

Keyword index

Acetylcholinesterase

Alzheimer's disease; Cholinesterase inhibitor; Butyrylcholinesterase (Liston, D.R. (486) 9)

Adenosine A₂ receptor

2-Alkynyladenosine derivative; Intraocular pressure; Outflow facility (Konno, T. (486) 307)

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Dopamine D1-like receptor; Non-adenylyl cyclase-coupled; SK&F 83822; Behavioural topography; Dopamine D1-like: D2-like receptor interaction; (Mouse) (O'Sullivan, G.J. (486) 273)

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2-Alkynyladenosine derivative

Adenosine A₂ receptor; Intraocular pressure; Outflow facility (Konno, T. (486) 307)

Allopregnanolone

Olfactory-bulbectomized rat; Antidepressant (Uzunova, V. (486) 31)

Alternans

HERG; Torsade de Pointes; QT prolongation; Arrhythmia (Fossa, A.A. (486) 209)

Alzheimer's disease

Cholinesterase inhibitor; Acetylcholinesterase; Butyrylcholinesterase (Liston, D.R. (486) 9)

σ₁ Receptor; Neuro(active)steroid; β-Amyloid-(1–40) protein; Depression; Conditioned fear stress; (Rat) (Urani, A. (486) 151)

AMPA receptor potentiator

Parkinson's disease; Neuroprotection; LY404187; 6-Hydroxydopamine; MPTP; GAP-43 (growth-associated protein-43); BDNF (brain-derived neurotrophic factor); (Rat) (O'Neill, M.J. (486) 163)

β-Amyloid-(1–40) protein

σ₁ Receptor; Neuro(active)steroid; Alzheimer's disease; Depression; Conditioned fear stress; (Rat) (Urani, A. (486) 151)

Anandamide

Cholestasis; Cannabinoid system; Nitric oxide (NO); Opioid system; Mesenteric vessel; (Rat) (Moezi, L. (486) 53)

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Sympathetic nervous system; Spontaneously hypertensive rat (SHR) (Boesen, E.I. (486) 183)

6-Anilino-5,8-quinolinedione

Polyethylene-glycol-superoxide dismutase; Cu/Zn superoxide dismutase; Diethyldithiocarbamate; Nitroergic relaxation; Gastric fundus; (Pig) (De Backer, O. (486) 223)

Antagonist

20-HETE; Agonist; Middle cerebral artery; Subarachnoid hemorrhage (Yu, M. (486) 297)

Anticancer drug

RC-3095; Bombesin; Gastrin-releasing peptide; Behavior; Memory (Roesler, R. (486) 35)

Antidepressant

5-HT (5-hydroxytryptamine, serotonin); Fluoxetine; 5-HT_{1A} receptor; 5-HT_{1B} receptor; Microdialysis (Newman, M.E. (486) 25)

Allopregnanolone; Olfactory-bulbectomized rat (Uzunova, V. (486) 31)

Antihyperglycemic effect

Dipeptidyl peptidase IV; GLP-1; Insulin; (Rat) (Takasaki, K. (486) 335)

Antinociception

μ-Opioid receptor; Dermorphin; Tetrapeptide; Naloxonazine; Mouse (Mizoguchi, H. (486) 19)

Morphine; Tolerance; Sex; Estrous cycle (Shekunova, E.V. (486) 259)

Aorta, rat

Endothelium; Glyceryl trinitrate metabolism; Glyceryl dinitrate; Artery relaxation; Tolerance, ex vivo; NO (nitric oxide) synthase inhibition (de la Lande, I.S. (486) 201)

Apoptosis

Ca²⁺; Cytochrome c; Caspase-3; Hypoxia/re-oxygenation; Na⁺/H⁺ exchanger (Sun, H.-Y. (486) 121)

Arrhythmia

Alternans; HERG; Torsade de Pointes; QT prolongation (Fossa, A.A. (486) 209)

Arterial hypertension

Tachykinin NK₃ receptor; Central autonomic regulation; Catecholamine; Vasopressin (Lessard, A. (486) 75)

Artery relaxation

Aorta, rat; Endothelium; Glyceryl trinitrate metabolism; Glyceryl dinitrate; Tolerance, ex vivo; NO (nitric oxide) synthase inhibition (de la Lande, I.S. (486) 201)

Atherosclerosis

Microcirculation; Reperfusion (Taylor, A.J. (486) 85)

Atrioventricular block

Fluoroquinolone; Monophasic action potential; QT interval; Torsades de pointes; α_1 -Adrenoceptor stimulation (Chiba, K. (486) 189)

Attention

Haloperidol; Clozapine; Risperidone; Cognition; Signal detection task (Rezvani, A.H. (486) 175)

Basilar artery

Diabetes; Endothelin-1; Endothelium; NO (Nitric oxide); (Rabbit) (Alabadí, J.A. (486) 289)

