

Keyword index

A549 cell

Prodelphinidin B-2 3; 3'-di-*O*-gallate; p53; Fas/APO-1; Fas ligand; Apoptosis (Kuo, P.-L. (501) 41)

Acyclic nucleoside phosphonate

NO (Nitric oxide); Adenosine receptor (Zidek, Z. (501) 79)

Adenosine receptor

Acyclic nucleoside phosphonate; NO (Nitric oxide) (Zidek, Z. (501) 79)

α_1 -Adrenoceptors

Tramadol; Dopamine D2 and D3 receptors; BDNF; TrkB; Brain, rat (Faron-Górecka, A. (501) 103)

Agonist

Prostaglandin; Receptor; EP₂; EP₄ (Wilson, R.J. (501) 49)

Toosendanin; Neonatal rat ventricular cell; L-type Ca²⁺ channel; Whole-cell patch-clamp (Li, M.-F. (501) 71)

Airway smooth muscle

Isoprostane; Relaxation; K⁺ current (Helli, P.B. (501) 179)

Angiotensin II

Chymase; Inhibitor; Transforming growth factor- β (Takai, S. (501) 1)

Angiotensin-converting enzyme

ClC-5 Cl⁻ channel; Proteinuria; Hypertension; Perindopril (Tanaka, K. (501) 185)

Antagonist

κ -Opioid receptor; JD_{Tic}; Antinociception; Tail-flick; Diuresis (Carroll, I. (501) 111)

Glucagon; Receptor; Binding; Occupancy (Dallas-Yang, Q. (501) 225)

Antinociception

κ -Opioid receptor; Antagonist; JD_{Tic}; Tail-flick; Diuresis (Carroll, I. (501) 111)

Apoptosis

Prodelphinidin B-2 3; 3'-di-*O*-gallate; A549 cell; p53; Fas/APO-1; Fas ligand (Kuo, P.-L. (501) 41)

Arachidonic acid

Human pulmonary arteries; Cyclooxygenase; Cytochrome P450; NO (Nitric oxide); K⁺ channels (Guerard, P. (501) 127)

Atherosclerosis

Western-type diet; Orlistat; Fat absorption (Ueshima, K. (501) 137)

Avermectin

(Mouse); Tumor growth (Drinyaev, V.A. (501) 19)

BDNF

Tramadol; α_1 -Adrenoceptors; Dopamine D2 and D3 receptors; TrkB; Brain, rat (Faron-Górecka, A. (501) 103)

Benazoline

Clonidine; Guanfacine; Visceral pain; Formalin; Imidazoline receptor (Sabetkasaie, M. (501) 95)

Binding

Glucagon; Receptor; Occupancy; Antagonist (Dallas-Yang, Q. (501) 225)

Bladder

Long-chain fatty alcohol; (Rat); Bladder neck obstruction; Detrusor overactivity (Saito, M. (501) 143)

Bladder neck obstruction

Bladder; Long-chain fatty alcohol; (Rat); Detrusor overactivity (Saito, M. (501) 143)

Brain, rat

Tramadol; α_1 -Adrenoceptors; Dopamine D2 and D3 receptors; BDNF; TrkB (Faron-Górecka, A. (501) 103)

Bromocriptine

Cytochrome P450; Cyclosporine; Prolactin; Drug metabolism (Lu, S.K. (501) 215)

cAMP

Endothelin; Mechanical hyperalgesia; Endothelin ET_B receptor; Protein kinase (da Cunha, J.M. (501) 87)

Cannabinoid receptor antagonist

Heroin self-administration; (Rat) (Navarro, M. (501) 235)

β -Carboline

Imidazoline receptor; Ryanodine; KU14R; Insulin secretion; Islets of Langerhans (Squires, P.E. (501) 31)

Chymase

Angiotensin II; Inhibitor; Transforming growth factor- β (Takai, S. (501) 1)

ClC-5 Cl⁻ channel

Proteinuria; Hypertension; Angiotensin-converting enzyme; Perindopril (Tanaka, K. (501) 185)

Clonidine

Guanfacine; Benazoline; Visceral pain; Formalin; Imidazoline receptor (Sabetkasaie, M. (501) 95)

