

Keyword index

Adrenal gland

Vasopressin; CRH (corticotropin-releasing hormone); Cyclooxygenase; Thromboxane A₂ synthase; Brain; Adrenaline; Noradrenaline; Plasma; Sympathetic nerve (Okada, S. (467) 125)

Adrenaline

Vasopressin; CRH (corticotropin-releasing hormone); Cyclooxygenase; Thromboxane A₂ synthase; Brain; Noradrenaline; Plasma; Sympathetic nerve; Adrenal gland (Okada, S. (467) 125)

β-Adrenoceptor

Diabetes; Urinary bladder, rat; Relaxation; Streptozotocin (Kubota, Y. (467) 191)

α₂-Adrenoceptor agonist

Interleukin-12; p38 Mitogen-activated protein kinase; Macrophage (Kang, B.Y. (467) 223)

Alcohol

Opiate; Opioid; Cocaine; Amphetamine; Withdrawal; Benzodiazepine; Vocalization; Ultrasound; Distress (Covington III, H.E. (467) 1)

AMPA receptor antagonist

Intracerebral, hemorrhage; Hematoma; Neurological deficit; YM872 (Terai, K. (467) 95)

Amphetamine

Opiate; Opioid; Cocaine; Withdrawal; Benzodiazepine; Alcohol; Vocalization; Ultrasound; Distress (Covington III, H.E. (467) 1)

Bupropion; Heart; Contractility; Catecholamine (Cremers, B. (467) 169)

Amtolmetin guacyl

Intestine; Inflammation; Neuropeptide; (Rat) (Tubaro, E. (467) 173)

Anticonvulsant

Ca²⁺ channel, voltage-activated; Lamotrigine; Antiepileptic drug (Hainsworth, A.H. (467) 77)

Antiepileptic drug

Ca²⁺ channel, voltage-activated; Lamotrigine; Anticonvulsant (Hainsworth, A.H. (467) 77)

Antimuscarinic

5-HT receptor; Gastrointestinal motility; Muscarinic receptor; (Rat) (Axelsson, L.-G. (467) 211)

Antitussive effect

Endomorphin-1; Endomorphin-2; Cough reflex; μ-Opioid receptor; κ-Opioid receptor (Kamei, J. (467) 219)

Apoptosis

5-Fluorouracil; Apoptosis regulating protein; Carcinogenesis, cervical; Growth medium (Mo, B. (467) 15)

Phenylacetate derivative; Cell cycle; Caspase (Chan, H.-C. (467) 31)

Cerebellar granule cell; Fe ion; Tetramethylpyrazine; Ferulic acid (Zhang, Z. (467) 41)

Apoptosis regulating protein

5-Fluorouracil; Apoptosis; Carcinogenesis, cervical; Growth medium (Mo, B. (467) 15)

Asthma

Bradykinin; Bradykinin B₂ receptor; Bradykinin receptor antagonist; Rhinitis; FK3657 (Hirayama, Y. (467) 197)

Behavioral sensitization

Morphine; Locomotor activity; Nifedipine; Nimodipine; Verapamil (Zhang, Q. (467) 145)

Benzodiazepine

Opiate; Opioid; Cocaine; Amphetamine; Withdrawal; Alcohol; Vocalization; Ultrasound; Distress (Covington III, H.E. (467) 1)

Gaboxadol; THIP; Ethanol (Stórustovu, S. (467) 49)

Bradykinin

Bradykinin B₂ receptor; Bradykinin receptor antagonist; Asthma; Rhinitis; FK3657 (Hirayama, Y. (467) 197)

Bradykinin B₂ receptor

Bradykinin; Bradykinin receptor antagonist; Asthma; Rhinitis; FK3657 (Hirayama, Y. (467) 197)

Bradykinin receptor antagonist

Bradykinin; Bradykinin B₂ receptor; Asthma; Rhinitis; FK3657 (Hirayama, Y. (467) 197)

Brain

Vasopressin; CRH (corticotropin-releasing hormone); Cyclooxygenase; Thromboxane A₂ synthase; Adrenaline; Noradrenaline; Plasma; Sympathetic nerve; Adrenal gland (Okada, S. (467) 125)