BDNF (brain-derived neurotrophic factor)

Parkinson's disease; Neuroprotection; AMPA receptor potentiator; LY404187; 6-Hydroxydopamine; MPTP; GAP-43 (growth-associated protein-43); (Rat) (O'Neill, M.J. (486) 163)

Behavior

RC-3095; Bombesin; Gastrin-releasing peptide; Anticancer drug; Memory (Roesler, R. (486) 35)

Behavioural topography

Dopamine D1-like receptor; Adenylyl cyclase-coupled; Non-adenylyl cyclase-coupled; SK&F 83822; Dopamine D1-like: D2-like receptor interaction; (Mouse) (O'Sullivan, G.J. (486) 273)

Biliverdin

Carbon monoxide (CO); Endothelin-1; Heme oxygenase; Pulmonary artery smooth muscle cell, human; Pulmonary hypertension (Stanford, S.J. (486) 349)

Bombesin

RC-3095; Gastrin-releasing peptide; Anticancer drug; Behavior; Memory (Roesler, R. (486) 35)

Butyrylcholinesterase

Alzheimer's disease; Cholinesterase inhibitor; Acetylcholinesterase (Liston, D.R. (486) 9)

Ca²⁺

Apoptosis; Cytochrome *c*; Caspase-3; Hypoxia/re-oxygenation; Na⁺/H⁺ exchanger (Sun, H.-Y. (486) 121)

Ca²⁺ channel

Ca²⁺ entry, capacitative; Fura-2; Myosin light chain kinase; Smooth muscle, airway (Ito, S. (486) 325)

Ca²⁺ entry, capacitative

Ca²⁺ channel; Fura-2; Myosin light chain kinase; Smooth muscle, airway (Ito, S. (486) 325)

Calmodulin

Morphine; Conditioned place preference; Trifluoperazine (Ye, X.-F. (486) 265)

Cannabinoid system

Cholestasis; Anandamide; Nitric oxide (NO); Opioid system; Mesenteric vessel; (Rat) (Moezi, L. (486) 53)

Carbachol

Na⁺-K⁺-ATPase; Parotid gland (Busch, L. (486) 99)

Carbon monoxide (CO)

Biliverdin; Endothelin-1; Heme oxygenase; Pulmonary artery smooth muscle cell, human; Pulmonary hypertension (Stanford, S.J. (486) 349)

Cardiac troponin C

Levosimendan; NMR (nuclear magnetic resonance); Drug interaction (Sorsa, T. (486) 1)

Carotid artery

Diabetes; NO (Nitric oxide); Endothelin-1; Endothelin ET_A receptor; Endothelin ET_B receptor; Endothelium (Lloréns, S. (486) 43)

Ca²⁺-sensitization

Phosphodiesterase inhibition; Phosphodiesterase subtype; Positive inotropy; Levosimendan; OR-1896 (Szilágyi, S. (486) 67)

Caspase-3

Apoptosis; Ca²⁺; Cytochrome *c*; Hypoxia/re-oxygenation; Na⁺/H⁺ exchanger (Sun, H.-Y. (486) 121)

Catecholamine

Tachykinin NK₃ receptor; Arterial hypertension; Central autonomic regulation; Vasopressin (Lessard, A. (486) 75)

Central autonomic regulation

Tachykinin NK₃ receptor; Arterial hypertension; Catecholamine; Vasopressin (Lessard, A. (486) 75)

Central injection

Gastric acid secretion; Vanilloid VR1 receptor; Tachykinin; CGRP (Calcitonin gene-related peptide); Glutamate; (Rat) (Minowa, S. (486) 317)

CGRP (Calcitonin gene-related peptide)

Gastric acid secretion; Vanilloid VR1 receptor; Tachykinin; Glutamate; Central injection; (Rat) (Minowa, S. (486) 317)

Cholestasis

Cannabinoid system; Anandamide; Nitric oxide (NO); Opioid system; Mesenteric vessel; (Rat) (Moezi, L. (486) 53)

Cholinesterase inhibitor

Alzheimer's disease; Acetylcholinesterase; Butyrylcholinesterase (Liston, D.R. (486) 9)

Clozapine

Attention; Haloperidol; Risperidone; Cognition; Signal detection task (Rezvani, A.H. (486) 175)

Cocaine

Pharmacokinetics; Occupancy; Reinforcement; Self-administration; Rhesus monkey (Woolverton, W.L. (486) 251)

Cognition

Attention; Haloperidol; Clozapine; Risperidone; Signal detection task (Rezvani, A.H. (486) 175)

Conditioned fear stress

σ_1 Receptor; Neuro(active)steroid; β -Amyloid-(1–40) protein; Alzheimer's disease; Depression; (Rat) (Urani, A. (486) 151)

Conditioned place preference

Morphine; Calmodulin; Trifluoperazine (Ye, X.-F. (486) 265)

