

Keyword index

Acetylcholine

Sumatriptan; Nitroxidergic nerve, nitrenergic; Cerebral artery (Ayajiki, K. (420) 67)

Acetylcholinesterase

Tracheal reactivity; Nitric Oxide (NO); Epithelium; (Guinea pig) (Folkerts, G. (420) 151)

α_1 -Acid glycoprotein

FK506 (tacrolimus); Glucocorticoid; FK506-binding protein (FKBP) (Shimoishi, K. (420) 91)

Adenosine A₃ receptor

MAD (mitogen-activated protein) kinase; *c-fos* Promoter; CHO (chinese hamster ovary) cell (Graham, S. (420) 19)

Adenylyl cyclase stimulation

Antipsychotic; Baculovirus expression; Dopamine D1 receptor; Dopamine receptor; Inverse agonist (Martin, M.W. (420) 73)

α_1 -Adrenoceptor

Terazosin; Prazosin; Binding, ex vivo; Exploratory behavior; Motor activity (Stone, E.A. (420) 97)

Airway inflammation

Asthma; T lymphocyte; Eosinophil; Cyclosporin A; (Rat) (Underwood, S.L. (420) 165)

Angiotensin II, intracellular

Liposome; Ca^{2+} influx; Ca^{2+} release; $\text{Ins}(1,4,5)\text{P}_3$; A7r5 cell (Filipeanu, C.M. (420) 9)

Aniracetam

Anxiety; Social interaction; Elevated plus-maze; Conditioned fear stress; Mode of action (Nakamura, K. (420) 33)

Antidepressant

5-HT_{1A} receptor; Intrinsic activity; [³⁵S]GTP γ S binding; cAMP; Forced swimming test; (Rat) (Koek, W. (420) 103)

Neurogenesis; Glia (Manev, R. (420) R1)

Antipsychotic

Adenylyl cyclase stimulation; Baculovirus expression; Dopamine D1 receptor; Dopamine receptor; Inverse agonist (Martin, M.W. (420) 73)

Anxiety

Aniracetam; Social interaction; Elevated plus-maze; Conditioned fear stress; Mode of action (Nakamura, K. (420) 33)

A7r5 cell

Angiotensin II, intracellular; Liposome; Ca^{2+} influx; Ca^{2+} release; $\text{Ins}(1,4,5)\text{P}_3$ (Filipeanu, C.M. (420) 9)

Asthma

Airway inflammation; T lymphocyte; Eosinophil; Cyclosporin A; (Rat) (Underwood, S.L. (420) 165)

Baculovirus expression

Adenylyl cyclase stimulation; Antipsychotic; Dopamine D1 receptor; Dopamine receptor; Inverse agonist (Martin, M.W. (420) 73)

Basal ganglia

Cannabinoid; Vanilloid; Locomotion; Endocannabinoid; Receptor (Di Marzo, V. (420) 123)

BIA 3-202

L-3,4-dihydroxyphenylalanine (L-DOPA); 3-O-methyl-3,4-dihydroxyphenylalanine (3-O-methyl-L-DOPA); Brain (Parada, A. (420) 27)

Binding, ex vivo

α_1 -Adrenoceptor; Terazosin; Prazosin; Exploratory behavior; Motor activity (Stone, E.A. (420) 97)

Brain

L-3,4-dihydroxyphenylalanine (L-DOPA); 3-O-methyl-3,4-dihydroxyphenylalanine (3-O-methyl-L-DOPA); BIA 3-202 (Parada, A. (420) 27)

Ca^{2+} influx

Angiotensin II, intracellular; Liposome; Ca^{2+} release; $\text{Ins}(1,4,5)\text{P}_3$; A7r5 cell (Filipeanu, C.M. (420) 9)

cAMP

5-HT_{1A} receptor; Intrinsic activity; [³⁵S]GTP γ S binding; Forced swimming test; Antidepressant; (Rat) (Koek, W. (420) 103)

Cannabinoid

Vanilloid; Locomotion; Endocannabinoid; Receptor; Basal ganglia (Di Marzo, V. (420) 123)

Capsaicin

Cell differentiation; Protein kinase C; HL-60 cell (Kang, S.N. (420) 83)

Cardiomyopathic hamster

Vascular function; Losartan; Hydrochlorothiazide; Heart failure (Crespo, M.J. (420) 133)

Ca^{2+} release

Angiotensin II, intracellular; Liposome; Ca^{2+} influx; $\text{Ins}(1,4,5)\text{P}_3$; A7r5 cell (Filipeanu, C.M. (420) 9)

Cell differentiation

Capsaicin; Protein kinase C; HL-60 cell (Kang, S.N. (420) 83)

Cerebral artery

Phosphodiesterase inhibitor; Phosphodiesterase; Vasodilatation; Nitric oxide (NO); cGMP (Kruuse, C. (420) 55)

