

Keyword index

Acetyl-CoA carboxylase

VLDL (very-low-density lipoprotein) particle production; Sterol synthesis; Fatty acid synthesis; HMG-CoA reductase; VLDL (very low density lipoprotein) secretion (Ohmori, K. (471) 69)

Adenosine

Epileptiform; Hippocampal slice; Organophosphate; Sarin; (Guinea pig) (Harrison, P.K. (471) 97)

α_1 -Adrenoceptor

Vas deferens; (Rat); Castration; Testosterone (Campos, M. (471) 149)

Adrenoceptor agent

Jumping; Histamine; Morphine; Naloxone; (Mouse) (Zarrindast, M.-R. (471) 105)

Adrenoceptor subtype

Mydriasis; (Rat); Norepinephrine; 5-Methylurapidil; L-765314 (Yu, Y. (471) 135)

Agonist

Cytisine; Nicotinic receptor, neuronal; Antagonist; Partial agonist; Binding; FLIPR; Electrophysiology (Carbonnelle, E. (471) 85)

Airway C-fiber

Vanilloid VR1 receptor; Olvanil; Capsaicin-sensitive C-fiber; Vanilloid (Stebbins, K.J. (471) 205)

Allosteric modulation

GABA_B receptor; cAMP; CGP7930; Brain, rat (Onali, P. (471) 77)

Allosteric modulator

Nicotinic receptor; Levamisole; Potentiation; Inhibition; Oocyte (Levan-doski, M.M. (471) 9)

Alpinia galanga

1'S-1'-Acetoxychavicol acetate; Necrotizing agent-induced gastric lesion; Prostaglandin; Sulfhydryl compound (Matsuda, H. (471) 59)

Alveolar macrophage

Nitric oxide synthesis; Phosphodiesterase; Lipopolysaccharides; Arginase; iNOS (Koschorreck, S. (471) 229)

Amyotrophic lateral sclerosis

GCP II; Glutamate; NAA; NAALADase; Neuroprotection; Motor neuron disorder (Thomas, A.G. (471) 177)

Anococcygeus, mouse

Caliculin-A; Nitrergic relaxation; Thapsigargin (Gibson, A. (471) 213)

Antagonist

Cytisine; Nicotinic receptor, neuronal; Agonist; Partial agonist; Binding; FLIPR; Electrophysiology (Carbonnelle, E. (471) 85)

Antipsychotic

Depressant; Cannabinoid; SR 141716A (Wiley, J.L. (471) 185)

Apoptosis

Selenite; JNK; c-Jun; p53; p21^{WAF1/CIP1} (Nango, R. (471) 1)

Arginase

Alveolar macrophage; Nitric oxide synthesis; Phosphodiesterase; Lipopolysaccharides; iNOS (Koschorreck, S. (471) 229)

Atopic dermatitis

NC/Nga, mouse; Scratching; Itch; MicroAct (Takano, N. (471) 223)

Benign prostatic hyperplasia

LNCAp; PC-3; Intermediate-conductance K⁺ channel, intermediate-conducting, Ca²⁺-activated; Riluzole; 1-EBIO (Parihar, A.S. (471) 157)

Benzodiazepine receptor, peripheral-type

PK11195; Ro5-4864; Depression; Steroid; (Mouse); Forced swimming test (Gavioli, E.C. (471) 21)

Binding

Cytisine; Nicotinic receptor, neuronal; Agonist; Antagonist; Partial agonist; FLIPR; Electrophysiology (Carbonnelle, E. (471) 85)

Bioassay

Lycium barbarum; Polysaccharide-protein complex; Cytokine; Gene expression (Gan, L. (471) 217)

Brain, rat

GABA_B receptor; cAMP; CGP7930; Allosteric modulation (Onali, P. (471) 77)

Ca²⁺ channel

Morphine withdrawal; Protein kinase A; Protein kinase C; Noradrenaline turnover; Heart (Martínez, M.D. (471) 113)

Ca²⁺, intracellular

Dantrolene; Myocardial infarction; Myocardial contractility (Min, J.-Y. (471) 41)

Caliculin-A

Anococcygeus, mouse; Nitrergic relaxation; Thapsigargin (Gibson, A. (471) 213)

cAMP

GABA_B receptor; CGP7930; Allosteric modulation; Brain, rat (Onali, P. (471) 77)

