

Keyword index

2-Amino-3-ethoxycarbonyl-*N*-methylbenz[indole-4,9-dione

Benz[*f*]indole-4,9-dione; Extracellular matrix; Matrix metalloproteinase; Tissue inhibitor of metalloproteinase; Membrane type 1-matrix metalloproteinase (Park, H.J. (527) 31)

α_{1B}-adrenoceptor

Kidney; Nandrolone; MDCK-D1 (Lindblom, J. (527) 157)

ABC transporter

Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Acetylcholinesterase inhibitor

Nicotinic acetylcholine receptor; Up-regulation; Neuroprotection; Alzheimer's disease (Kume, T. (527) 77)

Airway mucus

Leukotriene receptor antagonist; Secretion; Asthma; COPD (chronic obstructive pulmonary disease) (Schmidt, R. (527) 150)

Alzheimer's disease

Acetylcholinesterase inhibitor; Nicotinic acetylcholine receptor; Up-regulation; Neuroprotection (Kume, T. (527) 77)

Angiotensin-converting enzyme inhibition

Myocardial infarction; Diuretic; Pharmacokinetics (Westendorp, B. (527) 141)

Antinociception

Bradykinin B₁ receptor; Spinal cord; (Rat) (Conley, R.K. (527) 44)

Antiobesity drug

ABC transporter; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Antiplatelet agent

Thrombin; Thromboxane A₂ (Wu, C.-C. (527) 37)

Antipsychotic

Glycine_B site; *N*-methyl-D-aspartate receptors; Dopamine; Schizophrenia (Bennett, S. (527) 52)

Arrhythmia

Fasudil; Infarct size; Preconditioning; Rho-kinase (Demiryürek, Ş. (527) 129)

Asthma

Leukotriene receptor antagonist; Airway mucus; Secretion; COPD (chronic obstructive pulmonary disease) (Schmidt, R. (527) 150)

Benz[*f*]indole-4,9-dione

2-Amino-3-ethoxycarbonyl-*N*-methylbenz[indole-4,9-dione; Extracellular matrix; Matrix metalloproteinase; Tissue inhibitor of metalloproteinase; Membrane type 1-matrix metalloproteinase (Park, H.J. (527) 31)

Bradykinin B₁ receptor

Antinociception; Spinal cord; (Rat) (Conley, R.K. (527) 44)

Cannabinoid

Postoperative pain; Tactile allodynia (LaBuda, C.J.. (527) 172)

Cardiovascular disease

ABC transporter; Antiobesity drug; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Cardiovascular drug

ABC transporter; Antiobesity drug; Cardiovascular disease; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Cell injury

1-Methyl-4-phenylpyridinium; Glibenclamide; PC12 cell; Mitochondrial membrane permeability (Lee, C.S. (527) 23)

Chronic

Intracerebroventricular; Osmotic minipump; Morphine pellet; Naloxone; Withdrawal; Tolerance; (Mice) (Lenard, N.R. (527) 71)

Chronic exercise

Pulmonary hypertension; Vasorelaxation; Vasoconstriction (Goret, L. (527) 121)

Circadian

Suprachiasmatic; Neurokinin; Raphe; Depression (Gannon, R.L. (527) 86)

Colitis

PARP-1; GPI 15427; GPI 16539; Myeloperoxidase; Ischemia/Reperfusion (Di Paola, R. (527) 163)

Convulsions

Swim stress; (±)-8-hydroxy-2-(di-*n*-propylamino) tetralin hydrobromide (8-OH-DPAT); WAY-100635; 1-(2,5-dimethoxy-4-iodophenyl)-2-amino-propane (DOI); Ketanserin (Perićić, D. (527) 105)

COPD (chronic obstructive pulmonary disease)

Leukotriene receptor antagonist; Airway mucus; Secretion; Asthma (Schmidt, R. (527) 150)

Cyclic GMP

Sildenafil; Protein kinase G; K⁺ channel; Spinal processing (Araiza-Saldaña, C.I. (527) 60)

Depression

Circadian; Suprachiasmatic; Neurokinin; Raphe (Gannon, R.L. (527) 86)

1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane (DOI)

Swim stress; Convulsions; (±)-8-hydroxy-2-(di-*n*-propylamino) tetralin hydrobromide (8-OH-DPAT); WAY-100635; Ketanserin (Peričić, D. (527) 105)