Sumatriptan; Acetylcholine; Nitroxidergic nerve, nitrenergic (Ayajiki, K. (420) 67)

c-fos Promoter

Adenosine A₃ receptor; MAD (mitogen-activated protein) kinase; CHO (chinese hamster ovary) cell (Graham, S. (420) 19)

cGMP

Phosphodiesterase inhibitor; Phosphodiesterase; Cerebral artery; Vasodilatation; Nitric oxide (NO) (Kruuse, C. (420) 55)

CGRP (calcitonin gene-related peptide)

Preconditioning; TNF- α (tumor necrosis factor- α); NO (nitric oxide); Heart, rat (He, S.-Y. (420) 143)

CHO (chinese hamster ovary) cell

Adenosine A₃ receptor; MAD (mitogen-activated protein) kinase; c-fos Promoter (Graham, S. (420) 19)

Conditioned fear stress

Aniracetam; Anxiety; Social interaction; Elevated plus-maze; Mode of action (Nakamura, K. (420) 33)

Cyclosporin A

Asthma; Airway inflammation; T lymphocyte; Eosinophil; (Rat) (Underwood, S.L. (420) 165)

DOI

Repeated nicotine treatment; 8-OH-DPAT (Olausson, P. (420) 45)

L-3,4-dihydroxyphenylalanine (L-DOPA)

3-O-methyl-3,4-dihydroxyphenylalanine (3-O-methyl-L-DOPA); Brain; BIA 3-202 (Parada, A. (420) 27)

3-O-methyl-3,4-dihydroxyphenylalanine (3-O-methyl-L-DOPA)

L-3,4-dihydroxyphenylalanine (L-DOPA); Brain; BIA 3-202 (Parada, A. (420) 27)

Dopamine D1 receptor

Adenylyl cyclase stimulation; Antipsychotic; Baculovirus expression; Dopamine receptor; Inverse agonist (Martin, M.W. (420) 73)

Dopamine receptor

Adenylyl cyclase stimulation; Antipsychotic; Baculovirus expression; Dopamine D1 receptor; Inverse agonist (Martin, M.W. (420) 73)

Duodenum

Helicobacter pylori; Lipopolysaccharide; Gastritis; Inflammation; Nitric oxide (NO) synthase inhibitor; Nitric oxide (NO) synthase, inducible (Kiss, J. (420) 175)

Elevated plus-maze

Aniracetam; Anxiety; Social interaction; Conditioned fear stress; Mode of action (Nakamura, K. (420) 33)

Endocannabinoid

Cannabinoid; Vanilloid; Locomotion; Receptor; Basal ganglia (Di Marzo, V. (420) 123)

Enterochromaffin-like cell

Nitric oxide (NO); Gastric acid secretion; Histamine; Stomach, isolated, mouse (Hasebe, K. (420) 159)

Eosinophil

Asthma; Airway inflammation; T lymphocyte; Cyclosporin A; (Rat) (Underwood, S.L. (420) 165)

Epithelium

Tracheal reactivity; Acetylcholinesterase; Nitric Oxide (NO); (Guinea pig) (Folkerts, G. (420) 151)

Excitation

Oxcarbazepine; Repetitive; Peripheral nerve; (Animal) (Ichikawa, K. (420) 119)

Exploratory behavior

α_1 -Adrenoceptor; Terazosin; Prazosin; Binding, ex vivo; Motor activity (Stone, E.A. (420) 97)

FK506-binding protein (FKBP)

FK506 (tacrolimus); α_1 -Acid glycoprotein; Glucocorticoid (Shimoishi, K. (420) 91)

FK506 (tacrolimus)

α_1 -Acid glycoprotein; Glucocorticoid; FK506-binding protein (FKBP) (Shimoishi, K. (420) 91)

Forced swimming test

5-HT_{1A} receptor; Intrinsic activity; [³⁵S]GTP γ S binding; cAMP; Antidepressant; (Rat) (Koek, W. (420) 103)

Gastric acid secretion

Nitric oxide (NO); Histamine; Enterochromaffin-like cell; Stomach, isolated, mouse (Hasebe, K. (420) 159)

Gastritis

Helicobacter pylori; Lipopolysaccharide; Duodenum; Inflammation; Nitric oxide (NO) synthase inhibitor; Nitric oxide (NO) synthase, inducible (Kiss, J. (420) 175)

Glia

Neurogenesis; Antidepressant (Manev, R. (420) R1)

Glucocorticoid

FK506 (tacrolimus); α_1 -Acid glycoprotein; FK506-binding protein (FKBP) (Shimoishi, K. (420) 91)

Heart failure

Vascular function; Losartan; Hydrochlorothiazide; Cardiomyopathic hamster (Crespo, M.J. (420) 133)