Cannabinoid

Antipsychotic; Depressant; SR 141716A (Wiley, J.L. (471) 185)

Capsaicin-sensitive C-fiber

Vanilloid VR1 receptor; Olvanil; Airway C-fiber; Vanilloid (Stebbins, K.J. (471) 205)

Castration

α_1 -Adrenoceptor; Vas deferens; (Rat); Testosterone (Campos, M. (471) 149)

CGP7930

GABA_B receptor; cAMP; Allosteric modulation; Brain, rat (Onali, P. (471) 77)

Choline

Nicotinic receptor; Sympathetic neurone; Intracellular Ca²⁺; Indo1 (Seddik, R. (471) 165)

c-Jun

Selenite; Apoptosis; JNK; p53; p21^{WAF1/CIP1} (Nango, R. (471) 1)

Conditioned taste aversion

Lithium chloride; Nefazodone; Corticosterone (Gorzalka, B. (471) 129)

Conflict drinking test

5-HT_{1A} receptor antagonist; *p*-Chloroamphetamine; Flumazenil; (Rat) (Wesołowska, A. (471) 27)

Coronary artery

Diabetes; Vasopressin; Gender; Renal artery; K⁺ channel (Sanz, E. (471) 35)

Corticosterone

Lithium chloride; Conditioned taste aversion; Nefazodone (Gorzalka, B. (471) 129)

Cytisine

Nicotinic receptor, neuronal; Agonist; Antagonist; Partial agonist; Binding; FLIPR; Electrophysiology (Carbonnelle, E. (471) 85)

Cytokine

Lycium barbarum; Polysaccharide-protein complex; Gene expression; Bioassay (Gan, L. (471) 217)

Dantrolene

Myocardial infarction; Ca²⁺, intracellular; Myocardial contractility (Min, J.-Y. (471) 41)

Depressant

Antipsychotic; Cannabinoid; SR 141716A (Wiley, J.L. (471) 185)

Depression

Benzodiazepine receptor, peripheral-type; PK11195; Ro5-4864; Steroid; (Mouse); Forced swimming test (Gavioli, E.C. (471) 21)

Diabetes

Vasopressin; Gender; Renal artery; Coronary artery; K⁺ channel (Sanz, E. (471) 35)

Diabetes mellitus

Vascular contraction; Diacylglycerol; Otsuka Long-Evans Tokushima Fatty (OLETF), rat; Streptozotocin (Nobe, K. (471) 195)

Diacylglycerol

Diabetes mellitus; Vascular contraction; Otsuka Long-Evans Tokushima Fatty (OLETF), rat; Streptozotocin (Nobe, K. (471) 195)

1-EBIO

LNCP; PC-3; Intermediate-conductance K⁺ channel, intermediate-conducting, Ca²⁺-activated; Riluzole; Benign prostatic hyperplasia (Parihar, A.S. (471) 157)

Electrophysiology

Cytisine; Nicotinic receptor, neuronal; Agonist; Antagonist; Partial agonist; Binding; FLIPR (Carbonnelle, E. (471) 85)

Enteric nervous system

Submucous plexus; Small intestine; Synaptic transmission; Galanin (Liu, S. (471) 49)

Epileptiform

Adenosine; Hippocampal slice; Organophosphate; Sarin; (Guinea pig) (Harrison, P.K. (471) 97)

Fatty acid synthesis

VLDL (very-low-density lipoprotein) particle production; Sterol synthesis; HMG-CoA reductase; Acetyl-CoA carboxylase; VLDL (very low density lipoprotein) secretion (Ohmori, K. (471) 69)

Fixed ratio

NMDA; Nitric oxide (NO); Operant behavior; (Rat) (Smith, J.B. (471) 121)

FLIPR

Cytisine; Nicotinic receptor, neuronal; Agonist; Antagonist; Partial agonist; Binding; Electrophysiology (Carbonnelle, E. (471) 85)

Flumazenil

5-HT_{1A} receptor antagonist; *p*-Chloroamphetamine; Conflict drinking test; (Rat) (Wesołowska, A. (471) 27)

Forced swimming test

Benzodiazepine receptor, peripheral-type; PK11195; Ro5-4864; Depression; Steroid; (Mouse) (Gavioli, E.C. (471) 21)