Bupropion

Heart; Contractility; Catecholamine; Amphetamine (Cremers, B. (467) 169)

Ca²⁺ channel, voltage-activated

Lamotrigine; Antiepileptic drug; Anticonvulsant (Hainsworth, A.H. (467) 77)

Caco-2 cell

Interleukin-8; κ-Opioid receptor agonist; Opioid receptor (Neudeck, B.L. (467) 81)

Carcinogenesis, cervical

5-Fluorouracil; Apoptosis; Apoptosis regulating protein; Growth medium (Mo, B. (467) 15)

Caspase

Phenylacetate derivative; Cell cycle; Apoptosis (Chan, H.-C. (467) 31)

Catecholamine

Bupropion; Heart; Contractility; Amphetamine (Cremers, B. (467) 169)

Cell cycle

Phenylacetate derivative; Caspase; Apoptosis (Chan, H.-C. (467) 31)

Cerebellar granule cell

Fe ion; Apoptosis; Tetramethylpyrazine; Ferulic acid (Zhang, Z. (467) 41)

Cerebral ischemia

Delayed neuronal death; Hippocampus; Global ischemia; Locomotor activity; (Mongolian gerbil); Neuroprotective drug (Katsuta, K. (467) 103)

Cloning

Histamine H₃ receptor; Pharmacology; Splice variant (Chen, J. (467) 57)

Cocaine

Opiate; Opioid; Amphetamine; Withdrawal; Benzodiazepine; Alcohol; Vocalization; Ultrasound; Distress (Covington III, H.E. (467) 1)

Contractility

Bupropion; Heart; Catecholamine; Amphetamine (Cremers, B. (467) 169)

Contraction

Pulmonary artery; Stretch; Prostaglandin H₂; Integrin (Saito, M. (467) 151)

Cough reflex

Endomorphin-1; Endomorphin-2; Antitussive effect; μ -Opioid receptor; κ -Opioid receptor (Kamei, J. (467) 219)

CRH (corticotropin-releasing hormone)

Vasopressin; Cyclooxygenase; Thromboxane A₂ synthase; Brain; Adrenaline; Noradrenaline; Plasma; Sympathetic nerve; Adrenal gland (Okada, S. (467) 125)

Cyclooxygenase

Vasopressin; CRH (corticotropin-releasing hormone); Thromboxane A₂ synthase; Brain; Adrenaline; Noradrenaline; Plasma; Sympathetic nerve; Adrenal gland (Okada, S. (467) 125)

Cyclosporine A

FK506; Ileum, guinea pig; Tolerance; Dependence; Morphine (Mehr, S.E. (467) 205)

Delayed neuronal death

Hippocampus; Cerebral ischemia; Global ischemia; Locomotor activity; (Mongolian gerbil); Neuroprotective drug (Katsuta, K. (467) 103)

Dentate gyrus

Morphine; Norepinephrine; Locus coeruleus; Synaptic plasticity (Zhu, H. (467) 141)

Dependence

Cyclosporine A; FK506; Ileum, guinea pig; Tolerance; Morphine (Mehr, S.E. (467) 205)

 $\Delta 5$ desaturase

Statins; Linoleic acid (Ris  , P. (467) 73)

Diabetes

β -Adrenoceptor; Urinary bladder, rat; Relaxation; Streptozotocin (Kubota, Y. (467) 191)

Dinucleotide oxidized

Synaptophysin; GRP-78; Subcellular fractionation (Shepel, P.N. (467) 67)

Distress

Opiate; Opioid; Cocaine; Amphetamine; Withdrawal; Benzodiazepine; Alcohol; Vocalization; Ultrasound (Covington III, H.E. (467) 1)

Dopamine, mesolimbic

Ethanol; Nicotine; Nicotinic receptor; Microdialysis; (Rat) (Ericson, M. (467) 85)

Endomorphin-1

Endomorphin-2; Cough reflex; Antitussive effect; μ -Opioid receptor; κ -Opioid receptor (Kamei, J. (467) 219)

Endothelin receptor

Endothelin receptor antagonist; TA-0201; Prostate, human (Takahashi, M. (467) 185)