Diuretic

Myocardial infarction; Angiotensin-converting enzyme inhibition; Pharmacokinetics (Westendorp, B. (527) 141)

DNQX

Morphine withdrawal; ΔFosB; Glutamate receptor; MK-801; Nucleus accumbens; Ventral tegmental area (Wang, H.-L. (527) 94)

Dopamine

Glycine_B site; *N*-methyl-D-aspartate receptors; Schizophrenia; Antipsychotic (Bennett, S. (527) 52)

Drug target

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Drug-metabolizing enzyme

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Extracellular matrix

Benz[*f*]indole-4,9-dione; 2-Amino-3-ethoxycarbonyl-*N*-methylbenz[indole-4,9-dione; Matrix metalloproteinase; Tissue inhibitor of metalloproteinase; Membrane type 1-matrix metalloproteinase (Park, H.J. (527) 31)

Fasudil

Arrhythmia; Infarct size; Preconditioning; Rho-kinase (Demiryürek, Ş. (527) 129)

FK962

Memory; Passive avoidance; Somatostatin; Water maze; Whole-cell patch-clamp (Tokita, K. (527) 111)

ΔFosB

Morphine withdrawal; Glutamate receptor; DNQX; MK-801; Nucleus accumbens; Ventral tegmental area (Wang, H.-L. (527) 94)

Glibenclamide

1-Methyl-4-phenylpyridinium; PC12 cell; Mitochondrial membrane permeability; Cell injury (Lee, C.S. (527) 23)

Glutamate receptor

Morphine withdrawal; ΔFosB; DNQX; MK-801; Nucleus accumbens; Ventral tegmental area (Wang, H.-L. (527) 94)

Glycine_B site

N-methyl-D-aspartate receptors; Dopamine; Schizophrenia; Antipsychotic (Bennett, S. (527) 52)

GPI 15427

PARP-1; GPI 16539; Myeloperoxidase; Colitis; Ischemia/Reperfusion (Di Paola, R. (527) 163)

GPI 16539

PARP-1; GPI 15427; Myeloperoxidase; Colitis; Ischemia/Reperfusion (Di Paola, R. (527) 163)

(±)-8-hydroxy-2-(di-*n*-propylamino) tetralin hydrobromide (8-OH-DPAT)

Swim stress; Convulsions; WAY-100635; 1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane (DOI); Ketanserin (Peričić, D. (527) 105)

Infarct size

Arrhythmia; Fasudil; Preconditioning; Rho-kinase (Demiryürek, Ş. (527) 129)

Inflammation

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Intracerebroventricular

Osmotic minipump; Morphine pellet; Chronic; Naloxone; Withdrawal; Tolerance; (Mice) (Lenard, N.R. (527) 71)

Ischemia/Reperfusion

PARP-1; GPI 15427; GPI 16539; Myeloperoxidase; Colitis (Di Paola, R. (527) 163)

K⁺ channel

Sildenafil; Cyclic GMP; Protein kinase G; Spinal processing (Araiza-Saldaña, C.I. (527) 60)

Ketanserin

Swim stress; Convulsions; (±)-8-hydroxy-2-(di-*n*-propylamino) tetralin hydrobromide (8-OH-DPAT); WAY-100635; 1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane (DOI) (Peričić, D. (527) 105)

Kidney

α_{1B}-adrenoceptor; Nandrolone; MDCK-D1 (Lindblom, J. (527) 157)

Leukotriene receptor antagonist

Airway mucus; Secretion; Asthma; COPD (chronic obstructive pulmonary disease) (Schmidt, R. (527) 150)

Matrix metalloproteinase

Benz[*f*]indole-4,9-dione; 2-Amino-3-ethoxycarbonyl-*N*-methylbenz[indole-4,9-dione; Extracellular matrix; Tissue inhibitor of metalloproteinase; Membrane type 1-matrix metalloproteinase (Park, H.J. (527) 31)

MDCK-D1

Kidney; α_{1B}-adrenoceptor; Nandrolone (Lindblom, J. (527) 157)

Membrane type 1-matrix metalloproteinase

Benz[*f*]indole-4,9-dione; 2-Amino-3-ethoxycarbonyl-*N*-methylbenz[indole-4,9-dione; Extracellular matrix; Matrix metalloproteinase; Tissue inhibitor of metalloproteinase (Park, H.J. (527) 31)