Conformational energy

Ibotenic acid; Thioibotenic acid; Glutamate receptor; mGlu receptor; Group III agonist; Docking; Homology model (Hermit, M.B. (486) 241)

Cu/Zn superoxide dismutase

Polyethylene-glycol-superoxide dismutase; Diethyldithiocarbamate; 6-Anilino-5,8-quinolinedione; Nitrgic relaxation; Gastric fundus; (Pig) (De Backer, O. (486) 223)

Cyclooxygenase-2

Pancreatitis; HGF (hepatocyte growth factor); Interleukin-1 β ; Interleukin-10 (Warzecha, Z. (486) 107)

Cytochrome c

Apoptosis; Ca²⁺; Caspase-3; Hypoxia/re-oxygenation; Na⁺/H⁺ exchanger (Sun, H.-Y. (486) 121)

Depression

σ_1 Receptor; Neuro(active)steroid; β -Amyloid-(1–40) protein; Alzheimer's disease; Conditioned fear stress; (Rat) (Urani, A. (486) 151)

Dermorphin

μ -Opioid receptor; Tetrapeptide; Naloxonazine; Antinociception; Mouse (Mizoguchi, H. (486) 19)

Dextromethorphan

Morphine; Synergism; Mesenteric artery (Inan, S. (486) 61)

Diabetes

NO (Nitric oxide); Endothelin-1; Endothelin ET_A receptor; Endothelin ET_B receptor; Endothelium; Carotid artery (Lloréns, S. (486) 43)

Endothelin-1; Endothelium; NO (Nitric oxide); Basilar artery; (Rabbit) Alabadí, J.A. (486) 289)

Diethyldithiocarbamate

Polyethylene-glycol-superoxide dismutase; Cu/Zn superoxide dismutase; 6-Anilino-5,8-quinolinedione; Nitrgic relaxation; Gastric fundus; (Pig) (De Backer, O. (486) 223)

Dipeptidyl peptidase IV

Antihyperglycemic effect; GLP-1; Insulin; (Rat) (Takasaki, K. (486) 335)

Docking

Ibotenic acid; Thioibotenic acid; Glutamate receptor; mGlu receptor; Group III agonist; Homology model; Conformational energy (Hermit, M.B. (486) 241)

Dopamine D1-like: D2-like receptor interaction

Dopamine D1-like receptor; Adenylyl cyclase-coupled; Non-adenylyl cyclase-coupled; SK&F 83822; Behavioural topography; (Mouse) (O'Sullivan, G.J. (486) 273)

Dopamine D1-like receptor

Adenylyl cyclase-coupled; Non-adenylyl cyclase-coupled; SK&F 83822; Behavioural topography; Dopamine D1-like: D2-like receptor interaction; (Mouse) (O'Sullivan, G.J. (486) 273)

Drug interaction

Cardiac troponin C; Levosimendan; NMR (nuclear magnetic resonance) (Sorsa, T. (486) 1)

EDHF (endothelium-derived hyperpolarizing factor)

Gender; NO (Nitric oxide); Vasoconstriction; Vasodilatation (Wangenstein, R. (486) 281)

Endothelial cell

Sphingosine 1-phosphate; Histamine; Protein kinase C; p38 MAPK; Adhesion molecule; (Human) (Shimamura, K. (486) 141)

Endothelin-1

Diabetes; NO (Nitric oxide); Endothelin ET_A receptor; Endothelin ET_B receptor; Endothelium; Carotid artery (Lloréns, S. (486) 43)

Biliverdin; Carbon monoxide (CO); Heme oxygenase; Pulmonary artery smooth muscle cell, human; Pulmonary hypertension (Stanford, S.J. (486) 349)

Diabetes; Endothelium; NO (Nitric oxide); Basilar artery; (Rabbit) (Alabadí, J.A. (486) 289)

Endothelin ET_A receptor

Diabetes; NO (Nitric oxide); Endothelin-1; Endothelin ET_B receptor; Endothelium; Carotid artery (Lloréns, S. (486) 43)

Endothelin ET_B receptor

Diabetes; NO (Nitric oxide); Endothelin-1; Endothelin ET_A receptor; Endothelium; Carotid artery (Lloréns, S. (486) 43)

Endothelium

Diabetes; NO (Nitric oxide); Endothelin-1; Endothelin ET_A receptor; Endothelin ET_B receptor; Carotid artery (Lloréns, S. (486) 43)

Aorta, rat; Glyceryl trinitrate metabolism; Glyceryl dinitrate; Artery relaxation; Tolerance, ex vivo; NO (nitric oxide) synthase inhibition (de la Lande, I.S. (486) 201)

Diabetes; Endothelin-1; NO (Nitric oxide); Basilar artery; (Rabbit) (Alabadí, J.A. (486) 289)

Estrous cycle

Morphine; Antinociception; Tolerance; Sex (Shekunova, E.V. (486) 259)

