

Keyword index

Acetylcholine

Isoprostan; Airway inflammation; Parasympathetic nerve; Asthma (Spicuzza, L. (416) 231)

α_{1L} -Adrenoceptor subtype

Nasal mucosa vasculature; JTH-601; Drug antagonism (Hirai, T. (416) 141)

β_3 -Adrenoceptor

β -adrenoceptor, atypical; Duodenum, guinea pig; Stereoselectivity; β -Adrenoceptor alkylating; Structure–activity relationship (Horinouchi, T. (416) 153)

SR59230A; ($\pm$)-Bupranolol; β -Adrenoceptor, atypical; Gastric fundus, guinea pig; Duodenum, guinea pig (Horinouchi, T. (416) 165)

β -Adrenoceptor alkylating

β -adrenoceptor, atypical; β_3 -Adrenoceptor; Duodenum, guinea pig; Stereoselectivity; Structure–activity relationship (Horinouchi, T. (416) 153)

β -Adrenoceptor, atypical

SR59230A; ($\pm$)-Bupranolol; β_3 -Adrenoceptor; Gastric fundus, guinea pig; Duodenum, guinea pig (Horinouchi, T. (416) 165)

β -adrenoceptor, atypical

β_3 -Adrenoceptor; Duodenum, guinea pig; Stereoselectivity; β -Adrenoceptor alkylating; Structure–activity relationship (Horinouchi, T. (416) 153)

Airway inflammation

Isoprostan; Parasympathetic nerve; Asthma; Acetylcholine (Spicuzza, L. (416) 231)

Allosteric

Muscarinic M_2 acetylcholine receptor; Otenzepad (Lanzafame, A. (416) 235)

Aminophylline

cAMP; Dibutyryl-cAMP; Cholera toxin; Forskolin; Nociception (Brito, G.A.C. (416) 223)

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Clomipramine; Chronic pain; Monoarthritis; Paw pressure; C-fiber reflex; (Rat) (Pelissier, T. (416) 51)

Angiotensin converting enzyme inhibitor

Pulmonary hypertension; Pulmonary vascular remodelling; Ca^{2+} channel antagonist (Jeffery, T.K. (416) 123)

Antinociception

Endomorphin; Cholecystokinin; CCK_2 receptor; Diabetes (Kamei, J. (416) 95)

Antinociception

Dermorphin; Opioid; Tetrapeptide; TAPS (Tyr-D-Arg²-Phe-Sar⁴); Receptor subtype (Vanhof, S. (416) 83)

Antioxidant

Neurodegeneration; Hypothermia; Ischaemia; S33113 (Lockhart, B. (416) 59)

Apoptosis

Bcl-2; CPP32; Cytochrome *c*; Esculetin; Leukemia (Chu, C.-Y. (416) 25)

Chondroitin sulfate; Dermatan; Chondroitinase; Metastasis; Proliferation (Denholm, E.M. (416) 213)

Asthma

Isoprostan; Airway inflammation; Parasympathetic nerve; Acetylcholine (Spicuzza, L. (416) 231)

ATP

Nicorandil; Ca^{2+} , intracellular; Endothelial cell; Caudal artery, rat (Hashimoto, M. (416) 179)

P2Y₄ receptor; UTP; P2 receptor antagonist; 1321N1 astrocytoma cell line (Suarez-Huerta, N. (416) 197)

Basilar artery, rat

Vasopressin; Vasopressin V_1 receptor; Endothelium; Nifedipine (Katori, E. (416) 113)

Bcl-2

Apoptosis; CPP32; Cytochrome *c*; Esculetin; Leukemia (Chu, C.-Y. (416) 25)

Bipolar disorder

Carbamazepine; Dopamine; Imipramine; Mania; Motor activity; Quinpirole (D'Aquila, P.S. (416) 107)

Bladder

Cyclophosphamide; Nitric oxide (NO); Nitric oxide (NO) synthase, inducible; Cystitis; Primary cell culture (Xu, X. (416) 1)

Bradykinin

ECL cell; Gastrin; Histamine; Interleukin-1 β ; PACAP (pituitary adenylate cyclase-activating peptide); Prostaglandin E_2 ; TNF- α (tumor necrosis factor- α) (Lindström, E. (416) 255)

