

Keyword index

Acetic acid-induced writhing response

(–)-Linalool; Essential oil; Antinociceptive activity; Hot plate test; Locomotor activity (Peana, A.T. (460) 37)

Acetophenones

Maltol-glucoside; Arachidonic acid metabolism; Anti-inflammatory compound; Analgesic compound (Sala, A. (460) 219)

Acetylsalicylic acid

Aspirin; Anti-thrombin action; Coronary heart disease; Platelet factor 4 (Di Micco, B. (460) 59)

Adenosine A₁ receptor

Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Adenosine A₃ receptor; Postjunctional contraction (Diniz, C. (460) 191)

Adenosine A_{2A} receptor

Adenosine A₁ receptor; Adenosine A_{2B} receptor; Adenosine A₃ receptor; Postjunctional contraction (Diniz, C. (460) 191)

Adenosine A_{2B} receptor

Adenosine A₁ receptor; Adenosine A_{2A} receptor; Adenosine A₃ receptor; Postjunctional contraction (Diniz, C. (460) 191)

Adenosine A₃ receptor

Adenosine A₁ receptor; Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Postjunctional contraction (Diniz, C. (460) 191)

Adrenal chromaffin cell, bovine

Amphetamine; Nicotinic receptor; Catecholamine secretion; Ca²⁺ concentration, cytosolic; Receptor binding (Liu, P.-S. (460) 9)

β₁-adrenoceptor selectivity

Nebivolol; Bisoprolol; Carvedilol; Myocardium, human (Bundkirchen, A. (460) 19)

Airway inflammation

Bradykinin; Bradykinin receptor antagonist; Eosinophil; Asthma (Gama Landgraf, R. (460) 75)

Alfentanil

Anaesthesia; Analgesia; EEG (electroencephalogram); Ketamine; Stereoisomer (Edwards, S.R. (460) 27)

ε-Aminocaproic acid

Plasmin; Angiostatin; Angiogenesis; α₂-Antiplasmin (Hatzia Apostolou, M. (460) 1)

Amphetamine

Adrenal chromaffin cell, bovine; Nicotinic receptor; Catecholamine secretion; Ca²⁺ concentration, cytosolic; Receptor binding (Liu, P.-S. (460) 9)

Anaesthesia

Alfentanil; Analgesia; EEG (electroencephalogram); Ketamine; Stereoisomer (Edwards, S.R. (460) 27)

Analgesia

Alfentanil; Anaesthesia; EEG (electroencephalogram); Ketamine; Stereoisomer (Edwards, S.R. (460) 27)

Morphine withdrawal; Morphine tolerance; Prazosin; Clonidine (Özdoğan, Ü.K. (460) 127)

Analgesic compound

Acetophenones; Maltol-glucoside; Arachidonic acid metabolism; Anti-inflammatory compound (Sala, A. (460) 219)

Angiogenesis

Plasmin; Angiostatin; α₂-Antiplasmin; ε-Aminocaproic acid (Hatzia Apostolou, M. (460) 1)

Angiostatin

Plasmin; Angiogenesis; α₂-Antiplasmin; ε-Aminocaproic acid (Hatzia Apostolou, M. (460) 1)

Anticonvulsant

Chronic constriction injury; Formalin test; Neuropathic pain; Spared nerve injury; Tail flick (Blackburn-Munro, G. (460) 109)

Anti-inflammatory compound

Acetophenones; Maltol-glucoside; Arachidonic acid metabolism; Analgesic compound (Sala, A. (460) 219)

Antinociceptive activity

(–)-Linalool; Essential oil; Acetic acid-induced writhing response; Hot plate test; Locomotor activity (Peana, A.T. (460) 37)

α₂-Antiplasmin

Plasmin; Angiostatin; Angiogenesis; ε-Aminocaproic acid (Hatzia Apostolou, M. (460) 1)

Anti-thrombin action

Acetylsalicylic acid; Aspirin; Coronary heart disease; Platelet factor 4 (Di Micco, B. (460) 59)

Apamin

Colon, murine; Fast inhibitory junction potential; ATP; PACAP (pituitary adenylate cyclase activating peptide); Purinoceptor (Serio, R. (460) 183)