Hypothyroidism; Thyroid hormone; Thyroxine; Ovarian hormone; Gonadotropin (Hatsuta, M. (486) 343)

Fluoroquinolone

Monophasic action potential; QT interval; Torsades de pointes; Atrioventricular block; α_1 -Adrenoceptor stimulation (Chiba, K. (486) 189)

Fluoxetine

5-HT (5-hydroxytryptamine, serotonin); Antidepressant; 5-HT_{1A} receptor; 5-HT_{1B} receptor; Microdialysis (Newman, M.E. (486) 25)

Fura-2

Ca²⁺ channel; Ca²⁺ entry, capacitative; Myosin light chain kinase; Smooth muscle, airway (Ito, S. (486) 325)

GAP-43 (growth-associated protein-43)

Parkinson's disease; Neuroprotection; AMPA receptor potentiator; LY404187; 6-Hydroxydopamine; MPTP; BDNF (brain-derived neurotrophic factor); (Rat) (O'Neill, M.J. (486) 163)

Gastric acid secretion

Vanilloid VR1 receptor; Tachykinin; CGRP (Calcitonin gene-related peptide); Glutamate; Central injection; (Rat) (Minowa, S. (486) 317)

Gastric fundus

Polyethylene-glycol-superoxide dismutase; Cu/Zn superoxide dismutase; Diethyldithiocarbamate; 6-Anilino-5,8-quinolinedione; Nitrgic relaxation; (Pig) (De Backer, O. (486) 223)

Gastrin-releasing peptide

RC-3095; Bombesin; Anticancer drug; Behavior; Memory (Roesler, R. (486) 35)

Gender

EDHF (endothelium-derived hyperpolarizing factor); NO (Nitric oxide); Vasoconstriction; Vasodilatation (Wangenstein, R. (486) 281)

GLP-1

Antihyperglycemic effect; Dipeptidyl peptidase IV; Insulin; (Rat) (Takasaki, K. (486) 335)

Glutamate

Gastric acid secretion; Vanilloid VR1 receptor; Tachykinin; CGRP (Calcitonin gene-related peptide); Central injection; (Rat) (Minowa, S. (486) 317)

Glutamate receptor

Ibotenic acid; Thioibotenic acid; mGlu receptor; Group III agonist; Docking; Homology model; Conformational energy (Hermit, M.B. (486) 241)

Glyceryl dinitrate

Aorta, rat; Endothelium; Glyceryl trinitrate metabolism; Artery relaxation; Tolerance, ex vivo; NO (nitric oxide) synthase inhibition (de la Lande, I.S. (486) 201)

Glyceryl trinitrate metabolism

Aorta, rat; Endothelium; Glyceryl dinitrate; Artery relaxation; Tolerance, ex vivo; NO (nitric oxide) synthase inhibition (de la Lande, I.S. (486) 201)

Gonadotropin

Hypothyroidism; Thyroid hormone; Thyroxine; Ovarian hormone; Estrous cycle (Hatsuta, M. (486) 343)

Group III agonist

Ibotenic acid; Thioibotenic acid; Glutamate receptor; mGlu receptor; Docking; Homology model; Conformational energy (Hermit, M.B. (486) 241)

GW9662

Shock; PPAR (peroxisome proliferator-activated receptor) (Collin, M. (486) 233)

Haloperidol

Attention; Clozapine; Risperidone; Cognition; Signal detection task (Rezvani, A.H. (486) 175)

Heme oxygenase

Biliverdin; Carbon monoxide (CO); Endothelin-1; Pulmonary artery smooth muscle cell, human; Pulmonary hypertension (Stanford, S.J. (486) 349)

HERG

Alternans; Torsade de Pointes; QT prolongation; Arrhythmia (Fossa, A.A. (486) 209)

20-HETE

Agonist; Antagonist; Middle cerebral artery; Subarachnoid hemorrhage (Yu, M. (486) 297)

HGF (hepatocyte growth factor)

Pancreatitis; Cyclooxygenase-2; Interleukin-1 β ; Interleukin-10 (Warzecha, Z. (486) 107)

Histamine

Sphingosine 1-phosphate; Protein kinase C; p38 MAPK; Adhesion molecule; Endothelial cell; (Human) (Shimamura, K. (486) 141)

Homology model

Ibotenic acid; Thioibotenic acid; Glutamate receptor; mGlu receptor; Group III agonist; Docking; Conformational energy (Hermit, M.B. (486) 241)

5-HT_{1A} receptor

5-HT (5-hydroxytryptamine, serotonin); Antidepressant; Fluoxetine; 5-HT_{1B} receptor; Microdialysis (Newman, M.E. (486) 25)

5-HT_{1B} receptor

5-HT (5-hydroxytryptamine, serotonin); Antidepressant; Fluoxetine; 5-HT_{1A} receptor; Microdialysis (Newman, M.E. (486) 25)