Bradykinin B_1 receptor

Bradykinin B_2 receptor; Streptozotocin; Diabetes; Paw oedema (Rat); Insulin (Campos, M.M. (416) 169)

Bradykinin B_2 receptor

Bradykinin B_1 receptor; Streptozotocin; Diabetes; Paw oedema (Rat); Insulin (Campos, M.M. (416) 169)

(±)-Bupranolol

SR59230A; β -Adrenoceptor, atypical; β_3 -Adrenoceptor; Gastric fundus, guinea pig; Duodenum, guinea pig (Horinouchi, T. (416) 165)

Butaprost

Myometrium; Prostaglandin E_2 ; Prostanoid EP receptor; Concentration–effect curve, Biphasic; Two-receptor model; Sulprostone; (Human) (Popat, A. (416) 145)

 Ca^{2+} channel antagonist

Pulmonary hypertension; Pulmonary vascular remodelling; Angiotensin converting enzyme inhibitor (Jeffery, T.K. (416) 123)

 Ca^{2+} , intracellular

Nicorandil; ATP; Endothelial cell; Caudal artery, rat (Hashimoto, M. (416) 179)

 Ca^{2+} intracellular

β -Estradiol; Dehydroepiandrosterone; Dehydroepiandrosterone sulfate; Neurosteroid; GABA (γ -aminobutyric acid); Hippocampal neuron (Kurata, K. (416) 203)

cAMP

Dibutyl- γ -cAMP; Cholera toxin; Forskolin; Aminophylline; Nociception (Brito, G.A.C. (416) 223)

Cannabinoid

WIN 55212–2; SR141716A; Withdrawal, spontaneous; Withdrawal, precipitated; (Rat) (Aceto, M.D. (416) 75)

Carbamazepine

Bipolar disorder; Dopamine; Imipramine; Mania; Motor activity; Quinpirole (D'Aquila, P.S. (416) 107)

Caudal artery, rat

Nicorandil; ATP; Ca^{2+} , intracellular; Endothelial cell (Hashimoto, M. (416) 179)

CCK₂ receptor

Endomorphin; Cholecystokinin; Antinociception; Diabetes (Kamei, J. (416) 95)

C-fiber reflex

Clomipramine; Chronic pain; Monoarthritis; Analgesia; Paw pressure; (Rat) (Pelissier, T. (416) 51)

Channel inactivation

Phenol derivative; Skeletal muscle (Haeseler, G. (416) 11)

Cholecystokinin

Endomorphin; Antinociception; CCK₂ receptor; Diabetes (Kamei, J. (416) 95)

Cholera toxin

cAMP; Dibutyl- γ -cAMP; Forskolin; Aminophylline; Nociception (Brito, G.A.C. (416) 223)

Chondroitinase

Chondroitin sulfate; Dermatan; Metastasis; Proliferation; Apoptosis (Denholm, E.M. (416) 213)

Chondroitin sulfate

Dermatan; Chondroitinase; Metastasis; Proliferation; Apoptosis (Denholm, E.M. (416) 213)

Chronic pain

Clomipramine; Monoarthritis; Analgesia; Paw pressure; C-fiber reflex; (Rat) (Pelissier, T. (416) 51)

Clomipramine

Chronic pain; Monoarthritis; Analgesia; Paw pressure; C-fiber reflex; (Rat) (Pelissier, T. (416) 51)

 Cl^- secretion

Neuropeptide Y; Protein kinase C; K^+ conductance; Electrophysiology; Epithelia (Oprins, J.C.J. (416) 43)

Concentration–effect curve, Biphasic

Myometrium; Prostaglandin E_2 ; Prostanoid EP receptor; Two-receptor model; Sulprostone; Butaprost; (Human) (Popat, A. (416) 145)

Conformational changes, ligand induced

G-protein coupled receptor; Molecular dynamics; Receptor activation (Sylte, I. (416) 33)

Corticosteroid

Gemcitabine; Multidrug resistance; Deoxycytidine kinase activity; Thymidine kinase 2 activity; NSCLC (non-small cell lung cancer) (Bergman, A.M. (416) 19)