Heart, rat

Preconditioning; CGRP (calcitonin gene-related peptide); TNF- α (tumor necrosis factor- α); NO (nitric oxide) (He, S.-Y. (420) 143)

Helicobacter pylori

Lipopolysaccharide; Gastritis; Duodenum; Inflammation; Nitric oxide (NO) synthase inhibitor; Nitric oxide (NO) synthase, inducible (Kiss, J. (420) 175)

Histamine

Nitric oxide (NO); Gastric acid secretion; Enterochromaffin-like cell; Stomach, isolated, mouse (Hasebe, K. (420) 159)

HL-60 cell

Capsaicin; Cell differentiation; Protein kinase C (Kang, S.N. (420) 83)

5-HT (5-hydroxytryptamine, serotonin)

Tardive dyskinesia; Vacuous chewing movement; Neuroleptic; 5-HT₃ receptor antagonist (Naidu, P.S. (420) 113)

5-HT_{1A} receptor

Intrinsic activity; [³⁵S]GTP γ S binding; cAMP; Forced swimming test; Antidepressant; (Rat) (Koek, W. (420) 103)

5-HT₃ receptor antagonist

Tardive dyskinesia; Vacuous chewing movement; Neuroleptic; 5-HT (5-hydroxytryptamine, serotonin) (Naidu, P.S. (420) 113)

Hydrochlorothiazide

Vascular function; Losartan; Heart failure; Cardiomyopathic hamster (Crespo, M.J. (420) 133)

Inflammation

Helicobacter pylori; Lipopolysaccharide; Gastritis; Duodenum; Nitric oxide (NO) synthase inhibitor; Nitric oxide (NO) synthase, inducible (Kiss, J. (420) 175)

Ins(1,4,5)P₃

Angiotensin II, intracellular; Liposome; Ca²⁺ influx; Ca²⁺ release; A7r5 cell (Filipeanu, C.M. (420) 9)

Intrinsic activity

5-HT_{1A} receptor; [³⁵S]GTPγS binding; cAMP; Forced swimming test; Antidepressant; (Rat) (Koek, W. (420) 103)

Inverse agonist

Adenylyl cyclase stimulation; Antipsychotic; Baculovirus expression; Dopamine D1 receptor; Dopamine receptor (Martin, M.W. (420) 73)

Lipopolysaccharide

Helicobacter pylori; Gastritis; Duodenum; Inflammation; Nitric oxide (NO) synthase inhibitor; Nitric oxide (NO) synthase, inducible (Kiss, J. (420) 175)

Liposome

Angiotensin II, intracellular; Ca²⁺ influx; Ca²⁺ release; Ins(1,4,5)P₃; A7r5 cell (Filipeanu, C.M. (420) 9)

Locomotion

Cannabinoid; Vanilloid; Endocannabinoid; Receptor; Basal ganglia (Di Marzo, V. (420) 123)

Losartan

Vascular function; Hydrochlorothiazide; Heart failure; Cardiomyopathic hamster (Crespo, M.J. (420) 133)

MAD (mitogen-activated protein) kinase

Adenosine A₃ receptor; c-fos Promoter; CHO (chinese hamster ovary) cell (Graham, S. (420) 19)

Mode of action

Aniracetam; Anxiety; Social interaction; Elevated plus-maze; Conditioned fear stress (Nakamura, K. (420) 33)

Motor activity

α₁-Adrenoceptor; Terazosin; Prazosin; Binding, ex vivo; Exploratory behavior (Stone, E.A. (420) 97)

Na⁺/H⁺ exchanger inhibitor

T-162559; Na⁺/H⁺ exchanger isoform (Kawamoto, T. (420) 1)

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Neurogenesis

Antidepressant; Glia (Manev, R. (420) R1)

Neuroleptic

Tardive dyskinesia; Vacuous chewing movement; 5-HT (5-hydroxytryptamine, serotonin); 5-HT₃ receptor antagonist (Naidu, P.S. (420) 113)

Neuroprotection

P2 receptor; PPADS (Krügel, U. (420) R3)

Nitric oxide (NO)

Phosphodiesterase inhibitor; Phosphodiesterase; Cerebral artery; Vasodilatation; cGMP (Kruuse, C. (420) 55)

Nitric Oxide (NO)

Tracheal reactivity; Acetylcholinesterase; Epithelium; (Guinea pig) (Folkerts, G. (420) 151)

Nitric oxide (NO)

Gastric acid secretion; Histamine; Enterochromaffin-like cell; Stomach, isolated, mouse (Hasebe, K. (420) 159)

Nitric oxide (NO) synthase, inducible

Helicobacter pylori; Lipopolysaccharide; Gastritis; Duodenum; Inflammation; Nitric oxide (NO) synthase inhibitor (Kiss, J. (420) 175)