Memory

FK962; Passive avoidance; Somatostatin; Water maze; Whole-cell patch-clamp (Tokita, K. (527) 111)

1-Methyl-4-phenylpyridinium

Glibenclamide; PC12 cell; Mitochondrial membrane permeability; Cell injury (Lee, C.S. (527) 23)

(Mice)

Intracerebroventricular; Osmotic minipump; Morphine pellet; Chronic; Naloxone; Withdrawal; Tolerance (Lenard, N.R. (527) 71)

Mitochondrial membrane permeability

1-Methyl-4-phenylpyridinium; Glibenclamide; PC12 cell; Cell injury (Lee, C.S. (527) 23)

MK-801

Morphine withdrawal; Δ FosB; Glutamate receptor; DNQX; Nucleus accumbens; Ventral tegmental area (Wang, H.-L. (527) 94)

Morphine pellet

Intracerebroventricular; Osmotic minipump; Chronic; Naloxone; Withdrawal; Tolerance; (Mice) (Lenard, N.R. (527) 71)

Morphine withdrawal

Δ FosB; Glutamate receptor; DNQX; MK-801; Nucleus accumbens; Ventral tegmental area (Wang, H.-L. (527) 94)

Myeloperoxidase

PARP-1; GPI 15427; GPI 16539; Colitis; Ischemia/Reperfusion (Di Paola, R. (527) 163)

Myocardial infarction

Angiotensin-converting enzyme inhibition; Diuretic; Pharmacokinetics (Westendorp, B. (527) 141)

Naloxone

Intracerebroventricular; Osmotic minipump; Morphine pellet; Chronic; Withdrawal; Tolerance; (Mice) (Lenard, N.R. (527) 71)

Nandrolone

Kidney; α_{1B} -adrenoceptor; MDCK-D1 (Lindblom, J. (527) 157)

Neurokinin

Circadian; Suprachiasmatic; Raphe; Depression (Gannon, R.L. (527) 86)

Neuroprotection

Acetylcholinesterase inhibitor; Nicotinic acetylcholine receptor; Up-regulation; Alzheimer's disease (Kume, T. (527) 77)

Nicotinic acetylcholine receptor

Acetylcholinesterase inhibitor; Up-regulation; Neuroprotection; Alzheimer's disease (Kume, T. (527) 77)

N-methyl-D-aspartate receptors

Glycine_B site; Dopamine; Schizophrenia; Antipsychotic (Bennett, S. (527) 52)

Nucleus accumbens

Morphine withdrawal; Δ FosB; Glutamate receptor; DNQX; MK-801; Ventral tegmental area (Wang, H.-L. (527) 94)

Nutrigenetics

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Nutrigenomics

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Obesity; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Obesity

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Pharmacodynamic; Pharmacogenetic; Statin (Siest, G. (527) 1)

Osmotic minipump

Intracerebroventricular; Morphine pellet; Chronic; Naloxone; Withdrawal; Tolerance; (Mice) (Lenard, N.R. (527) 71)

PARP-1

GPI 15427; GPI 16539; Myeloperoxidase; Colitis; Ischemia/Reperfusion (Di Paola, R. (527) 163)

Passive avoidance

FK962; Memory; Somatostatin; Water maze; Whole-cell patch-clamp (Tokita, K. (527) 111)

PC12 cell

1-Methyl-4-phenylpyridinium; Glibenclamide; Mitochondrial membrane permeability; Cell injury (Lee, C.S. (527) 23)

Pharmacodynamic

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacogenetic; Statin (Siest, G. (527) 1)

Pharmacogenetic

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Statin (Siest, G. (527) 1)

Pharmacokinetics

Myocardial infarction; Angiotensin-converting enzyme inhibition; Diuretic (Westendorp, B. (527) 141)

Preconditioning

Arrhythmia; Fasudil; Infarct size; Rho-kinase (Demiryürek, Ş. (527) 129)

Protein kinase G

Sildenafil; Cyclic GMP; K⁺ channel; Spinal processing (Araiza-Saldaña, C.I. (527) 60)

Postoperative pain

Cannabinoid; Tactile allodynia (LaBuda, C.J.. (527) 172)