CPP32

Apoptosis; Bcl-2; Cytochrome c; Esculetin; Leukemia (Chu, C.-Y. (416) 25)

Cyclophosphamide

Nitric oxide (NO); Nitric oxide (NO) synthase, inducible; Bladder; Cystitis; Primary cell culture (Xu, X. (416) 1)

Cystitis

Cyclophosphamide; Nitric oxide (NO); Nitric oxide (NO) synthase, inducible; Bladder; Primary cell culture (Xu, X. (416) 1)

Cytochrome c

Apoptosis; Bcl-2; CPP32; Esculetin; Leukemia (Chu, C.-Y. (416) 25)

Dehydroepiandrosterone

β -Estradiol; Dehydroepiandrosterone sulfate; Neurosteroid; GABA (γ -aminobutyric acid); Ca^{2+} intracellular; Hippocampal neuron (Kurata, K. (416) 203)

Dehydroepiandrosterone sulfate

β -Estradiol; Dehydroepiandrosterone; Neurosteroid; GABA (γ -aminobutyric acid); Ca^{2+} intracellular; Hippocampal neuron (Kurata, K. (416) 203)

Deoxycytidine kinase activity

Gemcitabine; Multidrug resistance; Thymidine kinase 2 activity; Corticosteroid; NSCLC (non-small cell lung cancer) (Bergman, A.M. (416) 19)

Dermatan

Chondroitin sulfate; Chondroitinase; Metastasis; Proliferation; Apoptosis (Denholm, E.M. (416) 213)

Dermorphin

Opioid; Tetrapeptide; TAPS (Tyr-D-Arg²-Phe-Sar⁴); Receptor subtype; Antinociception (Vonhof, S. (416) 83)

Diabetes

Endomorphin; Cholecystokinin; Antinociception; CCK₂ receptor (Kamei, J. (416) 95)

Bradykinin B₁ receptor; Bradykinin B₂ receptor; Streptozotocin; Paw oedema (Rat); Insulin (Campos, M.M. (416) 169)

Dibutyl-AMP

cAMP; Cholera toxin; Forskolin; Aminophylline; Nociception (Brito, G.A.C. (416) 223)

Dopamine

N-acetylaspartate; Striatum; Microdialysis (Petrov, V.I. (416) 69)

Bipolar disorder; Carbamazepine; Imipramine; Mania; Motor activity; Quinpirole (D'Aquila, P.S. (416) 107)

Drug antagonism

Nasal mucosa vasculature; α_{1L} -Adrenoceptor subtype; JTH-601 (Hirai, T. (416) 141)

Duodenum, guinea pig

β -adrenoceptor, atypical; β_3 -Adrenoceptor; Stereoselectivity; β -Adrenoceptor alkylating; Structure–activity relationship (Horinouchi, T. (416) 153)

SR59230A; ($\pm$)-Bupranolol; β -Adrenoceptor, atypical; β_3 -Adrenoceptor; Gastric fundus, guinea pig (Horinouchi, T. (416) 165)

ECL cell

Bradykinin; Gastrin; Histamine; Interleukin-1 β ; PACAP (pituitary adenylate cyclase-activating peptide); Prostaglandin E₂; TNF- α (tumor necrosis factor- α) (Lindström, E. (416) 255)

Electrophysiology

Neuropeptide Y; Protein kinase C; Cl[−] secretion; K⁺ conductance; Epithelia (Oprins, J.C.J. (416) 43)

Endomorphin

Cholecystokinin; Antinociception; CCK₂ receptor; Diabetes (Kamei, J. (416) 95)

Endothelial cell

Nicorandil; ATP; Ca²⁺, intracellular; Caudal artery, rat (Hashimoto, M. (416) 179)

Endothelium

Vasopressin; Vasopressin V₁ receptor; Basilar artery, rat; Nifedipine (Katori, E. (416) 113)

Obesity; Troglitazone; Vascular dysfunction (Naderali, E.K. (416) 133)

Epithelia

Neuropeptide Y; Protein kinase C; Cl[−] secretion; K⁺ conductance; Electrophysiology (Oprins, J.C.J. (416) 43)