Endothelin receptor antagonist

TA-0201; Endothelin receptor; Prostate, human (Takahashi, M. (467) 185)

Estrogen

Infarct size; Progesterin; Raloxifene; Hypercholesterolemia (Sbarouni, E. (467) 163)

Ethanol

Gaboxadol; THIP; Benzodiazepine (St  rustovu, S. (467) 49)

Nicotine; Nicotinic receptor; Dopamine, mesolimbic; Microdialysis; (Rat) (Ericson, M. (467) 85)

Excitatory amino acid receptor

Phoneutria nigriventer venom; Hyperalgesia; Vanilloid receptor; Tachykinin receptor (Zanchet, E.M. (467) 111)

Fe ion

Cerebellar granule cell; Apoptosis; Tetramethylpyrazine; Ferulic acid (Zhang, Z. (467) 41)

Ferulic acid

Cerebellar granule cell; Fe ion; Apoptosis; Tetramethylpyrazine (Zhang, Z. (467) 41)

Fever

Nitric oxide (NO) synthase; Heme oxygenase; PDGF (platelet-derived growth factor) (Almeida, M.C. (467) 133)

FK3657

Bradykinin; Bradykinin B₂ receptor; Bradykinin receptor antagonist; Asthma; Rhinitis (Hirayama, Y. (467) 197)

Cyclosporine A; Ileum, guinea pig; Tolerance; Dependence; Morphine (Mehr, S.E. (467) 205)

5-Fluorouracil

Apoptosis; Apoptosis regulating protein; Carcinogenesis, cervical; Growth medium (Mo, B. (467) 15)

GABA (γ -Aminobutyric acid)

Nitric oxide (NO); Sodium nitroprusside; Hippocampus; Microdialysis (Hada, J. (467) 119)

Gaboxadol

THIP; Benzodiazepine; Ethanol (St  rustovu, S. (467) 49)

Gastrointestinal motility

Antimuscarinic; 5-HT receptor; Muscarinic receptor; (Rat) (Axelsson, L.-G. (467) 211)

Global ischemia

Delayed neuronal death; Hippocampus; Cerebral ischemia; Locomotor activity; (Mongolian gerbil); Neuroprotective drug (Katsuta, K. (467) 103)

Growth medium

5-Fluorouracil; Apoptosis; Apoptosis regulating protein; Carcinogenesis, cervical (Mo, B. (467) 15)

GRP-78

Synaptophysin; Dinucleotide oxidized; Subcellular fractionation (Shepel, P.N. (467) 67)

Heart

Bupropion; Contractility; Catecholamine; Amphetamine (Cremers, B. (467) 169)

Hematoma

Intracerebral, hemorrhage; Neurological deficit; AMPA receptor antagonist; YM872 (Terai, K. (467) 95)

Heme oxygenase

Nitric oxide (NO) synthase; Fever; PDGF (platelet-derived growth factor) (Almeida, M.C. (467) 133)

 δ - κ Heteromer

δ_1 -Opioid receptor; Norbinaltorphimine (Portoghese, P.S. (467) 233)

Hippocampus

Delayed neuronal death; Cerebral ischemia; Global ischemia; Locomotor activity; (Mongolian gerbil); Neuroprotective drug (Katsuta, K. (467) 103)

GABA (γ -Aminobutyric acid); Nitric oxide (NO); Sodium nitroprusside; Microdialysis (Hada, J. (467) 119)

Histamine H₃ receptor

Cloning; Pharmacology; Splice variant (Chen, J. (467) 57)

5-HT receptor

Antimuscarinic; Gastrointestinal motility; Muscarinic receptor; (Rat) (Axelsson, L.-G. (467) 211)

Hyperalgesia

Phoneutria nigriventer venom; Vanilloid receptor; Tachykinin receptor; Excitatory amino acid receptor (Zanchet, E.M. (467) 111)

Hypercholesterolemia

Infarct size; Estrogen; Progestin; Raloxifene (Sbarouni, E. (467) 163)

Ileum, guinea pig

Cyclosporine A; FK506; Tolerance; Dependence; Morphine (Mehr, S.E. (467) 205)

Infarct size

Estrogen; Progestin; Raloxifene; Hypercholesterolemia (Sbarouni, E. (467) 163)