5-HT (5-hydroxytryptamine, serotonin)

Antidepressant; Fluoxetine; 5-HT_{1A} receptor; 5-HT_{1B} receptor; Microdialysis (Newman, M.E. (486) 25)

(Human)

Sphingosine 1-phosphate; Histamine; Protein kinase C; p38 MAPK; Adhesion molecule; Endothelial cell (Shimamura, K. (486) 141)

Human β -cell

Y-26763; K_{ATP} channel; Insulin secretion; NES2Y (Cosgrove, K.E. (486) 133)

6-Hydroxydopamine

Parkinson's disease; Neuroprotection; AMPA receptor potentiator; LY404187; MPTP; GAP-43 (growth-associated protein-43); BDNF (brain-derived neurotrophic factor); (Rat) (O'Neill, M.J. (486) 163)

Hypothyroidism

Thyroid hormone; Thyroxine; Ovarian hormone; Gonadotropin; Estrous cycle (Hatsuta, M. (486) 343)

Hypoxia/re-oxygenation

Apoptosis; Ca²⁺; Cytochrome *c*; Caspase-3; Na⁺/H⁺ exchanger (Sun, H.-Y. (486) 121)

Ibotenic acid

Thioibotenic acid; Glutamate receptor; mGlu receptor; Group III agonist; Docking; Homology model; Conformational energy (Hermit, M.B. (486) 241)

Insulin

Antihyperglycemic effect; Dipeptidyl peptidase IV; GLP-1; (Rat) (Takasaki, K. (486) 335)

Insulin secretion

Y-26763; K_{ATP} channel; Human β -cell; NES2Y (Cosgrove, K.E. (486) 133)

Interleukin-1 β

Pancreatitis; HGF (hepatocyte growth factor); Cyclooxygenase-2; Interleukin-10 (Warzecha, Z. (486) 107)

Interleukin-10

Pancreatitis; HGF (hepatocyte growth factor); Cyclooxygenase-2; Interleukin-10 (Warzecha, Z. (486) 107)

Intraocular pressure

2-Alkynyladenosine derivative; Adenosine A₂ receptor; Outflow facility (Konno, T. (486) 307)

K_{ATP} channel

Y-26763; Insulin secretion; Human β -cell; NES2Y (Cosgrove, K.E. (486) 133)

Levosimendan

Cardiac troponin C; NMR (nuclear magnetic resonance); Drug interaction (Sorsa, T. (486) 1)

Ca²⁺-sensitization; Phosphodiesterase inhibition; Phosphodiesterase subtype; Positive inotropy; OR-1896 (Szilágyi, S. (486) 67)

LY404187

Parkinson's disease; Neuroprotection; AMPA receptor potentiator; 6-Hydroxydopamine; MPTP; GAP-43 (growth-associated protein-43); BDNF (brain-derived neurotrophic factor); (Rat) (O'Neill, M.J. (486) 163)

Memory

RC-3095; Bombesin; Gastrin-releasing peptide; Anticancer drug; Behavior (Roesler, R. (486) 35)

Mesenteric artery

Dextromethorphan; Morphine; Synergism (Inan, S. (486) 61)

Mesenteric vessel

Cholestasis; Cannabinoid system; Anandamide; Nitric oxide (NO); Opioid system; (Rat) (Moezi, L. (486) 53)

mGlu receptor

Ibotenic acid; Thioibotenic acid; Glutamate receptor; Group III agonist; Docking; Homology model; Conformational energy (Hermit, M.B. (486) 241)

Microcirculation

Reperfusion; Atherosclerosis (Taylor, A.J. (486) 85)

Microdialysis

5-HT (5-hydroxytryptamine, serotonin); Antidepressant; Fluoxetine; 5-HT_{1A} receptor; 5-HT_{1B} receptor (Newman, M.E. (486) 25)

Middle cerebral artery

20-HETE; Agonist; Antagonist; Subarachnoid hemorrhage (Yu, M. (486) 297)

Monophasic action potential

Fluoroquinolone; QT interval; Torsades de pointes; Atrioventricular block; α_1 -Adrenoceptor stimulation (Chiba, K. (486) 189)

Morphine

Dextromethorphan; Synergism; Mesenteric artery (Inan, S. (486) 61)

Antinociception; Tolerance; Sex; Estrous cycle (Shekunova, E.V. (486) 259)

Conditioned place preference; Calmodulin; Trifluoperazine (Ye, X.-F. (486) 265)

Mouse

μ -Opioid receptor; Dermorphin; Tetrapeptide; Naloxonazine; Antinociception (Mizoguchi, H. (486) 19)

Dopamine D1-like receptor; Adenylyl cyclase-coupled; Non-adenylyl cyclase-coupled; SK&F 83822; Behavioural topography; Dopamine D1-like: D2-like receptor interaction (O'Sullivan, G.J. (486) 273)