Esculetin

Apoptosis; Bcl-2; CPP32; Cytochrome c; Leukemia (Chu, C.-Y. (416) 25)

 β -Estradiol

Dehydroepiandrosterone; Dehydroepiandrosterone sulfate; Neurosteroid; GABA (γ -aminobutyric acid); Ca²⁺ intracellular; Hippocampal neuron (Kurata, K. (416) 203)

Feeding behavior

FGF (fibroblast growth factor); Locomotor activity; Intracerebroventricular injection; Osmotic pump (Hotta, M. (416) 101)

FGF (fibroblast growth factor)

Locomotor activity; Feeding behavior; Intracerebroventricular injection; Osmotic pump (Hotta, M. (416) 101)

Forskolin

cAMP; Dibutyl-AMP; Cholera toxin; Aminophylline; Nociception (Brito, G.A.C. (416) 223)

GABA (γ -aminobutyric acid)

β -Estradiol; Dehydroepiandrosterone; Dehydroepiandrosterone sulfate; Neurosteroid; Ca²⁺ intracellular; Hippocampal neuron (Kurata, K. (416) 203)

Gastric fundus, guinea pig

SR59230A; ($\pm$)-Bupranolol; β -Adrenoceptor, atypical; β_3 -Adrenoceptor; Duodenum, guinea pig (Horinouchi, T. (416) 165)

Gastrin

Bradykinin; ECL cell; Histamine; Interleukin-1 β ; PACAP (pituitary adenylate cyclase-activating peptide); Prostaglandin E₂; TNF- α (tumor necrosis factor- α) (Lindström, E. (416) 255)

Gemcitabine

Multidrug resistance; Deoxycytidine kinase activity; Thymidine kinase 2 activity; Corticosteroid; NSCLC (non-small cell lung cancer) (Bergman, A.M. (416) 19)

Glutamate

Stroke; Ifenprodil; Polyamine (Lynch, D.R. (416) 185)

G-protein coupled receptor

Molecular dynamics; Receptor activation; Conformational changes, ligand induced (Sylte, I. (416) 33)

GR 135531

Intraocular pressure; Melatonin; Melatonin MT₃ receptor; 5-MCA-MAT (5-methoxycarbonylamino-N-acetyltryptamine) (Pintor, J. (416) 251)

Hippocampal neuron

β -Estradiol; Dehydroepiandrosterone; Dehydroepiandrosterone sulfate; Neurosteroid; GABA (γ -aminobutyric acid); Ca²⁺ intracellular (Kurata, K. (416) 203)

Histamine

Bradykinin; ECL cell; Gastrin; Interleukin-1 β ; PACAP (pituitary adenylate cyclase-activating peptide); Prostaglandin E₂; TNF- α (tumor necrosis factor- α) (Lindström, E. (416) 255)

Hypothermia

Neurodegeneration; Antioxidant; Ischaemia; S33113 (Lockhart, B. (416) 59)

Ifenprodil

Glutamate; Stroke; Polyamine (Lynch, D.R. (416) 185)

Imipramine

Bipolar disorder; Carbamazepine; Dopamine; Mania; Motor activity; Quinpirole (D'Aquila, P.S. (416) 107)

Insulin

Bradykinin B₁ receptor; Bradykinin B₂ receptor; Streptozotocin; Diabetes; Paw oedema (Rat) (Campos, M.M. (416) 169)

Interleukin-1 β

Bradykinin; ECL cell; Gastrin; Histamine; PACAP (pituitary adenylate cyclase-activating peptide); Prostaglandin E₂; TNF- α (tumor necrosis factor- α) (Lindström, E. (416) 255)

Intracerebroventricular injection

FGF (fibroblast growth factor); Locomotor activity; Feeding behavior; Osmotic pump (Hotta, M. (416) 101)

Intraocular pressure

Melatonin; Melatonin MT₃ receptor; 5-MCA-MAT (5-methoxycarbonylamino-*N*-acetyltryptamine); GR 135531 (Pintor, J. (416) 251)

Ischaemia

Neurodegeneration; Antioxidant; Hypothermia; S33113 (Lockhart, B. (416) 59)