Comparative pharmacology

Vasopressin receptor; Tissue, bovine (Andrés, M. (501) 59)

Corticosteroid

Ecto-apyrase; Endothelium; Mesangium; Hemopexin; Nephrotic syndrome (Kapojs, J.J. (501) 191)

Cyclooxygenase

NSAID; Prostaglandin E₂; TNF α ; Glucocorticoid; Monocyte, human (Ulcarr, R. (501) 9)

Human pulmonary arteries; Arachidonic acid; Cytochrome P450; NO (Nitric oxide); K⁺ channels (Guerard, P. (501) 127)

Cyclosporine

Cytochrome P450; Prolactin; Bromocriptine; Drug metabolism (Lu, S.K. (501) 215)

Cytochrome P450

Human pulmonary arteries; Arachidonic acid; Cyclooxygenase; NO (Nitric oxide); K⁺ channels (Guerard, P. (501) 127)

Cytochrome P450

Cyclosporine; Prolactin; Bromocriptine; Drug metabolism (Lu, S.K. (501) 215)

Detrusor overactivity

Bladder; Long-chain fatty alcohol; (Rat); Bladder neck obstruction (Saito, M. (501) 143)

Dexamethasone

Human monocyte; Tumor necrosis factor- α ; Nuclear factor- κ B; Rofecoxib; Indomethacin (Lavagno, L. (501) 199)

3'-di-O-gallate

Prodelphinidin B-2 3; A549 cell; p53; Fas/APO-1; Fas ligand; Apoptosis (Kuo, P.-L. (501) 41)

Diuresis

κ -Opioid receptor; Antagonist; JDTic; Antinociception; Tail-flick (Carroll, I. (501) 111)

Dopamine D2 and D3 receptors

Tramadol; α_1 -Adrenoceptors; BDNF; TrkB; Brain, rat (Faron-Górecka, A. (501) 103)

Drug metabolism

Cytochrome P450; Cyclosporine; Prolactin; Bromocriptine (Lu, S.K. (501) 215)

Ecto-apyrase

Corticosteroid; Endothelium; Mesangium; Hemopexin; Nephrotic syndrome (Kapojs, J.J. (501) 191)

Endothelin

Mechanical hyperalgesia; Endothelin ET_B receptor; cAMP; Protein kinase (da Cunha, J.M. (501) 87)

Endothelin ET_B receptor

Endothelin; Mechanical hyperalgesia; cAMP; Protein kinase (da Cunha, J.M. (501) 87)

Endothelium

Corticosteroid; Ecto-apyrase; Mesangium; Hemopexin; Nephrotic syndrome (Kapojs, J.J. (501) 191)

EP₂

Prostaglandin; Receptor; Agonist; EP₄ (Wilson, R.J. (501) 49)

EP₄

Prostaglandin; Receptor; Agonist; EP₂ (Wilson, R.J. (501) 49)

Fas ligand

Prodelphinidin B-2 3; 3'-di-O-gallate; A549 cell; p53; Fas/APO-1; Apoptosis (Kuo, P.-L. (501) 41)

Fas/APO-1

Prodelphinidin B-2 3; 3'-di-O-gallate; A549 cell; p53; Fas ligand; Apoptosis (Kuo, P.-L. (501) 41)

Fat absorption

Western-type diet; Orlistat; Atherosclerosis (Ueshima, K. (501) 137)

Formalin

Clonidine; Guanfacine; Benazoline; Visceral pain; Imidazoline receptor (Sabetkasaie, M. (501) 95)

Glucagon

Receptor; Binding; Occupancy; Antagonist (Dallas-Yang, Q. (501) 225)

Glucocorticoid

NSAID; Prostaglandin E₂; TNF α ; Cyclooxygenase; Monocyte, human (Ulcarr, R. (501) 9)

Glutamate

MGS0039; Obsessive-compulsive disorder; Marble-burying behavior test (Shimazaki, T. (501) 121)

Guanfacine

Clonidine; Benazoline; Visceral pain; Formalin; Imidazoline receptor (Sabetkasaie, M. (501) 95)

Guanylate cyclase

Nitric oxide; Paw oedema; Potassium channel; Plasma leakage; Inflammation (Fernandes, D. (501) 209)