MPTP

Parkinson's disease; Neuroprotection; AMPA receptor potentiator; LY404187; 6-Hydroxydopamine; GAP-43 (growth-associated protein-43); BDNF (brain-derived neurotrophic factor); (Rat) (O'Neill, M.J. (486) 163)

Myosin light chain kinase

Ca²⁺ channel; Ca²⁺ entry, capacitative; Fura-2; Smooth muscle, airway (Ito, S. S. (486) 325)

Na⁺/H⁺ exchanger

Apoptosis; Ca²⁺; Cytochrome c; Caspase-3; Hypoxia/re-oxygenation (Sun, H.-Y. (486) 121)

Na⁺-K⁺-ATPase

Parotid gland; Carbachol (Busch, L. (486) 99)

Naloxonazine

μ -Opioid receptor; Dermorphin; Tetrapeptide; Antinociception; Mouse (Mizoguchi, H. (486) 19)

NES2Y

Y-26763; K_{ATP} channel; Insulin secretion; Human β -cell (Cosgrove, K.E. (486) 133)

Neuro(active)steroid

σ_1 Receptor; β -Amyloid-(1–40) protein; Alzheimer's disease; Depression; Conditioned fear stress; (Rat) (Urani, A. (486) 151)

Neuroprotection

Parkinson's disease; AMPA receptor potentiator; LY404187; 6-Hydroxydopamine; MPTP; GAP-43 (growth-associated protein-43); BDNF (brain-derived neurotrophic factor); (Rat) (O'Neill, M.J. (486) 163)

Nitrgergic relaxation

Polyethylene-glycol-superoxide dismutase; Cu/Zn superoxide dismutase; Diethyldithiocarbamate; 6-Anilino-5,8-quinolinedione; Gastric fundus; (Pig) (De Backer, O. (486) 223)

Nitric oxide (NO)

Cholestasis; Cannabinoid system; Anandamide; Opioid system; Mesenteric vessel; (Rat) (Moezi, L. (486) 53)

NMR (nuclear magnetic resonance)

Cardiac troponin C; Levosimendan; Drug interaction (Sorsa, T. (486) 1)

Non-adenylyl cyclase-coupled

Dopamine D1-like receptor; Adenylyl cyclase-coupled; SK&F 83822; Behavioural topography; Dopamine D1-like: D2-like receptor interaction; (Mouse) (O'Sullivan, G.J. (486) 273)

NO (Nitric oxide)

Diabetes; Endothelin-1; Endothelin ET_A receptor; Endothelin ET_B receptor; Endothelium; Carotid artery (Lloréns, S. (486) 43)

EDHF (endothelium-derived hyperpolarizing factor); Gender; Vasoconstriction; Vasodilatation (Wangenstein, R. (486) 281)

Diabetes; Endothelin-1; Endothelium; Basilar artery; (Rabbit) (Alabadí, J.A. (486) 289)

NO (nitric oxide) synthase inhibition

Aorta, rat; Endothelium; Glyceryl trinitrate metabolism; Glyceryl dinitrate; Artery relaxation; Tolerance, ex vivo (de la Lande, I.S. (486) 201)

Occupancy

Cocaine; Pharmacokinetics; Reinforcement; Self-administration; Rhesus monkey (Woolverton, W.L. (486) 251)

Oesophageal striated muscle

Ryanodine; Sarcoplasmic reticulum; SHRSP (stroke-prone spontaneously hypertensive rat); Twitch contraction (Sekiguchi, F. (486) 91)

Olfactory-bulbectomized rat

Allopregnanolone; Antidepressant (Uzunova, V. (486) 31)

 μ -Opioid receptor

Dermorphin; Tetrapeptide; Naloxonazine; Antinociception; Mouse (Mizoguchi, H. (486) 19)

Opioid system

Cholestasis; Cannabinoid system; Anandamide; Nitric oxide (NO); Mesenteric vessel; (Rat) (Moezi, L. (486) 53)

OR-1896

Ca²⁺-sensitization; Phosphodiesterase inhibition; Phosphodiesterase subtype; Positive inotropy; Levosimendan (Szilágyi, S. (486) 67)

Outflow facility

2-Alkynyladenosine derivative; Adenosine A₂ receptor; Intraocular pressure (Konno, T. (486) 307)

Ovarian hormone

Hypothyroidism; Thyroid hormone; Thyroxine; Gonadotropin; Estrous cycle (Hatsuta, M. (486) 343)

Pancreatitis

HGF (hepatocyte growth factor); Cyclooxygenase-2; Interleukin-1 β ; Interleukin-10 (Warzecha, Z. (486) 107)

Parkinson's disease

Neuroprotection; AMPA receptor potentiator; LY404187; 6-Hydroxydopamine; MPTP; GAP-43 (growth-associated protein-43); BDNF (brain-derived neurotrophic factor); (Rat) (O'Neill, M.J. (486) 163)