Isoprostane

Airway inflammation; Parasympathetic nerve; Asthma; Acetylcholine (Spicuzza, L. (416) 231)

JTH-601

Nasal mucosa vasculature; α_{1L} -Adrenoceptor subtype; Drug antagonism (Hirai, T. (416) 141)

K⁺ conductance

Neuropeptide Y; Protein kinase C; Cl⁻ secretion; Electrophysiology; Epithelia (Oprins, J.C.J. (416) 43)

Leukemia

Apoptosis; Bcl-2; CPP32; Cytochrome *c*; Esculetin (Chu, C.-Y. (416) 25)

Locomotor activity

FGF (fibroblast growth factor); Feeding behavior; Intracerebroventricular injection; Osmotic pump (Hotta, M. (416) 101)

Mania

Bipolar disorder; Carbamazepine; Dopamine; Imipramine; Motor activity; Quinpirole (D'Aquila, P.S. (416) 107)

5-MCA-MAT (5-methoxycarbonylamino-*N*-acetyltryptamine)

Intraocular pressure; Melatonin; Melatonin MT₃ receptor; GR 135531 (Pintor, J. (416) 251)

Melatonin

Intraocular pressure; Melatonin MT₃ receptor; 5-MCA-MAT (5-methoxycarbonylamino-*N*-acetyltryptamine); GR 135531 (Pintor, J. (416) 251)

Melatonin MT₃ receptor

Intraocular pressure; Melatonin; 5-MCA-MAT (5-methoxycarbonylamino-*N*-acetyltryptamine); GR 135531 (Pintor, J. (416) 251)

Metastasis

Chondroitin sulfate; Dermatan; Chondroitinase; Proliferation; Apoptosis (Denholm, E.M. (416) 213)

Microdialysis

N-acetylaspartate; Dopamine; Striatum (Petrov, V.I. (416) 69)

Molecular dynamics

G-protein coupled receptor; Receptor activation; Conformational changes, ligand induced (Sylte, I. (416) 33)

Monoarthritis

Clomipramine; Chronic pain; Analgesia; Paw pressure; C-fiber reflex; (Rat) (Pelissier, T. (416) 51)

Motor activity

Bipolar disorder; Carbamazepine; Dopamine; Imipramine; Mania; Quinpirole (D'Aquila, P.S. (416) 107)

Multidrug resistance

Gemcitabine; Deoxycytidine kinase activity; Thymidine kinase 2 activity; Corticosteroid; NSCLC (non-small cell lung cancer) (Bergman, A.M. (416) 19)

Muscarinic M₂ acetylcholine receptor

Allosteric; Otenzepad (Lanzafame, A. (416) 235)

Myometrium

Prostaglandin E₂; Prostanoid EP receptor; Concentration–effect curve, Biphasic; Two-receptor model; Sulprostone; Butaprost; (Human) (Popat, A. (416) 145)

***N*-acetylaspartate**

Dopamine; Striatum; Microdialysis (Petrov, V.I. (416) 69)

Nasal mucosa vasculature

α_{1L} -Adrenoceptor subtype; JTH-601; Drug antagonism (Hirai, T. (416) 141)

1321N1 astrocytoma cell line

P2Y₄ receptor; ATP; UTP; P2 receptor antagonist (Suarez-Huerta, N. (416) 197)

Neurodegeneration

Antioxidant; Hypothermia; Ischaemia; S33113 (Lockhart, B. (416) 59)

Neuropeptide Y

Protein kinase C; Cl⁻ secretion; K⁺ conductance; Electrophysiology; Epithelia (Oprins, J.C.J. (416) 43)

Neurosteroid

β -Estradiol; Dehydroepiandrosterone; Dehydroepiandrosterone sulfate; GABA (γ -aminobutyric acid); Ca²⁺ intracellular; Hippocampal neuron (Kurata, K. (416) 203)

Nicorandil

ATP; Ca²⁺, intracellular; Endothelial cell; Caudal artery, rat (Hashimoto, M. (416) 179)

Nifedipine

Vasopressin; Vasopressin V₁ receptor; Basilar artery, rat; Endothelium (Katori, E. (416) 113)