Arachidonic acid metabolism

Acetophenones; Maltol-glucoside; Anti-inflammatory compound; Analgesic compound (Sala, A. (460) 219)

Arrhythmia

Cl[–]/HCO₃[–] exchange; Ischemia; Reperfusion; DIDS; SITS (Zhu, B.-M. (460) 43)

Aspirin

Acetylsalicylic acid; Anti-thrombin action; Coronary heart disease; Platelet factor 4 (Di Micco, B. (460) 59)

Histidine decarboxylase; Stomach; Indomethacin; Dexamethasone; Histamine H₂ receptor antagonist (Ayada, K. (460) 63)

Asthma

Bradykinin; Bradykinin receptor antagonist; Airway inflammation; Eosinophil (Gama Landgraf, R. (460) 75)

Astressin

Hepatic sympathectomy; Central nervous system; Liver injury (Nakade, Y. (460) 135)

ATP

Colon, murine; Fast inhibitory junction potential; Apamin; PACAP (pituitary adenylate cyclase activating peptide); Purinoceptor (Serio, R. (460) 183)

BIA 3-202

Catechol-*O*-methyltransferase inhibitor; Kinetic; Liver catechol-*O*-methyltransferase; Parkinson's disease (Bonifácio, M.J. (460) 163)

Bisoprolol

β₁-adrenoceptor selectivity; Nebivolol; Carvedilol; Myocardium, human (Bundkirchen, A. (460) 19)

Bradykinin

Bradykinin receptor antagonist; Airway inflammation; Eosinophil; Asthma (Gama Landgraf, R. (460) 75)

Bradykinin receptor antagonist

Bradykinin; Airway inflammation; Eosinophil; Asthma (Gama Landgraf, R. (460) 75)

Ca²⁺ concentration, cytosolic

Amphetamine; Adrenal chromaffin cell, bovine; Nicotinic receptor; Catecholamine secretion; Receptor binding (Liu, P.-S. (460) 9)

Calcitonin

Hypocalcemia; Chronopharmacology; (Rat) (Nishiki, K. (460) 171)

cAMP

DIF-1; MAP (mitogen-activated protein) kinase; Germinal vesicle breakdown (Kubohara, Y. (460) 93)

Carvedilol

β₁-adrenoceptor selectivity; Nebivolol; Bisoprolol; Myocardium, human (Bundkirchen, A. (460) 19)

Catecholamine secretion

Amphetamine; Adrenal chromaffin cell, bovine; Nicotinic receptor; Ca²⁺ concentration, cytosolic; Receptor binding (Liu, P.-S. (460) 9)

Catechol-*O*-methyltransferase inhibitor

Kinetic; Liver catechol-*O*-methyltransferase; BIA 3-202; Parkinson's disease (Bonifácio, M.J. (460) 163)

Cell proliferation

Gastric ulcer; Morphine; Mucus; Stress; Myeloperoxidase (Cho, C.H. (460) 177)

Central nervous system

Astressin; Hepatic sympathectomy; Liver injury (Nakade, Y. (460) 135)

Cholestasis

NANC (non-adrenergic non-cholinergic) relaxation; Corpus cavernosum, rat; Nitric oxide (NO); Opioid; Electrical field stimulation (Sadeghipour, H. (460) 201)

Chronic constriction injury

Anticonvulsant; Formalin test; Neuropathic pain; Spared nerve injury; Tail flick (Blackburn-Munro, G. (460) 109)

Chronopharmacology

Calcitonin; Hypocalcemia; (Rat) (Nishiki, K. (460) 171)

Cl⁻/HCO₃⁻ exchange

Arrhythmia; Ischemia; Reperfusion; DIDS; SITS (Zhu, B.-M. (460) 43)

Clonidine

Morphine withdrawal; Morphine tolerance; Analgesia; Prazosin (Özdoğan, Ü.K. (460) 127)

Colitis

TNBS (trinitrobenzene sulphonic acid); Neutrophil; TNF-α (tumor necrosis factor-α); Flavonoid; Dosmalfate (Villegas, I. (460) 209)