Parotid gland

Na⁺-K⁺-ATPase; Carbachol (Busch, L. (486) 99)

Pharmacokinetics

Cocaine; Occupancy; Reinforcement; Self-administration; Rhesus monkey (Woolverton, W.L. (486) 251)

Phosphodiesterase inhibition

Ca²⁺-sensitization; Phosphodiesterase subtype; Positive inotropy; Levosimendan; OR-1896 (Szilágyi, S. (486) 67)

Phosphodiesterase subtype

Ca²⁺-sensitization; Phosphodiesterase inhibition; Positive inotropy; Levosimendan; OR-1896 (Szilágyi, S. (486) 67)

(Pig)

Polyethylene-glycol-superoxide dismutase; Cu/Zn superoxide dismutase; Diethyldithiocarbamate; 6-Anilino-5,8-quinolinedione; Nitric relaxation; Gastric fundus (De Backer, O. (486) 223)

p38 MAPK

Sphingosine 1-phosphate; Histamine; Protein kinase C; Adhesion molecule; Endothelial cell; (Human) (Shimamura, K. (486) 141)

Polyethylene-glycol-superoxide dismutase

Cu/Zn superoxide dismutase; Diethyldithiocarbamate; 6-Anilino-5,8-quinolinedione; Nitric relaxation; Gastric fundus; (Pig) (De Backer, O. (486) 223)

Positive inotropy

Ca²⁺-sensitization; Phosphodiesterase inhibition; Phosphodiesterase subtype; Levosimendan; OR-1896 (Szilágyi, S. (486) 67)

PPAR (peroxisome proliferator-activated receptor)

Shock; GW9662 (Collin, M. (486) 233)

Protein kinase C

Sphingosine 1-phosphate; Histamine; p38 MAPK; Adhesion molecule; Endothelial cell; (Human) (Shimamura, K. (486) 141)

Pulmonary artery smooth muscle cell, human

Biliverdin; Carbon monoxide (CO); Endothelin-1; Heme oxygenase; Pulmonary hypertension (Stanford, S.J. (486) 349)

Pulmonary hypertension

Biliverdin; Carbon monoxide (CO); Endothelin-1; Heme oxygenase; Pulmonary artery smooth muscle cell, human (Stanford, S.J. (486) 349)

QT interval

Fluoroquinolone; Monophasic action potential; Torsades de pointes; Atrioventricular block; α_1 -Adrenoceptor stimulation (Chiba, K. (486) 189)

QT prolongation

Alternans; HERG; Torsade de Pointes; Arrhythmia (Fossa, A.A. (486) 209)

(Rabbit)

Diabetes; Endothelin-1; Endothelium; NO (Nitric oxide); Basilar artery (Alabadí, J.A. (486) 289)

(Rat)

Cholestasis; Cannabinoid system; Anandamide; Nitric oxide (NO); Opioid system; Mesenteric vessel (Moezi, L. (486) 53)

σ_1 Receptor; Neuro(active)steroid; β -Amyloid-(1–40) protein; Alzheimer's disease; Depression; Conditioned fear stress (Urani, A. (486) 151)

Parkinson's disease; Neuroprotection; AMPA receptor potentiator; LY404187; 6-Hydroxydopamine; MPTP; GAP-43 (growth-associated protein-43); BDNF (brain-derived neurotrophic factor) (O'Neill, M.J. (486) 163)

Gastric acid secretion; Vanilloid VR1 receptor; Tachykinin; CGRP (Calcitonin gene-related peptide); Glutamate; Central injection (Minowa, S. (486) 317)

Antihyperglycemic effect; Dipeptidyl peptidase IV; GLP-1; Insulin (Takasaki, K. (486) 335)

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Bombesin; Gastrin-releasing peptide; Anticancer drug; Behavior; Memory (Roesler, R. (486) 35)

 σ_1 Receptor

Neuro(active)steroid; β -Amyloid-(1–40) protein; Alzheimer's disease; Depression; Conditioned fear stress; (Rat) (Urani, A. (486) 151)

Reinforcement

Cocaine; Pharmacokinetics; Occupancy; Self-administration; Rhesus monkey (Woolverton, W.L. (486) 251)

Reperfusion

Microcirculation; Atherosclerosis (Taylor, A.J. (486) 85)

Rhesus monkey

Cocaine; Pharmacokinetics; Occupancy; Reinforcement; Self-administration (Woolverton, W.L. (486) 251)

Risperidone

Attention; Haloperidol; Clozapine; Cognition; Signal detection task (Rezvani, A.H. (486) 175)

Ryanodine

Oesophageal striated muscle; Sarcoplasmic reticulum; SHRSP (stroke-prone spontaneously hypertensive rat); Twitch contraction (Sekiguchi, F. (486) 91)