Nitric oxide (NO) synthase inhibitor

Helicobacter pylori; Lipopolysaccharide; Gastritis; Duodenum; Inflammation; Nitric oxide (NO) synthase, inducible (Kiss, J. (420) 175)

Nitroxidergic nerve, nitrenergic

Sumatriptan; Acetylcholine; Cerebral artery (Ayajiki, K. (420) 67)

NO (nitric oxide)

Preconditioning; CGRP (calcitonin gene-related peptide); TNF-α (tumor necrosis factor-alpha); Heart, rat (He, S.-Y. (420) 143)

8-OH-DPAT

Repeated nicotine treatment; DOI (Olausson, P. (420) 45)

Oxcarbazepine

Excitation; Repetitive; Peripheral nerve; (Animal) (Ichikawa, K. (420) 119)

Peripheral nerve

Oxcarbazepine; Excitation; Repetitive; (Animal) (Ichikawa, K. (420) 119)

Phosphodiesterase

Phosphodiesterase inhibitor; Cerebral artery; Vasodilatation; Nitric oxide (NO); cGMP (Kruuse, C. (420) 55)

Phosphodiesterase inhibitor

Phosphodiesterase; Cerebral artery; Vasodilatation; Nitric oxide (NO); cGMP (Kruuse, C. (420) 55)

PPADS

Neuroprotection; P2 receptor (Krügel, U. (420) R3)

Prazosin

α₁-Adrenoceptor; Terazosin; Binding, ex vivo; Exploratory behavior; Motor activity (Stone, E.A. (420) 97)

P2 receptor

Neuroprotection; PPADS (Krügel, U. (420) R3)

Preconditioning

CGRP (calcitonin gene-related peptide); TNF-α (tumor necrosis factor-alpha); NO (nitric oxide); Heart, rat (He, S.-Y. (420) 143)

Protein kinase C

Capsaicin; Cell differentiation; HL-60 cell (Kang, S.N. (420) 83)

Receptor

Cannabinoid; Vanilloid; Locomotion; Endocannabinoid; Basal ganglia (Di Marzo, V. (420) 123)

Repeated nicotine treatment

8-OH-DPAT; DOI (Olausson, P. (420) 45)

Repetitive

Oxcarbazepine; Excitation; Peripheral nerve; (Animal) (Ichikawa, K. (420) 119)

[³⁵S]GTPγS binding

5-HT_{1A} receptor; Intrinsic activity; cAMP; Forced swimming test; Antidepressant; (Rat) (Koek, W. (420) 103)

Social interaction

Aniracetam; Anxiety; Elevated plus-maze; Conditioned fear stress; Mode of action (Nakamura, K. (420) 33)

Stomach, isolated, mouse

Nitric oxide (NO); Gastric acid secretion; Histamine; Enterochromaffin-like cell (Hasebe, K. (420) 159)

Sumatriptan

Acetylcholine; Nitroxidergic nerve, nitrenergic; Cerebral artery (Ayajiki, K. (420) 67)

T-162559

Na⁺/H⁺ exchanger isoform; Na⁺/H⁺ exchanger inhibitor (Kawamoto, T. (420) 1)

Tardive dyskinesia

Vacuous chewing movement; Neuroleptic; 5-HT (5-hydroxytryptamine, serotonin); 5-HT₃ receptor antagonist (Naidu, P.S. (420) 113)

Terazosin

α₁-Adrenoceptor; Prazosin; Binding, ex vivo; Exploratory behavior; Motor activity (Stone, E.A. (420) 97)

T lymphocyte

Asthma; Airway inflammation; Eosinophil; Cyclosporin A; (Rat) (Underwood, S.L. (420) 165)

TNF-α (tumor necrosis factor-alpha)

Preconditioning; CGRP (calcitonin gene-related peptide); NO (nitric oxide); Heart, rat (He, S.-Y. (420) 143)

Tracheal reactivity

Acetylcholinesterase; Nitric Oxide (NO); Epithelium; (Guinea pig) (Folkerts, G. (420) 151)

Vacuous chewing movement

Tardive dyskinesia; Neuroleptic; 5-HT (5-hydroxytryptamine, serotonin); 5-HT₃ receptor antagonist (Naidu, P.S. (420) 113)

Vanilloid

Cannabinoid; Locomotion; Endocannabinoid; Receptor; Basal ganglia (Di Marzo, V. (420) 123)

Vascular function

Losartan; Hydrochlorothiazide; Heart failure; Cardiomyopathic hamster (Crespo, M.J. (420) 133)

Vasodilatation

Phosphodiesterase inhibitor; Phosphodiesterase; Cerebral artery; Nitric oxide (NO); cGMP (Kruuse, C. (420) 55)