(Collie)

Ivermectin; (Dog); Hypersensitivity; P-glycoprotein; MDR (multidrug resistance) (Roulet, A. (460) 85)

Colon, murine

Fast inhibitory junction potential; Apamin; ATP; PACAP (pituitary adenylate cyclase activating peptide); Purinoceptor (Serio, R. (460) 183)

Coronary heart disease

Acetylsalicylic acid; Aspirin; Anti-thrombin action; Platelet factor 4 (Di Micco, B. (460) 59)

Corpus cavernosum, rat

Cholestasis; NANC (non-adrenergic non-cholinergic) relaxation; Nitric oxide (NO); Opioid; Electrical field stimulation (Sadeghipour, H. (460) 201)

Cyclooxygenase-2

Inflammatory pain; Morphine; Rofecoxib; Synergism (Déciga-Campos, M. (460) 99)

Dexamethasone

Histidine decarboxylase; Stomach; Aspirin; Indomethacin; Histamine H₂ receptor antagonist (Ayada, K. (460) 63)

DIDS

Cl⁻/HCO₃⁻ exchange; Arrhythmia; Ischemia; Reperfusion; SITS (Zhu, B.-M. (460) 43)

DIF-1

MAP (mitogen-activated protein) kinase; Germinal vesicle breakdown; cAMP (Kubohara, Y. (460) 93)

Dobutamine

Inotrope; Ischaemia; Thyroxine; Heart, rat (Pantos, C. (460) 155)

(Dog)

Ivermectin; (Collie); Hypersensitivity; P-glycoprotein; MDR (multidrug resistance) (Roulet, A. (460) 85)

Dopamine

Microdialysis; Ventral subiculum; Muscarinic receptor; Nucleus accumbens; (Rat) (Moss, S. (460) 117)

Dopamine D1-like receptor agonist

Penile erection; Erectile dysfunction (D'Aquila, P.S. (460) 71)

Dosmalfate

Colitis; TNBS (trinitrobenzene sulphonic acid); Neutrophil; TNF- α (tumor necrosis factor- α); Flavonoid (Villegas, I. (460) 209)

EEG (electroencephalogram)

Alfentanil; Anaesthesia; Analgesia; Ketamine; Stereoisomer (Edwards, S.R. (460) 27)

Electrical field stimulation

Cholestasis; NANC (non-adrenergic non-cholinergic) relaxation; Corpus cavernosum, rat; Nitric oxide (NO); Opioid (Sadeghipour, H. (460) 201)

Endotoxaemia

Lipopolysaccharide; Tail artery; Vasocontraction (Ralevic, V. (460) 145)

Eosinophil

Bradykinin; Bradykinin receptor antagonist; Airway inflammation; Asthma (Gama Landgraf, R. (460) 75)

Erectile dysfunction

Penile erection; Dopamine D1-like receptor agonist (D'Aquila, P.S. (460) 71)

Essential oil

(-)-Linalool; Antinociceptive activity; Acetic acid-induced writhing response; Hot plate test; Locomotor activity (Peana, A.T. (460) 37)

Fast inhibitory junction potential

Colon, murine; Apamin; ATP; PACAP (pituitary adenylate cyclase activating peptide); Purinoceptor (Serio, R. (460) 183)

Flavonoid

Colitis; TNBS (trinitrobenzene sulphonic acid); Neutrophil; TNF- α (tumor necrosis factor- α); Dosmalfate (Villegas, I. (460) 209)

Formalin test

Anticonvulsant; Chronic constriction injury; Neuropathic pain; Spared nerve injury; Tail flick (Blackburn-Munro, G. (460) 109)

Gastric ulcer

Cell proliferation; Morphine; Mucus; Stress; Myeloperoxidase (Cho, C.H. (460) 177)

Germinal vesicle breakdown

DIF-1; MAP (mitogen-activated protein) kinase; cAMP (Kubohara, Y. (460) 93)

Heart, rat

Inotrope; Ischaemia; Dobutamine; Thyroxine (Pantos, C. (460) 155)