GABA_B receptor

cAMP; CGP7930; Allosteric modulation; Brain, rat (Onali, P. (471) 77)

Galanin

Enteric nervous system; Submucous plexus; Small intestine; Synaptic transmission (Liu, S. (471) 49)

GCP II

Amyotrophic lateral sclerosis; Glutamate; NAAG; NAALADase; Neuroprotection; Motor neuron disorder (Thomas, A.G. (471) 177)

Gender

Diabetes; Vasopressin; Renal artery; Coronary artery; K⁺ channel (Sanz, E. (471) 35)

Gene expression

Lycium barbarum; Polysaccharide-protein complex; Cytokine; Bioassay (Gan, L. (471) 217)

Glutamate

Amyotrophic lateral sclerosis; GCP II; NAAG; NAALADase; Neuroprotection; Motor neuron disorder (Thomas, A.G. (471) 177)

(Guinea pig)

Epileptiform; Adenosine; Hippocampal slice; Organophosphate; Sarin (Harrison, P.K. (471) 97)

Heart

Morphine withdrawal; Protein kinase A; Protein kinase C; Ca²⁺ channel; Noradrenaline turnover (Martínez, M.D. (471) 113)

Hippocampal slice

Epileptiform; Adenosine; Organophosphate; Sarin; (Guinea pig) (Harrison, P.K. (471) 97)

Histamine

Jumping; Morphine; Naloxone; Adrenoceptor agent; (Mouse) (Zarrindast, M.-R. (471) 105)

Mast cell; PAR (proteinase-activated receptor); PAR-activating peptide (PAR-AP); Thrombin; Peritonitis (Dugina, T.N. (471) 141)

HMG-CoA reductase

VLDL (very-low-density lipoprotein) particle production; Sterol synthesis; Fatty acid synthesis; Acetyl-CoA carboxylase; VLDL (very low density lipoprotein) secretion (Ohmori, K. (471) 69)

5-HT_{1A} receptor antagonist

p-Chloroamphetamine; Flumazenil; Conflict drinking test; (Rat) Wesolowska, A. (471) 27)

Indo1

Choline; Nicotinic receptor; Sympathetic neurone; Intracellular Ca²⁺ (Seddik, R. (471) 165)

Inhibition

Nicotinic receptor; Levamisole; Potentiation; Allosteric modulator; Oocyte (Levandoski, M.M. (471) 9)

iNOS

Alveolar macrophage; Nitric oxide synthesis; Phosphodiesterase; Lipopolysaccharides; Arginase (Koschorreck, S. (471) 229)

Intermediate-conductance K⁺ channel, intermediate-conducting, Ca²⁺-activated

LNCaP; PC-3; Riluzole; 1-EBIO; Benign prostatic hyperplasia (Parihar, A.S. (471) 157)

Intracellular Ca²⁺

Choline; Nicotinic receptor; Sympathetic neurone; Indo1 (Seddik, R. (471) 165)

Itch

Atopic dermatitis; NC/Nga, mouse; Scratching; MicroAct (Takano, N. (471) 223)

JNK

Selenite; Apoptosis; c-Jun; p53; p21^{WAF1/CIP1} (Nango, R. (471) 1)

Jumping

Histamine; Morphine; Naloxone; Adrenoceptor agent; (Mouse) (Zarrindast, M.-R. (471) 105)

K⁺ channel

Diabetes; Vasopressin; Gender; Renal artery; Coronary artery (Sanz, E. (471) 35)

L-765314

Adrenoceptor subtype; Mydriasis; (Rat); Norepinephrine; 5-Methylurapidil (Yu, Y. (471) 135)

Levamisole

Nicotinic receptor; Potentiation; Inhibition; Allosteric modulator; Oocyte (Levandoski, M.M. (471) 9)

Lipopolysaccharide

Alveolar macrophage; Nitric oxide synthesis; Phosphodiesterase; Arginase; iNOS (Koschorreck, S. (471) 229)

Lithium chloride

Conditioned taste aversion; Nefazodone; Corticosterone (Gorzalka, B. (471) 129)

LNCaP

PC-3; Intermediate-conductance K⁺ channel, intermediate-conducting, Ca²⁺-activated; Riluzole; 1-EBIO; Benign prostatic hyperplasia (Parihar, A.S. (471) 157)