Pulmonary hypertension

Chronic exercise; Vasorelaxation; Vasoconstriction (Goret, L. (527) 121)

Raphe

Circadian; Suprachiasmatic; Neurokinin; Depression (Gannon, R.L. (527) 86)

(Rat)

Bradykinin B₁ receptor; Antinociception; Spinal cord (Conley, R.K. (527) 44)

Rho-kinase

Arrhythmia; Fasudil; Infarct size; Preconditioning (Demiryürek, Ş. (527) 129)

Schizophrenia

Glycine_B site; N-methyl-D-aspartate receptors; Dopamine; Antipsychotic (Bennett, S. (527) 52)

Secretion

Leukotriene receptor antagonist; Airway mucus; Asthma; COPD (chronic obstructive pulmonary disease) (Schmidt, R. (527) 150)

Sildenafil

Cyclic GMP; Protein kinase G; K⁺ channel; Spinal processing (Araiza-Saldaña, C.I. (527) 60)

Somatostatin

FK962; Memory; Passive avoidance; Water maze; Whole-cell patch-clamp (Tokita, K. (527) 111)

Spinal cord

Bradykinin B₁ receptor; Antinociception; (Rat) (Conley, R.K. (527) 44)

Spinal processing

Sildenafil; Cyclic GMP; Protein kinase G; K⁺ channel (Araiza-Saldaña, C.I. (527) 60)

Statin

ABC transporter; Antiobesity drug; Cardiovascular disease; Cardiovascular drug; Drug-metabolizing enzyme; Drug target; Inflammation; Nutrigenetics; Nutrigenomics; Obesity; Pharmacodynamic; Pharmacogenetic (Siest, G. (527) 1)

Suprachiasmatic

Circadian; Neurokinin; Raphe; Depression (Gannon, R.L. (527) 86)

Swim stress

Convulsions; (±)-8-hydroxy-2-(di-*n*-propylamino) tetralin hydrobromide (8-OH-DPAT); WAY-100635; 1-(2,5-dimethoxy-4-iodophenyl)-2-amino-propane (DOI); Ketanserin (Peričić, D. (527) 105)

Tactile allodynia

Cannabinoid; Postoperative pain (LaBuda, C.J.. (527) 172)

Thrombin

Antiplatelet agent; Thromboxane A₂ (Wu, C.-C. (527) 37)

Thromboxane A₂

Antiplatelet agent; Thrombin (Wu, C.-C. (527) 37)

Tissue inhibitor of metalloproteinase

Benz[*f*]indole-4,9-dione; 2-Amino-3-ethoxycarbonyl-*N*-methylbenz[*indole*-4,9-dione; Extracellular matrix; Matrix metalloproteinase; Membrane type 1-matrix metalloproteinase (Park, H.J. (527) 31)

Tolerance

Intracerebroventricular; Osmotic minipump; Morphine pellet; Chronic; Naloxone; Withdrawal; (Mice) (Lenard, N.R. (527) 71)

Up-regulation

Acetylcholinesterase inhibitor; Nicotinic acetylcholine receptor; Neuroprotection; Alzheimer's disease (Kume, T. (527) 77)

Vasoconstriction

Pulmonary hypertension; Chronic exercise; Vasorelaxation (Goret, L. (527) 121)

Vasorelaxation

Pulmonary hypertension; Chronic exercise; Vasoconstriction (Goret, L. (527) 121)

Ventral tegmental area

Morphine withdrawal; ΔFosB; Glutamate receptor; DNQX; MK-801; Nucleus accumbens (Wang, H.-L. (527) 94)

Water maze

FK962; Memory; Passive avoidance; Somatostatin; Whole-cell patch-clamp (Tokita, K. (527) 111)

WAY-100635

Swim stress; Convulsions; (±)-8-hydroxy-2-(di-*n*-propylamino) tetralin hydrobromide (8-OH-DPAT); 1-(2,5-dimethoxy-4-iodophenyl)-2-amino-propane (DOI); Ketanserin (Peričić, D. (527) 105)

Whole-cell patch-clamp

FK962; Memory; Passive avoidance; Somatostatin; Water maze (Tokita, K. (527) 111)

Withdrawal

Intracerebroventricular; Osmotic minipump; Morphine pellet; Chronic; Naloxone; Tolerance; (Mice) (Lenard, N.R. (527) 71)