylcholinesterase inhibitor; LDH release; Primary cultured cerebral cortical neuron; (Rat) (Akasofu, S. (472) 57)

Oxytocin

Vasopressin; Vasopressin V_{1a} receptor; Oxytocin receptor; Contraction; Uterus (Kawamata, M. (472) 229)

Oxytocin receptor

Vasopressin; Vasopressin V_{1a} receptor; Oxytocin; Contraction; Uterus (Kawamata, M. (472) 229)

Parkinson's disease

Flavonoid; Rotenone; Oxidative stress; SH-SY5Y cell (Molina-Jimenez, M.F. (472) 81)

Selegiline; Rasagiline; *S*(+)-methamphetamine; *R*(–)-methamphetamine; *R*(+)-1-aminoindan (Glezer, S. (472) 173)

Partial agonist

Aripiprazole; Haloperidol; Risperidone; Catalepsy; Dopamine; Atypical antipsychotic (Nakai, S. (472) 89)

Peroxisome proliferator-activated receptor

Neuroprotection; 15-Deoxy-prostaglandin-J2; Troglitazone; Thiazolidinedione (Aoun, P. (472) 65)

Phosphodiesterase

Phosphodiesterase type 5 inhibitor; Erectile dysfunction; Corpus cavernosum (Qiu, Y. (472) 73)

Phosphodiesterase type 5 inhibitor

Phosphodiesterase; Erectile dysfunction; Corpus cavernosum (Qiu, Y. (472) 73)

Posterior hypothalamus

Nitroglycerin; Nitrate tolerance; Nitric oxide (NO); Cardiovascular action; Dialysis (Ma, S.-X. (472) 179)

PPAR- γ ligand

Ulcer healing; Interleukin-1 β ; TNF- α (tumor necrosis factor- α); Nitric oxide (NO) synthase; HSP70 (heat shock protein 70) (Konturek, P.C. (472) 213)

Prepulse inhibition

Nicotine withdrawal; Self-administration; Acoustic startle; Somatic sign; Mouse (Semenova, S. (472) 99)

Primary cultured cerebral cortical neuron

Donepezil; Acetylcholinesterase inhibitor; Oxygen–glucose deprivation; LDH release; (Rat) (Akasofu, S. (472) 57)

Proarrhythmia

Torsade de pointes; QT prolongation; Prostaglandin E₂; K⁺ channel; ATP-dependent K⁺ channel (Farkas, A. (472) 189)

Progesterone

17 β -Estradiol; Endothelium; Inbred SHR, rat; Aorta; K⁺ channel (Unemoto, T. (472) 119)

Proliferation

Ca²⁺ channel blocker; Human epidermoid carcinoma A431 cell; Intracellular Ca²⁺; Fura-2; Fluo-3; Amlodipine (Yoshida, J. (472) 23)

Prostaglandin E₂

Torsade de pointes; QT prolongation; K⁺ channel; ATP-dependent K⁺ channel; Proarrhythmia (Farkas, A. (472) 189)

P2X₄ purinoceptor

ATP purinoceptor; Copper neuromodulation; Zinc neuromodulation; Desensitized purinoceptor; Metal chelator; Metal neuromodulation (Codou, C. (472) 49)

QT prolongation

Torsade de pointes; Prostaglandin E₂; K⁺ channel; ATP-dependent K⁺ channel; Proarrhythmia (Farkas, A. (472) 189)

***R*(+)-1-aminoindan**

Parkinson's disease; Selegiline; Rasagiline; *S*(+)-methamphetamine; *R*(–)-methamphetamine (Glezer, S. (472) 173)

Rasagiline

Parkinson's disease; Selegiline; *S*(+)-methamphetamine; *R*(–)-methamphetamine; *R*(+)-1-aminoindan (Glezer, S. (472) 173)

(Rat)

Donepezil; Acetylcholinesterase inhibitor; Oxygen–glucose deprivation; LDH release; Primary cultured cerebral cortical neuron (Akasofu, S. (472) 57)

Rho-kinase

Corpus cavernosum; Diabetes; Erectile dysfunction; Fasudil; Y-27632 (Büyükaşar, K. (472) 235)

Risperidone

Aripiprazole; Haloperidol; Catalepsy; Dopamine; Partial agonist; Atypical antipsychotic (Nakai, S. (472) 89)