Lycium barbarum

Polysaccharide-protein complex; Cytokine; Gene expression; Bioassay (Gan, L. (471) 217)

Mast cell

PAR (proteinase-activated receptor); PAR-activating peptide (PAR-AP); Thrombin; Histamine; Peritonitis (Dugina, T.N. (471) 141)

5-Methylurapidil

Adrenoceptor subtype; Mydriasis; (Rat); Norepinephrine; L-765314 (Yu, Y. (471) 135)

MicroAct

Atopic dermatitis; NC/Nga, mouse; Scratching; Itch (Takano, N. (471) 223)

Morphine

Jumping; Histamine; Naloxone; Adrenoceptor agent; (Mouse) (Zarrindast, M.-R. (471) 105)

Morphine withdrawal

Protein kinase A; Protein kinase C; Ca²⁺ channel; Noradrenaline turnover; Heart (Martínez, M.D. (471) 113)

Motor neuron disorder

Amyotrophic lateral sclerosis; GCP II; Glutamate; NAAG; NAALADase; Neuroprotection (Thomas, A.G. (471) 177)

(Mouse)

Benzodiazepine receptor, peripheral-type; PK11195; Ro5-4864; Depression; Steroid; Forced swimming test (Gavioli, E.C. (471) 21)

Jumping; Histamine; Morphine; Naloxone; Adrenoceptor agent (Zarrindast, M.-R. (471) 105)

Mydriasis

Adrenoceptor subtype; (Rat); Norepinephrine; 5-Methylurapidil; L-765314 (Yu, Y. (471) 135)

Myocardial contractility

Dantrolene; Myocardial infarction; Ca²⁺, intracellular (Min, J.-Y. (471) 41)

Myocardial infarction

Dantrolene; Ca²⁺, intracellular; Myocardial contractility (Min, J.-Y. (471) 41)

NAAG

Amyotrophic lateral sclerosis; GCP II; Glutamate; NAALADase; Neuroprotection; Motor neuron disorder (Thomas, A.G. (471) 177)

NAALADase

Amyotrophic lateral sclerosis; GCP II; Glutamate; NAAG; Neuroprotection; Motor neuron disorder (Thomas, A.G. (471) 177)

Naloxone

Jumping; Histamine; Morphine; Adrenoceptor agent; (Mouse) (Zarrindast, M.-R. (471) 105)

NC/Nga, mouse

Atopic dermatitis; Scratching; Itch; MicroAct (Takano, N. (471) 223)

Necrotizing agent-induced gastric lesion

Alpinia galanga; 1'-S-1'-Acetoxychavicol acetate; Prostaglandin; Sulfhydryl compound (Matsuda, H. (471) 59)

Nefazodone

Lithium chloride; Conditioned taste aversion; Corticosterone (Gorzalka, B. (471) 129)

Neuroprotection

Amyotrophic lateral sclerosis; GCP II; Glutamate; NAAG; NAALADase; Motor neuron disorder (Thomas, A.G. (471) 177)

Nicotinic receptor

Levamisole; Potentiation; Inhibition; Allosteric modulator; Oocyte (Levandoski, M.M. (471) 9)

Choline; Sympathetic neurone; Intracellular Ca^{2+} ; Indo1 (Seddik, R. (471) 165)

Nicotinic receptor, neuronal

Cytisine; Agonist; Antagonist; Partial agonist; Binding; FLIPR; Electrophysiology (Carbonnelle, E. (471) 85)

Nitrgergic relaxation

Anococcygeus, mouse; Calyculin-A; Thapsigargin (Gibson, A. (471) 213)

Nitric oxide (NO)

NMDA; Operant behavior; Fixed ratio; (Rat) (Smith, J.B. (471) 121)

Nitric oxide synthesis

Alveolar macrophage; Phosphodiesterase; Lipopolysaccharides; Arginase; iNOS (Koschorreck, S. (471) 229)

NMDA

Nitric oxide (NO); Operant behavior; Fixed ratio; (Rat) (Smith, J.B. (471) 121)

Noradrenaline turnover

Morphine withdrawal; Protein kinase A; Protein kinase C; Ca^{2+} channel; Heart (Martínez, M.D. (471) 113)