Hemopexin

Corticosteroid; Ecto-apyrase; Endothelium; Mesangium; Nephrotic syndrome (Kapojs, J.J. (501) 191)

Heroin self-administration

Cannabinoid receptor antagonist; (Rat) (Navarro, M. (501) 235)

Human monocyte

Tumor necrosis factor- α ; Nuclear factor- κ B; Rofecoxib; Indomethacin; Dexamethasone (Lavagno, L. (501) 199)

Human pulmonary arteries

Arachidonic acid; Cyclooxygenase; Cytochrome P450; NO (Nitric oxide); K⁺ channels (Guerard, P. (501) 127)

Hypertension

ClC-5 Cl⁻ channel; Proteinuria; Angiotensin-converting enzyme; Perindopril (Tanaka, K. (501) 185)

Imidazoline receptor

Ryanodine; KU14R; β -Carboline; Insulin secretion; Islets of Langerhans (Squires, P.E. (501) 31)

Clonidine; Guanfacine; Benazoline; Visceral pain; Formalin (Sabetkasaie, M. (501) 95)

Indomethacin

Human monocyte; Tumor necrosis factor- α ; Nuclear factor- κ B; Rofecoxib; Dexamethasone (Lavagno, L. (501) 199)

Inducible nitric oxide synthase

Melatonin; Macrophage; Nitric oxide; Nuclear factor κ B (Zhang, S. (501) 25)

Inflammation

Nitric oxide; Paw oedema; Potassium channel; Guanylate cyclase; Plasma leakage (Fernandes, D. (501) 209)

Inhibitor

Angiotensin II; Chymase; Transforming growth factor- β (Takai, S. (501) 1)

Insulin secretion

Imidazoline receptor; Ryanodine; KU14R; β -Carboline; Islets of Langerhans (Squires, P.E. (501) 31)

Intestinal smooth muscle

Rapid estrogen effect; K^+ channel; Voltage-dependent Ca^{2+} channel; Spontaneous activity (Díaz, M. (501) 161)

Islets of Langerhans

Imidazoline receptor; Ryanodine; KU14R; β -Carboline; Insulin secretion (Squires, P.E. (501) 31)

Isoprostane

Airway smooth muscle; Relaxation; K^+ current (Helli, P.B. (501) 179)

JDTic

κ -Opioid receptor; Antagonist; Antinociception; Tail-flick; Diuresis (Carroll, I. (501) 111)

 K^+ channel

Rapid estrogen effect; Intestinal smooth muscle; Voltage-dependent Ca^{2+} channel; Spontaneous activity (Díaz, M. (501) 161)

 K^+ channels

Human pulmonary arteries; Arachidonic acid; Cyclooxygenase; Cytochrome P450; NO (Nitric oxide) (Guerard, P. (501) 127)

 K^+ current

Isoprostane; Airway smooth muscle; Relaxation (Helli, P.B. (501) 179)

KU14R

Imidazoline receptor; Ryanodine; β -Carboline; Insulin secretion; Islets of Langerhans (Squires, P.E. (501) 31)

Long-chain fatty alcohol

Bladder; (Rat); Bladder neck obstruction; Detrusor overactivity (Saito, M. (501) 143)

L-type Ca^{2+} channel

Toosendanin; Neonatal rat ventricular cell; Whole-cell patch-clamp; Agonist (Li, M.-F. (501) 71)

Macrophage

Melatonin; Nitric oxide; Inducible nitric oxide synthase; Nuclear factor κ B (Zhang, S. (501) 25)

Marble-burying behavior test

MGS0039; Glutamate; Obsessive-compulsive disorder (Shimazaki, T. (501) 121)

Mechanical hyperalgesia

Endothelin; Endothelin ET_B receptor; cAMP; Protein kinase (da Cunha, J.M. (501) 87)

Melatonin

Macrophage; Nitric oxide; Inducible nitric oxide synthase; Nuclear factor κ B (Zhang, S. (501) 25)

Mesangium

Corticosteroid; Ecto-apyrase; Endothelium; Hemopexin; Nephrotic syndrome (Kapojs, J.J. (501) 191)

MGS0039

Glutamate; Obsessive-compulsive disorder; Marble-burying behavior test (Shimazaki, T. (501) 121)