Hepatic sympathectomy

Astressin; Central nervous system; Liver injury (Nakade, Y. (460) 135)

Histamine H₂ receptor antagonist

Histidine decarboxylase; Stomach; Aspirin; Indomethacin; Dexamethasone (Ayada, K. (460) 63)

Histidine decarboxylase

Stomach; Aspirin; Indomethacin; Dexamethasone; Histamine H₂ receptor antagonist (Ayada, K. (460) 63)

Hot plate test

(-)-Linalool; Essential oil; Antinociceptive activity; Acetic acid-induced writhing response; Locomotor activity (Peana, A.T. (460) 37)

Hypersensitivity

Ivermectin; (Dog); (Collie); P-glycoprotein; MDR (multidrug resistance) (Roulet, A. (460) 85)

Hypocalcemia

Calcitonin; Chronopharmacology; (Rat) (Nishiki, K. (460) 171)

Indomethacin

Histidine decarboxylase; Stomach; Aspirin; Dexamethasone; Histamine H₂ receptor antagonist (Ayada, K. (460) 63)

Inflammatory pain

Cyclooxygenase-2; Morphine; Rofecoxib; Synergism (Déciga-Campos, M. (460) 99)

Inotrope

Ischaemia; Dobutamine; Thyroxine; Heart, rat (Pantos, C. (460) 155)

Insomnia

Sleep latency; Wakefulness; Non-rapid eye movement (non-REM) sleep; Rapid eye movement (REM) sleep; Short-acting hypnotic (Shinomiya, K. (460) 139)

Ischaemia

Inotrope; Dobutamine; Thyroxine; Heart, rat (Pantos, C. (460) 155)

Ischemia

Cl⁻/HCO₃⁻ exchange; Arrhythmia; Reperfusion; DIDS; SITS (Zhu, B.-M. (460) 43)

Ivermectin

(Dog); (Collie); Hypersensitivity; P-glycoprotein; MDR (multidrug resistance) (Roulet, A. (460) 85)

Ketamine

Alfentanil; Anaesthesia; Analgesia; EEG (electroencephalogram); Stereoisomer (Edwards, S.R. (460) 27)

Kinetic

Catechol-*O*-methyltransferase inhibitor; Liver catechol-*O*-methyltransferase; BIA 3-202; Parkinson's disease (Bonifácio, M.J. (460) 163)

(-)-Linalool

Essential oil; Antinociceptive activity; Acetic acid-induced writhing response; Hot plate test; Locomotor activity (Peana, A.T. (460) 37)

Lipopolysaccharide

Endotoxaemia; Tail artery; Vasocontraction (Ralevic, V. (460) 145)

Liver catechol-*O*-methyltransferase

Catechol-*O*-methyltransferase inhibitor; Kinetic; BIA 3-202; Parkinson's disease (Bonifácio, M.J. (460) 163)

Liver injury

Astressin; Hepatic sympathectomy; Central nervous system (Nakade, Y. (460) 135)

Locomotor activity

(-)-Linalool; Essential oil; Antinociceptive activity; Acetic acid-induced writhing response; Hot plate test (Peana, A.T. (460) 37)

Maltol-glucoside

Acetophenones; Arachidonic acid metabolism; Anti-inflammatory compound; Analgesic compound (Sala, A. (460) 219)

MAP (mitogen-activated protein) kinase

DIF-1; Germinal vesicle breakdown; cAMP (Kubohara, Y. (460) 93)

MDR (multidrug resistance)

Ivermectin; (Dog); (Collie); Hypersensitivity; P-glycoprotein (Roulet, A. (460) 85)

Microdialysis

Ventral subiculum; Muscarinic receptor; Nucleus accumbens; Dopamine; (Rat) (Moss, S. (460) 117)

Monophasic action potential

Y-27632; Vasodilator; Rho-kinase (Takahara, A. (460) 51)

Morphine

Inflammatory pain; Cyclooxygenase-2; Rofecoxib; Synergism (Déciga-Campos, M. (460) 99)

Cell proliferation; Gastric ulcer; Mucus; Stress; Myeloperoxidase (Cho, C.H. (460) 177)