Norepinephrine

Adrenoceptor subtype; Mydriasis; (Rat); 5-Methylurapidil; L-765314 (Yu, Y. (471) 135)

Olvanil

Vanilloid VR1 receptor; Capsaicin-sensitive C-fiber; Airway C-fiber; Vanilloid (Stebbins, K.J. (471) 205)

Oocyte

Nicotinic receptor; Levamisole; Potentiation; Inhibition; Allosteric modulator (Levandowski, M.M. (471) 9)

Operant behavior

NMDA; Nitric oxide (NO); Fixed ratio; (Rat) (Smith, J.B. (471) 121)

Organophosphate

Epileptiform; Adenosine; Hippocampal slice; Sarin; (Guinea pig) (Harrison, P.K. (471) 97)

Otsuka Long-Evans Tokushima Fatty (OLETF), rat

Diabetes mellitus; Vascular contraction; Diacylglycerol; Streptozotocin (Nobe, K. (471) 195)

p21^{WAF1/CIP1}

Selenite; Apoptosis; JNK; c-Jun; p53 (Nango, R. (471) 1)

p53

Selenite; Apoptosis; JNK; c-Jun; p21^{WAF1/CIP1} (Nango, R. (471) 1)

PAR (proteinase-activated receptor)

Mast cell; PAR-activating peptide (PAR-AP); Thrombin; Histamine; Peritonitis (Dugina, T.N. (471) 141)

PAR-activating peptide (PAR-AP)

Mast cell; PAR (proteinase-activated receptor); Thrombin; Histamine; Peritonitis (Dugina, T.N. (471) 141)

Partial agonist

Cytisine; Nicotinic receptor, neuronal; Agonist; Antagonist; Binding; FLIPR; Electrophysiology (Carbonnelle, E. (471) 85)

PC-3

LNcap; Intermediate-conductance K^{+} channel, intermediate-conducting, Ca^{2+} -activated; Riluzole; 1-EBIO; Benign prostatic hyperplasia (Parihar, A.S. (471) 157)

p-Chloroamphetamine

5-HT_{1A} receptor antagonist; Flumazenil; Conflict drinking test; (Rat) (Wesołowska, A. (471) 27)

Peritonitis

Mast cell; PAR (proteinase-activated receptor); PAR-activating peptide (PAR-AP); Thrombin; Histamine (Dugina, T.N. (471) 141)

Phosphodiesterase

Alveolar macrophage; Nitric oxide synthesis; Lipopolysaccharides; Arginase; iNOS (Koschorreck, S. (471) 229)

PK11195

Benzodiazepine receptor, peripheral-type; Ro5-4864; Depression; Steroid; (Mouse); Forced swimming test (Gavioli, E.C. (471) 21)

Polysaccharide-protein complex

Lycium barbarum; Cytokine; Gene expression; Bioassay (Gan, L. (471) 217)

Potentiation

Nicotinic receptor; Levamisole; Inhibition; Allosteric modulator; Oocyte (Levandowski, M.M. (471) 9)

Prostaglandin

Alpinia galanga; 1'-S-1'-Acetoxychavicol acetate; Necrotizing agent-induced gastric lesion; Sulfhydryl compound (Matsuda, H. (471) 59)

Protein kinase A

Morphine withdrawal; Protein kinase C; Ca^{2+} channel; Noradrenaline turnover; Heart (Martínez, M.D. (471) 113)

Protein kinase C

Morphine withdrawal; Protein kinase A; Ca^{2+} channel; Noradrenaline turnover; Heart (Martínez, M.D. (471) 113)

(Rat)

5-HT_{1A} receptor antagonist; p-Chloroamphetamine; Flumazenil; Conflict drinking test (Wesołowska, A. (471) 27)

NMDA; Nitric oxide (NO); Operant behavior; Fixed ratio (Smith, J.B. (471) 121)

Adrenoceptor subtype; Mydriasis; Norepinephrine; 5-Methylurapidil; L-765314 (Yu, Y. (471) 135)

α_1 -Adrenoceptor; Vas deferens; Castration; Testosterone (Campos, M. (471) 149)

Renal artery

Diabetes; Vasopressin; Gender; Coronary artery; K^+ channel (Sanz, E. (471) 35)