Inflammation

Amtolmetin guacyl; Intestine; Neuropeptide; (Rat) (Tubaro, E. (467) 173)

Integrin

Pulmonary artery; Stretch; Contraction; Prostaglandin H₂ (Saito, M. (467) 151)

Interleukin-8

Caco-2 cell; κ -Opioid receptor agonist; Opioid receptor (Neudeck, B.L. (467) 81)

α_2 -Adrenoceptor agonist; p38 Mitogen-activated protein kinase; Macrophage (Kang, B.Y. (467) 223)

Intestine

Amtolmetin guacyl; Inflammation; Neuropeptide; (Rat) (Tubaro, E. (467) 173)

Intracerebral, hemorrhage

Hematoma; Neurological deficit; AMPA receptor antagonist; YM872 (Terai, K. (467) 95)

Lamotrigine

Ca²⁺ channel, voltage-activated; Antiepileptic drug; Anticonvulsant (Hainsworth, A.H. (467) 77)

Lidocaine

Na_v1.3 Na⁺ channel; Neonatal; β -Subunit; Oocyte (Lenkowski, P.W. (467) 23)

Linoleic acid

Statins; $\Delta 5$ desaturase (Ris  , P. (467) 73)

Locomotor activity

Delayed neuronal death; Hippocampus; Cerebral ischemia; Global ischemia; (Mongolian gerbil); Neuroprotective drug (Katsuta, K. (467) 103)

Morphine; Behavioral sensitization; Nifedipine; Nimodipine; Verapamil (Zhang, Q. (467) 145)

Locus coeruleus

Morphine; Dentate gyrus; Norepinephrine; Synaptic plasticity (Zhu, H. (467) 141)

Macrophage

α_2 -Adrenoceptor agonist; Interleukin-12; p38 Mitogen-activated protein kinase (Kang, B.Y. (467) 223)

Microdialysis

Ethanol; Nicotine; Nicotinic receptor; Dopamine, mesolimbic; (Rat) (Ericson, M. (467) 85)

GABA (γ -Aminobutyric acid); Nitric oxide (NO); Sodium nitroprusside; Hippocampus (Hada, J. (467) 119)

(Mongolian gerbil)

Delayed neuronal death; Hippocampus; Cerebral ischemia; Global ischemia; Locomotor activity; Neuroprotective drug (Katsuta, K. (467) 103)

Morphine

Dentate gyrus; Norepinephrine; Locus coeruleus; Synaptic plasticity (Zhu, H. (467) 141)

Locomotor activity; Behavioral sensitization; Nifedipine; Nimodipine; Verapamil (Zhang, Q. (467) 145)

Cyclosporine A; FK506; Ileum, guinea pig; Tolerance; Dependence (Mehr, S.E. (467) 205)

Muscarinic receptor

Antimuscarinic; 5-HT receptor; Gastrointestinal motility; (Rat) (Axelsson, L.-G. (467) 211)

Na_v1.3 Na⁺ channel

Neonatal; β -Subunit; Lidocaine; Oocyte (Lenkowski, P.W. (467) 23)

Neonatal

Na_v1.3 Na⁺ channel; β -Subunit; Lidocaine; Oocyte (Lenkowski, P.W. (467) 23)

Neurological deficit

Intracerebral, hemorrhage; Hematoma; AMPA receptor antagonist; YM872 (Terai, K. (467) 95)

Neuropeptide

Amolmetin guacyl; Intestine; Inflammation; (Rat) (Tubaro, E. (467) 173)

Neuroprotective drug

Delayed neuronal death; Hippocampus; Cerebral ischemia; Global ischemia; Locomotor activity; (Mongolian gerbil) (Katsuta, K. (467) 103)

Nicotine

Ethanol; Nicotinic receptor; Dopamine, mesolimbic; Microdialysis; (Rat) (Ericson, M. (467) 85)

Nicotinic receptor

Ethanol; Nicotine; Dopamine, mesolimbic; Microdialysis; (Rat) (Ericson, M. (467) 85)

Nifedipine

Morphine; Locomotor activity; Behavioral sensitization; Nimodipine; Verapamil (Zhang, Q. (467) 145)