Monocyte, human

NSAID; Prostaglandin E_2 ; $TNF\alpha$; Cyclooxygenase; Glucocorticoid (Ulcar, R. (501) 9)

(Mouse)

Avermectin; Tumor growth (Drinyaev, V.A. (501) 19)

Multidrug resistance-associated protein 2 (Mrp2)

Quinolone antimicrobial agent; Pazufloracin; P-glycoprotein; Renal excretion; (Rat) (Shimizu, A. (501) 151)

Neonatal rat ventricular cell

Toosendanin; L-type Ca^{2+} channel; Whole-cell patch-clamp; Agonist (Li, M.-F. (501) 71)

Nephrotic syndrome

Corticosteroid; Ecto-apyrase; Endothelium; Mesangium; Hemopexin (Kapojs, J.J. (501) 191)

Nitric oxide

Melatonin; Macrophage; Inducible nitric oxide synthase; Nuclear factor κ B (Zhang, S. (501) 25)

Paw oedema; Potassium channel; Guanylate cyclase; Plasma leakage; Inflammation (Fernandes, D. (501) 209)

NO (Nitric oxide)

Acyclic nucleoside phosphonate; Adenosine receptor (Zidek, Z. (501) 79)

Human pulmonary arteries; Arachidonic acid; Cyclooxygenase; Cytochrome P450; K^+ channels (Guerard, P. (501) 127)

NSAID

Prostaglandin E_2 ; $TNF\alpha$; Cyclooxygenase; Glucocorticoid; Monocyte, human (Ulcar, R. (501) 9)

Nuclear factor κ B

Melatonin; Macrophage; Nitric oxide; Inducible nitric oxide synthase (Zhang, S. (501) 25)

Nuclear factor- κ B

Human monocyte; Tumor necrosis factor- α ; Rofecoxib; Indomethacin; Dexamethasone (Lavagno, L. (501) 199)

Obsessive-compulsive disorder

MGS0039; Glutamate; Marble-burying behavior test (Shimazaki, T. (501) 121)

Occupancy

Glucagon; Receptor; Binding; Antagonist (Dallas-Yang, Q. (501) 225)

 κ -Opioid receptor

Antagonist; JDTic; Antinociception; Tail-flick; Diuresis (Carroll, I. (501) 111)

Orlistat

Western-type diet; Fat absorption; Atherosclerosis (Ueshima, K. (501) 137)

p53

Prodelphinidin B-2 3; 3'-di-O-gallate; A549 cell; Fas/APO-1; Fas ligand; Apoptosis (Kuo, P.-L. (501) 41)

Paw oedema

Nitric oxide; Potassium channel; Guanylate cyclase; Plasma leakage; Inflammation (Fernandes, D. (501) 209)

Pazufloxacin

Quinolone antimicrobial agent; P-glycoprotein; Multidrug resistance-associated protein 2 (Mrp2); Renal excretion; (Rat) (Shimizu, A. (501) 151)

Perindopril

ClC-5 Cl^- channel; Proteinuria; Hypertension; Angiotensin-converting enzyme (Tanaka, K. (501) 185)

P-glycoprotein

Quinolone antimicrobial agent; Pazufloxacin; Multidrug resistance-associated protein 2 (Mrp2); Renal excretion; (Rat) (Shimizu, A. (501) 151)

Plasma leakage

Nitric oxide; Paw oedema; Potassium channel; Guanylate cyclase; Inflammation (Fernandes, D. (501) 209)

Potassium channel

Nitric oxide; Paw oedema; Guanylate cyclase; Plasma leakage; Inflammation (Fernandes, D. (501) 209)

Prodelphinidin B-2 3

3'-di-*O*-gallate; A549 cell; p53; Fas/APO-1; Fas ligand; Apoptosis (Kuo, P.-L. (501) 41)

Prolactin

Cytochrome *P*450; Cyclosporine; Bromocriptine; Drug metabolism (Lu, S.K. (501) 215)

Prostaglandin

Receptor; Agonist; EP₂; EP₄ (Wilson, R.J. (501) 49)

Prostaglandin E₂

NSAID; TNF α ; Cyclooxygenase; Glucocorticoid; Monocyte, human (Ulcár, R. (501) 9)