Sarcoplasmic reticulum

Ryanodine; Oesophageal striated muscle; SHRSP (stroke-prone spontaneously hypertensive rat); Twitch contraction (Sekiguchi, F. (486) 91)

Self-administration

Cocaine; Pharmacokinetics; Occupancy; Reinforcement; Rhesus monkey (Woolverton, W.L. (486) 251)

Sex

Morphine; Antinociception; Tolerance; Estrous cycle (Shekunova, E.V. (486) 259)

Shock

PPAR (peroxisome proliferator-activated receptor); GW9662 (Collin, M. (486) 233)

SHRSP (stroke-prone spontaneously hypertensive rat)

Ryanodine; Oesophageal striated muscle; Sarcoplasmic reticulum; Twitch contraction (Sekiguchi, F. (486) 91)

Signal detection task

Attention; Haloperidol; Clozapine; Risperidone; Cognition (Rezvani, A.H. (486) 175)

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Dopamine D1-like receptor; Adenylyl cyclase-coupled; Non-adenylyl cyclase-coupled; Behavioural topography; Dopamine D1-like: D2-like receptor interaction; (Mouse) (O'Sullivan, G.J. (486) 273)

Smooth muscle, airway

Ca²⁺ channel; Ca²⁺ entry, capacitative; Fura-2; Myosin light chain kinase (Ito, S. (486) 325)

Sphingosine 1-phosphate

Histamine; Protein kinase C; p38 MAPK; Adhesion molecule; Endothelial cell; (Human) (Shimamura, K. (486) 141)

Spontaneously hypertensive rat (SHR)

Sympathetic nervous system; Andrenoceptor antagonist (Boesen, E.I. (486) 183)

Subarachnoid hemorrhage

20-HETE; Agonist; Antagonist; Middle cerebral artery (Yu, M. (486) 297)

Sympathetic nervous system

Andrenoceptor antagonist; Spontaneously hypertensive rat (SHR) (Boesen, E.I. (486) 183)

Synergism

Dextromethorphan; Morphine; Mesenteric artery (Inan, S. (486) 61)

Tachykinin

Gastric acid secretion; Vanilloid VR1 receptor; CGRP (Calcitonin gene-related peptide); Glutamate; Central injection; (Rat) (Minowa, S. (486) 317)

Tachykinin NK₃ receptor

Arterial hypertension; Central autonomic regulation; Catecholamine; Vasopressin (Lessard, A. (486) 75)

Tetrapeptide

μ-Opioid receptor; Dermorphin; Naloxonazine; Antinociception; Mouse (Mizoguchi, H. (486) 19)

Thioibotenic acid

Ibotenic acid; Glutamate receptor; mGlu receptor; Group III agonist; Docking; Homology model; Conformational energy (Hermit, M.B. (486) 241)

Thyroid hormone

Hypothyroidism; Thyroxine; Ovarian hormone; Gonadotropin; Estrous cycle (Hatsuta, M. (486) 343)

Thyroxine

Hypothyroidism; Thyroid hormone; Ovarian hormone; Gonadotropin; Estrous cycle (Hatsuta, M. (486) 343)

Tolerance

Morphine; Antinociception; Sex; Estrous cycle (Shekunova, E.V. (486) 259)

Tolerance, ex vivo

Aorta, rat; Endothelium; Glyceryl trinitrate metabolism; Glyceryl dinitrate; Artery relaxation; NO (nitric oxide) synthase inhibition (de la Lande, I.S. (486) 201)

Torsade de Pointes

Alternans; HERG; QT prolongation; Arrhythmia (Fossa, A.A. (486) 209)

Torsades de pointes

Fluoroquinolone; Monophasic action potential; QT interval; Atrioventricular block; α₁-Adrenoceptor stimulation (Chiba, K. (486) 189)

Trifluoperazine

Morphine; Conditioned place preference; Calmodulin (Ye, X.-F. (486) 265)

Twitch contraction

Ryanodine; Oesophageal striated muscle; Sarcoplasmic reticulum; SHRSP (stroke-prone spontaneously hypertensive rat) (Sekiguchi, F. (486) 91)

Vanilloid VR1 receptor

Gastric acid secretion; Tachykinin; CGRP (Calcitonin gene-related peptide); Glutamate; Central injection; (Rat) (Minowa, S. (486) 317)

Vasoconstriction

EDHF (endothelium-derived hyperpolarizing factor); Gender; NO (Nitric oxide); Vasodilatation (Wangenstein, R. (486) 281)

Vasodilatation

EDHF (endothelium-derived hyperpolarizing factor); Gender; NO (Nitric oxide); Vasoconstriction (Wangenstein, R. (486) 281)

Vasopressin

Tachykinin NK₃ receptor; Arterial hypertension; Central autonomic regulation; Catecholamine (Lessard, A. (486) 75)

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K_{ATP} channel; Insulin secretion; Human β-cell; NES2Y (Cosgrove, K.E. (486) 133)