Morphine tolerance

Morphine withdrawal; Analgesia; Prazosin; Clonidine (Özdoğan, Ü.K. (460) 127)

Morphine withdrawal

Morphine tolerance; Analgesia; Prazosin; Clonidine (Özdoğan, Ü.K. (460) 127)

Mucus

Cell proliferation; Gastric ulcer; Morphine; Stress; Myeloperoxidase (Cho, C.H. (460) 177)

Muscarinic receptor

Microdialysis; Ventral subiculum; Nucleus accumbens; Dopamine; (Rat) (Moss, S. (460) 117)

Myeloperoxidase

Cell proliferation; Gastric ulcer; Morphine; Mucus; Stress (Cho, C.H. (460) 177)

Myocardium, human

β_1 -adrenoceptor selectivity; Nebivolol; Bisoprolol; Carvedilol (Bundkirchen, A. (460) 19)

NANC (non-adrenergic non-cholinergic) relaxation

Cholestasis; Corpus cavernosum, rat; Nitric oxide (NO); Opioid; Electrical field stimulation (Sadeghipour, H. (460) 201)

Nebivolol

β_1 -adrenoceptor selectivity; Bisoprolol; Carvedilol; Myocardium, human (Bundkirchen, A. (460) 19)

Neuropathic pain

Anticonvulsant; Chronic constriction injury; Formalin test; Spared nerve injury; Tail flick (Blackburn-Munro, G. (460) 109)

Neutrophil

Colitis; TNBS (trinitrobenzene sulphonic acid); TNF- α (tumor necrosis factor- α); Flavonoid; Dosmalfate (Villegas, I. (460) 209)

Nicotinic receptor

Amphetamine; Adrenal chromaffin cell, bovine; Catecholamine secretion; Ca^{2+} concentration, cytosolic; Receptor binding (Liu, P.-S. (460) 9)

Nitric oxide (NO)

Cholestasis; NANC (non-adrenergic non-cholinergic) relaxation; Corpus cavernosum, rat; Opioid; Electrical field stimulation (Sadeghipour, H. (460) 201)

Non-rapid eye movement (non-REM) sleep

Insomnia; Sleep latency; Wakefulness; Rapid eye movement (REM) sleep; Short-acting hypnotic (Shinomiya, K. (460) 139)

Nucleus accumbens

Microdialysis; Ventral subiculum; Muscarinic receptor; Dopamine; (Rat) (Moss, S. (460) 117)

Opioid

Cholestasis; NANC (non-adrenergic non-cholinergic) relaxation; Corpus cavernosum, rat; Nitric oxide (NO); Electrical field stimulation (Sadeghipour, H. (460) 201)

PACAP (pituitary adenylate cyclase activating peptide)

Colon, murine; Fast inhibitory junction potential; Apamin; ATP; Purinoceptor (Serio, R. (460) 183)

Parkinson's disease

Catechol-*O*-methyltransferase inhibitor; Kinetic; Liver catechol-*O*-methyltransferase; BIA 3-202 (Bonifácio, M.J. (460) 163)

Penile erection

Dopamine D1-like receptor agonist; Erectile dysfunction (D'Aquila, P.S. (460) 71)

P-glycoprotein

Ivermectin; (Dog); (Collie); Hypersensitivity; MDR (multidrug resistance) (Roulet, A. (460) 85)

Plasmin

Angiostatin; Angiogenesis; α_2 -Antiplasmin; ϵ -Aminocaproic acid (Hatzia-postolou, M. (460) 1)

Platelet factor 4

Acetylsalicylic acid; Aspirin; Anti-thrombin action; Coronary heart disease (Di Micco, B. (460) 59)

Postjunctional contraction

Adenosine A_1 receptor; Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Adenosine A_3 receptor (Diniz, C. (460) 191)

Prazosin

Morphine withdrawal; Morphine tolerance; Analgesia; Clonidine (Özdoğan, Ü.K. (460) 127)

Purinoceptor

Colon, murine; Fast inhibitory junction potential; Apamin; ATP; PACAP (pituitary adenylate cyclase activating peptide) (Serio, R. (460) 183)