Riluzole

LNCaP; PC-3; Intermediate-conductance K^+ channel, intermediate-conducting, Ca^{2+} -activated; 1-EBIO; Benign prostatic hyperplasia (Parihar, A.S. (471) 157)

Ro5-4864

Benzodiazepine receptor, peripheral-type; PK11195; Depression; Steroid; (Mouse); Forced swimming test (Gavioli, E.C. (471) 21)

1'S-1'-Acetoxychavicol acetate

Alpinia galanga; Necrotizing agent-induced gastric lesion; Prostaglandin; Sulfhydryl compound (Matsuda, H. (471) 59)

Sarin

Epileptiform; Adenosine; Hippocampal slice; Organophosphate; (Guinea pig) (Harrison, P.K. (471) 97)

Scratching

Atopic dermatitis; NC/Nga, mouse; Itch; MicroAct (Takano, N. (471) 223)

Selenite

Apoptosis; JNK; c-Jun; p53; p21^{WAF1/CIP1} (Nango, R. (471) 1)

Small intestine

Enteric nervous system; Submucous plexus; Synaptic transmission; Galanin (Liu, S. (471) 49)

SR 141716A

Antipsychotic; Depressant; Cannabinoid (Wiley, J.L. (471) 185)

Steroid

Benzodiazepine receptor, peripheral-type; PK11195; Ro5-4864; Depression; (Mouse); Forced swimming test (Gavioli, E.C. (471) 21)

Sterol synthesis

VLDL (very-low-density lipoprotein) particle production; Fatty acid synthesis; HMG-CoA reductase; Acetyl-CoA carboxylase; VLDL (very low density lipoprotein) secretion (Ohmori, K. (471) 69)

Streptozotocin

Diabetes mellitus; Vascular contraction; Diacylglycerol; Otsuka Long-Evans Tokushima Fatty (OLETF), rat (Nobe, K. (471) 195)

Submucous plexus

Enteric nervous system; Small intestine; Synaptic transmission; Galanin (Liu, S. (471) 49)

Sulfhydryl compound

Alpinia galanga; 1'S-1'-Acetoxychavicol acetate; Necrotizing agent-induced gastric lesion; Prostaglandin (Matsuda, H. (471) 59)

Sympathetic neurone

Choline; Nicotinic receptor; Intracellular Ca^{2+} ; Indo1 (Seddik, R. (471) 165)

Synaptic transmission

Enteric nervous system; Submucous plexus; Small intestine; Galanin (Liu, S. (471) 49)

Testosterone

α_1 -Adrenoceptor; Vas deferens; (Rat); Castration (Campos, M. (471) 149)

Thapsigargin

Anococcygeus, mouse; Calyculin-A; Nitroergic relaxation (Gibson, A. (471) 213)

Thrombin

Mast cell; PAR (proteinase-activated receptor); PAR-activating peptide (PAR-AP); Histamine; Peritonitis (Dugina, T.N. (471) 141)

Vanilloid

Vanilloid VR1 receptor; Olvanil; Capsaicin-sensitive C-fiber; Airway C-fiber (Stebbins, K.J. (471) 205)

Vanilloid VR1 receptor

Olvanil; Capsaicin-sensitive C-fiber; Airway C-fiber; Vanilloid (Stebbins, K.J. (471) 205)

Vascular contraction

Diabetes mellitus; Diacylglycerol; Otsuka Long-Evans Tokushima Fatty (OLETF), rat; Streptozotocin (Nobe, K. (471) 195)

Vas deferens

α_1 -Adrenoceptor; (Rat); Castration; Testosterone (Campos, M. (471) 149)

Vasopressin

Diabetes; Gender; Renal artery; Coronary artery; K^+ channel (Sanz, E. (471) 35)

VLDL (very-low-density lipoprotein) particle production

Sterol synthesis; Fatty acid synthesis; HMG-CoA reductase; Acetyl-CoA carboxylase; VLDL (very low density lipoprotein) secretion (Ohmori, K. (471) 69)

VLDL (very low density lipoprotein) secretion

VLDL (very-low-density lipoprotein) particle production; Sterol synthesis; Fatty acid synthesis; HMG-CoA reductase; Acetyl-CoA carboxylase (Ohmori, K. (471) 69)