Nimodipine

Morphine; Locomotor activity; Behavioral sensitization; Nifedipine; Verapamil (Zhang, Q. (467) 145)

Nitric oxide (NO)

GABA (γ -Aminobutyric acid); Sodium nitroprusside; Hippocampus; Microdialysis (Hada, J. (467) 119)

Nitric oxide (NO) synthase

Heme oxygenase; Fever; PDGF (platelet-derived growth factor) (Almeida, M.C. (467) 133)

Noradrenaline

Vasopressin; CRH (corticotropin-releasing hormone); Cyclooxygenase; Thromboxane A₂ synthase; Brain; Adrenaline; Plasma; Sympathetic nerve; Adrenal gland (Okada, S. (467) 125)

Norbinaltorphimine

δ_1 -Opioid receptor; δ - κ Heteromer (Portoghese, P.S. (467) 233)

Norepinephrine

Morphine; Dentate gyrus; Locus coeruleus; Synaptic plasticity (Zhu, H. (467) 141)

Oocyte

Na_v1.3 Na⁺ channel; Neonatal; β -Subunit; Lidocaine (Lenkowski, P.W. (467) 23)

Opiate

Opioid; Cocaine; Amphetamine; Withdrawal; Benzodiazepine; Alcohol; Vocalization; Ultrasound; Distress (Covington III, H.E. (467) 1)

Opioid

Opiate; Cocaine; Amphetamine; Withdrawal; Benzodiazepine; Alcohol; Vocalization; Ultrasound; Distress (Covington III, H.E. (467) 1)

Opioid receptor

Caco-2 cell; Interleukin-8; κ -Opioid receptor agonist (Neudeck, B.L. (467) 81)

Endomorphin-1; Endomorphin-2; Cough reflex; Antitussive effect; κ -Opioid receptor (Kamei, J. (467) 219)

δ - κ Heteromer; Norbinaltorphimine (Portoghese, P.S. (467) 233)

 κ -Opioid receptor agonist

Caco-2 cell; Interleukin-8; Opioid receptor (Neudeck, B.L. (467) 81)

PDGF (platelet-derived growth factor)

Nitric oxide (NO) synthase; Heme oxygenase; Fever (Almeida, M.C. (467) 133)

Pharmacology

Histamine H₃ receptor; Cloning; Splice variant (Chen, J. (467) 57)

Phenylacetate derivative

Cell cycle; Caspase; Apoptosis (Chan, H.-C. (467) 31)

Phoneutria nigriventer venom

Hyperalgesia; Vanilloid receptor; Tachykinin receptor; Excitatory amino acid receptor (Zanchet, E.M. (467) 111)

Plasma

Vasopressin; CRH (corticotropin-releasing hormone); Cyclooxygenase; Thromboxane A₂ synthase; Brain; Adrenaline; Noradrenaline; Sympathetic nerve; Adrenal gland (Okada, S. (467) 125)

p38 Mitogen-activated protein kinase

α_2 -Adrenoceptor agonist; Interleukin-12; Macrophage (Kang, B.Y. (467) 223)

Progesterin

Infarct size; Estrogen; Raloxifene; Hypercholesterolemia (Sbarouni, E. (467) 163)

Prostaglandin H₂

Pulmonary artery; Stretch; Contraction; Integrin (Saito, M. (467) 151)

Prostate, human

Endothelin receptor antagonist; TA-0201; Endothelin receptor (Takahashi, M. (467) 185)

Pulmonary artery

Stretch; Contraction; Prostaglandin H₂; Integrin (Saito, M. (467) 151)

Raloxifene

Infarct size; Estrogen; Progesterin; Hypercholesterolemia (Sbarouni, E. (467) 163)

(Rat)

Ethanol; Nicotine; Nicotinic receptor; Dopamine, mesolimbic; Microdialysis (Ericson, M. (467) 85)

Amolmetin guacyl; Intestine; Inflammation; Neuropeptide (Tubaro, E. (467) 173)

Antimuscarinic; 5-HT receptor; Gastrointestinal motility; Muscarinic receptor (Axelsson, L.-G. (467) 211)