Rapid eye movement (REM) sleep

Insomnia; Sleep latency; Wakefulness; Non-rapid eye movement (non-REM) sleep; Short-acting hypnotic (Shinomiya, K. (460) 139)

(Rat)

Microdialysis; Ventral subiculum; Muscarinic receptor; Nucleus accumbens; Dopamine (Moss, S. (460) 117)

Calcitonin; Hypocalcemia; Chronopharmacology (Nishiki, K. (460) 171)

Receptor binding

Amphetamine; Adrenal chromaffin cell, bovine; Nicotinic receptor; Catecholamine secretion; Ca^{2+} concentration, cytosolic (Liu, P.-S. (460) 9)

Reperfusion

$\text{Cl}^-/\text{HCO}_3^-$ exchange; Arrhythmia; Ischemia; DIDS; SITS (Zhu, B.-M. (460) 43)

Rho-kinase

Y-27632; Vasodilator; Monophasic action potential (Takahara, A. (460) 51)

Rofecoxib

Inflammatory pain; Cyclooxygenase-2; Morphine; Synergism (Déciga-Campos, M. (460) 99)

Short-acting hypnotic

Insomnia; Sleep latency; Wakefulness; Non-rapid eye movement (non-REM) sleep; Rapid eye movement (REM) sleep (Shinomiya, K. (460) 139)

SITS

$\text{Cl}^-/\text{HCO}_3^-$ exchange; Arrhythmia; Ischemia; Reperfusion; DIDS (Zhu, B.-M. (460) 43)

Sleep latency

Insomnia; Wakefulness; Non-rapid eye movement (non-REM) sleep; Rapid eye movement (REM) sleep; Short-acting hypnotic (Shinomiya, K. (460) 139)

Spared nerve injury

Anticonvulsant; Chronic constriction injury; Formalin test; Neuropathic pain; Tail flick (Blackburn-Munro, G. (460) 109)

Stereoisomer

Alfentanil; Anaesthesia; Analgesia; EEG (electroencephalogram); Ketamine (Edwards, S.R. (460) 27)

Stomach

Histidine decarboxylase; Aspirin; Indomethacin; Dexamethasone; Histamine H_2 receptor antagonist (Ayada, K. (460) 63)

Stress

Cell proliferation; Gastric ulcer; Morphine; Mucus; Myeloperoxidase (Cho, C.H. (460) 177)

Synergism

Inflammatory pain; Cyclooxygenase-2; Morphine; Rofecoxib (Déciga-Campos, M. (460) 99)

Tail artery

Endotoxaemia; Lipopolysaccharide; Vasocontraction (Ralevic, V. (460) 145)

Tail flick

Anticonvulsant; Chronic constriction injury; Formalin test; Neuropathic pain; Spared nerve injury (Blackburn-Munro, G. (460) 109)

Thyroxine

Inotrope; Ischaemia; Dobutamine; Heart, rat (Pantos, C. (460) 155)

TNBS (trinitrobenzene sulphonic acid)

Colitis; Neutrophil; TNF- α (tumor necrosis factor- α); Flavonoid; Dosmalfate (Villegas, I. (460) 209)

TNF- α (tumor necrosis factor- α)

Colitis; TNBS (trinitrobenzene sulphonic acid); Neutrophil; Flavonoid; Dosmalfate (Villegas, I. (460) 209)

Vasocontraction

Endotoxaemia; Lipopolysaccharide; Tail artery (Ralevic, V. (460) 145)

Vasodilator

Y-27632; Rho-kinase; Monophasic action potential (Takahara, A. (460) 51)

Ventral subiculum

Microdialysis; Muscarinic receptor; Nucleus accumbens; Dopamine; (Rat) (Moss, S. (460) 117)

Wakefulness

Insomnia; Sleep latency; Non-rapid eye movement (non-REM) sleep; Rapid eye movement (REM) sleep; Short-acting hypnotic (Shinomiya, K. (460) 139)

Y-27632

Vasodilator; Rho-kinase; Monophasic action potential (Takahara, A. (460) 51)