***R*(–)-methamphetamine**

Parkinson's disease; Selegiline; Rasagiline; *S*(+)-methamphetamine; *R*(+)-1-aminoindan (Glezer, S. (472) 173)

Rotenone

Flavonoid; Oxidative stress; SH-SY5Y cell; Parkinson's disease (Molina-Jimenez, M.F. (472) 81)

Selegiline

Parkinson's disease; Rasagiline; *S*(+)-methamphetamine; *R*(–)-methamphetamine; *R*(+)-1-aminoindan (Glezer, S. (472) 173)

Self-administration

Nicotine withdrawal; Acoustic startle; Prepulse inhibition; Somatic sign; Mouse (Semenova, S. (472) 99)

Semi-synthetic

Crotonin; V79 cell; Cytotoxicity; Hepatocyte toxicity; Gastric ulcer (Albino de Almeida, A.B. (472) 205)

Sepsis

Nitric oxide synthase; Cardio-protective (Price, S. (472) 111)

SH-SY5Y cell

Flavonoid; Rotenone; Oxidative stress; Parkinson's disease (Molina-Jimenez, M.F. (472) 81)

S-3013/LY333013

Group IIA phospholipase A₂; Colitis; Dextran sulfate sodium (Tomita, Y. (472) 147)

***S*(+)-methamphetamine**

Parkinson's disease; Selegiline; Rasagiline; *R*(–)-methamphetamine; *R*(+)-1-aminoindan (Glezer, S. (472) 173)

Somatic sign

Nicotine withdrawal; Self-administration; Acoustic startle; Prepulse inhibition; Mouse (Semenova, S. (472) 99)

Substance P

Gene targeting; Dopamine receptor; Dynorphin; Enkephalin (Wong, J.Y.F. (472) 39)

Systemic anaphylaxis

Diabetes; Glucocorticoid; Mast cell (Carvalho, V.F. (472) 221)

Thiazolidinedione

Neuroprotection; Peroxisome proliferator-activated receptor; 15-Deoxy-prostaglandin-J2; Troglitazone (Aoun, P. (472) 65)

TNF- α (tumor necrosis factor- α)

PPAR- γ ligand; Ulcer healing; Interleukin-1 β ; Nitric oxide (NO) synthase; HSP70 (heat shock protein 70) (Konturek, P.C. (472) 213)

Torsade de pointes

QT prolongation; Prostaglandin E₂; K⁺ channel; ATP-dependent K⁺ channel; Proarrhythmia (Farkas, A. (472) 189)

Troglitazone

Neuroprotection; Peroxisome proliferator-activated receptor; 15-Deoxy-prostaglandin-J2; Thiazolidinedione (Aoun, P. (472) 65)

Tumor necrosis factor- α

Nuclear factor- κ B; Nitric oxide; Endothelin-1; Endothelial cell (Ohkita, M. (472) 159)

Ulcer healing

PPAR- γ ligand; Interleukin-1 β ; TNF- α (tumor necrosis factor- α); Nitric oxide (NO) synthase; HSP70 (heat shock protein 70) (Konturek, P.C. (472) 213)

Uterus

Vasopressin; Vasopressin V_{1a} receptor; Oxytocin; Oxytocin receptor; Contraction (Kawamata, M. (472) 229)

V79 cell

Crotonin; Semi-synthetic; Cytotoxicity; Hepatocyte toxicity; Gastric ulcer (Albino de Almeida, A.B. (472) 205)

Vasopressin

Vasopressin V_{1a} receptor; Oxytocin; Oxytocin receptor; Contraction; Uterus (Kawamata, M. (472) 229)

Vasopressin V_{1a} receptor

Vasopressin; Oxytocin; Oxytocin receptor; Contraction; Uterus (Kawamata, M. (472) 229)

VMAT-2

Dopamine; Methamphetamine; (Mouse) (Ugarte, Y.V. (472) 165)

Y-27632

Corpus cavernosum; Diabetes; Erectile dysfunction; Fasudil; Rho-kinase (Büyükaşar, K. (472) 235)

Zinc neuromodulation

P2X₄ purinoceptor; ATP purinoceptor; Copper neuromodulation; Desensitized purinoceptor; Metal chelator; Metal neuromodulation (Coddou, C. (472) 49)