Protein kinase

Endothelin; Mechanical hyperalgesia; Endothelin ET_B receptor; cAMP (da Cunha, J.M. (501) 87)

Proteinuria

ClC-5 Cl^- channel; Hypertension; Angiotensin-converting enzyme; Perindopril (Tanaka, K. (501) 185)

Quinolone antimicrobial agent

Pazufloxacin; P-glycoprotein; Multidrug resistance-associated protein 2 (Mrp2); Renal excretion; (Rat) (Shimizu, A. (501) 151)

Rapid estrogen effect

Intestinal smooth muscle; K⁺ channel; Voltage-dependent Ca²⁺ channel; Spontaneous activity (Díaz, M. (501) 161)

(Rat)

Bladder; Long-chain fatty alcohol; Bladder neck obstruction; Detrusor overactivity (Saito, M. (501) 143)

Quinolone antimicrobial agent; Pazufloxacin; P-glycoprotein; Multidrug resistance-associated protein 2 (Mrp2); Renal excretion (Shimizu, A. (501) 151)

Cannabinoid receptor antagonist; Heroin self-administration (Navarro, M. (501) 235)

Receptor

Prostaglandin; Agonist; EP₂; EP₄ (Wilson, R.J. (501) 49)

Glucagon; Binding; Occupancy; Antagonist (Dallas-Yang, Q. (501) 225)

Relaxation

Isopropane; Airway smooth muscle; K⁺ current (Helli, P.B. (501) 179)

Renal excretion

Quinolone antimicrobial agent; Pazufloxacin; P-glycoprotein; Multidrug resistance-associated protein 2 (Mrp2); (Rat) (Shimizu, A. (501) 151)

Rofecoxib

Human monocyte; Tumor necrosis factor- α ; Nuclear factor- κ B; Indomethacin; Dexamethasone (Lavagno, L. (501) 199)

Ryanodine

Imidazoline receptor; KU14R; β -Carboline; Insulin secretion; Islets of Langerhans (Squires, P.E. (501) 31)

Spontaneous activity

Rapid estrogen effect; Intestinal smooth muscle; K⁺ channel; Voltage-dependent Ca²⁺ channel (Díaz, M. (501) 161)

Tail-flick

κ -Opioid receptor; Antagonist; JDTic; Antinociception; Diuresis (Carroll, I. (501) 111)

Tissue, bovine

Vasopressin receptor; Comparative pharmacology (Andrés, M. (501) 59)

TNF α

NSAID; Prostaglandin E₂; Cyclooxygenase; Glucocorticoid; Monocyte, human (Ulcár, R. (501) 9)

Toosendanin

Neonatal rat ventricular cell; L-type Ca²⁺ channel; Whole-cell patch-clamp; Agonist (Li, M.-F. (501) 71)

Tramadol

α_1 -Adrenoceptors; Dopamine D2 and D3 receptors; BDNF; TrkB; Brain, rat (Faron-Górecka, A. (501) 103)

Transforming growth factor- β

Angiotensin II; Chymase; Inhibitor (Takai, S. (501) 1)

TrkB

Tramadol; α_1 -Adrenoceptors; Dopamine D2 and D3 receptors; BDNF; Brain, rat (Faron-Górecka, A. (501) 103)

Tumor growth

Avermectin; (Mouse) (Drinyaev, V.A. (501) 19)

Tumor necrosis factor- α

Human monocyte; Nuclear factor- κ B; Rofecoxib; Indomethacin; Dexamethasone (Lavagno, L. (501) 199)

Vasopressin receptor

Tissue, bovine; Comparative pharmacology (Andrés, M. (501) 59)

Visceral pain

Clonidine; Guanfacine; Benazoline; Formalin; Imidazoline receptor (Sabetkasaie, M. (501) 95)

Voltage-dependent Ca²⁺ channel

Rapid estrogen effect; Intestinal smooth muscle; K⁺ channel; Spontaneous activity (Díaz, M. (501) 161)

Western-type diet

Orlistat; Fat absorption; Atherosclerosis (Ueshima, K. (501) 137)

Whole-cell patch-clamp

Toosendanin; Neonatal rat ventricular cell; L-type Ca²⁺ channel; Agonist (Li, M.-F. (501) 71)