Relaxation

β -Adrenoceptor; Diabetes; Urinary bladder, rat; Streptozotocin (Kubota, Y. (467) 191)

Rhinitis

Bradykinin; Bradykinin B₂ receptor; Bradykinin receptor antagonist; Asthma; FK3657 (Hirayama, Y. (467) 197)

Sodium nitroprusside

GABA (γ -Aminobutyric acid); Nitric oxide (NO); Hippocampus; Microdialysis (Hada, J. (467) 119)

Splice variant

Histamine H₃ receptor; Cloning; Pharmacology (Chen, J. (467) 57)

Statins

Linoleic acid; $\Delta 5$ desaturase (Ris  , P. (467) 73)

Streptozotocin

β -Adrenoceptor; Diabetes; Urinary bladder, rat; Relaxation (Kubota, Y. (467) 191)

Stretch

Pulmonary artery; Contraction; Prostaglandin H₂; Integrin (Saito, M. (467) 151)

Subcellular fractionation

Synaptophysin; Dinucleotide oxidized; GRP-78 (Shepel, P.N. (467) 67)

 β -Subunit

Na_v1.3 Na⁺ channel; Neonatal; Lidocaine; Oocyte (Lenkowski, P.W. (467) 23)

Sympathetic nerve

Vasopressin; CRH (corticotropin-releasing hormone); Cyclooxygenase; Thromboxane A₂ synthase; Brain; Adrenaline; Noradrenaline; Plasma; Adrenal gland (Okada, S. (467) 125)

Synaptic plasticity

Morphine; Dentate gyrus; Norepinephrine; Locus coeruleus (Zhu, H. (467) 141)

Synaptophysin

Dinucleotide oxidized; GRP-78; Subcellular fractionation (Shepel, P.N. (467) 67)

TA-0201

Endothelin receptor antagonist; Endothelin receptor; Prostate, human (Takahashi, M. (467) 185)

Tachykinin receptor

Phoneutria nigriventer venom; Hyperalgesia; Vanilloid receptor; Excitatory amino acid receptor (Zanchet, E.M. (467) 111)

Tetramethylpyrazine

Cerebellar granule cell; Fe ion; Apoptosis; Ferulic acid (Zhang, Z. (467) 41)

THIP

Gaboxadol; Benzodiazepine; Ethanol (Stórustovu, S. (467) 49)

Thromboxane A₂ synthase

Vasopressin; CRH (corticotropin-releasing hormone); Cyclooxygenase; Brain; Adrenaline; Noradrenaline; Plasma; Sympathetic nerve; Adrenal gland (Okada, S. (467) 125)

Tolerance

Cyclosporine A; FK506; Ileum, guinea pig; Dependence; Morphine (Meh, S.E. (467) 205)

Ultrasound

Opiate; Opioid; Cocaine; Amphetamine; Withdrawal; Benzodiazepine; Alcohol; Vocalization; Distress (Covington III, H.E. (467) 1)

Urinary bladder, rat

β -Adrenoceptor; Diabetes; Relaxation; Streptozotocin (Kubota, Y. (467) 191)

Vanilloid receptor

Phoneutria nigriventer venom; Hyperalgesia; Tachykinin receptor; Excitatory amino acid receptor (Zanchet, E.M. (467) 111)

Vasopressin

CRH (corticotropin-releasing hormone); Cyclooxygenase; Thromboxane A₂ synthase; Brain; Adrenaline; Noradrenaline; Plasma; Sympathetic nerve; Adrenal gland (Okada, S. (467) 125)

Verapamil

Morphine; Locomotor activity; Behavioral sensitization; Nifedipine; Nimodipine (Zhang, Q. (467) 145)

Vocalization

Opiate; Opioid; Cocaine; Amphetamine; Withdrawal; Benzodiazepine; Alcohol; Ultrasound; Distress (Covington III, H.E. (467) 1)

Withdrawal

Opiate; Opioid; Cocaine; Amphetamine; Benzodiazepine; Alcohol; Vocalization; Ultrasound; Distress (Covington III, H.E. (467) 1)

YM872

Intracerebral, hemorrhage; Hematoma; Neurological deficit; AMPA receptor antagonist (Terai, K. (467) 95)