Nitric oxide (NO)

Cyclophosphamide; Nitric oxide (NO) synthase, inducible; Bladder; Cystitis; Primary cell culture (Xu, X. (416) 1)

Nitroglycerin; Tetrahydrobiopterin; N^G-monomethyl-L-arginine (L-NMMA); Nitric oxide (NO) synthase (Gruhn, N. (416) 245)

Nitric oxide (NO) synthase

Nitroglycerin; Tetrahydrobiopterin; N^G -monomethyl-L-arginine (L-NMMA); Nitric oxide (NO) (Gruhn, N. (416) 245)

Nitric oxide (NO) synthase, inducible

Cyclophosphamide; Nitric oxide (NO); Bladder; Cystitis; Primary cell culture (Xu, X. (416) 1)

Nitroglycerin

Tetrahydrobiopterin; N^G -monomethyl-L-arginine (L-NMMA); Nitric oxide (NO); Nitric oxide (NO) synthase (Gruhn, N. (416) 245)

 N^G -monomethyl-L-arginine (L-NMMA)

Nitroglycerin; Tetrahydrobiopterin; Nitric oxide (NO); Nitric oxide (NO) synthase (Gruhn, N. (416) 245)

Nociception

cAMP; Dibutyl-AMP; Cholera toxin; Forskolin; Aminophylline (Brito, G.A.C. (416) 223)

NSCLC (non-small cell lung cancer)

Gemcitabine; Multidrug resistance; Deoxycytidine kinase activity; Thymidine kinase 2 activity; Corticosteroid (Bergman, A.M. (416) 19)

Obesity

Troglitazone; Endothelium; Vascular dysfunction (Naderali, E.K. (416) 133)

Opioid

Dermorphin; Tetrapeptide; TAPS (Tyr-D-Arg²-Phe-Sar⁴); Receptor subtype; Antinociception (Vonhof, S. (416) 83)

Osmotic pump

FGF (fibroblast growth factor); Locomotor activity; Feeding behavior; Intracerebroventricular injection (Hotta, M. (416) 101)

Otenzepad

Allosteric; Muscarinic M₂ acetylcholine receptor (Lanzafame, A. (416) 235)

PACAP (pituitary adenylate cyclase-activating peptide)

Bradykinin; ECL cell; Gastrin; Histamine; Interleukin-1 β ; Prostaglandin E₂; TNF- α (tumor necrosis factor- α) (Lindström, E. (416) 255)

Parasympathetic nerve

Isoprostan; Airway inflammation; Asthma; Acetylcholine (Spicuzza, L. (416) 231)

Paw oedema (Rat)

Bradykinin B₁ receptor; Bradykinin B₂ receptor; Streptozotocin; Diabetes; Insulin (Campos, M.M. (416) 169)

Paw pressure

Clomipramine; Chronic pain; Monoarthritis; Analgesia; C-fiber reflex; (Rat) (Pelissier, T. (416) 51)

Phenol derivative

Channel inactivation; Skeletal muscle (Haeseler, G. (416) 11)

Polyamine

Glutamate; Stroke; Ifenprodil (Lynch, D.R. (416) 185)

P2 receptor antagonist

P2Y₄ receptor; ATP; UTP; 1321N1 astrocytoma cell line (Suarez-Huerta, N. (416) 197)

Primary cell culture

Cyclophosphamide; Nitric oxide (NO); Nitric oxide (NO) synthase, inducible; Bladder; Cystitis (Xu, X. (416) 1)

Proliferation

Chondroitin sulfate; Dermatan; Chondroitinase; Metastasis; Apoptosis (Denholm, E.M. (416) 213)

Prostaglandin E₂

Myometrium; Prostanoid EP receptor; Concentration–effect curve, Biphasic; Two-receptor model; Sulprostone; Butaprost; (Human) (Popat, A. (416) 145)

Bradykinin; ECL cell; Gastrin; Histamine; Interleukin-1 β ; PACAP (pituitary adenylate cyclase-activating peptide); TNF- α (tumor necrosis factor- α) (Lindström, E. (416) 255)

Prostanoid EP receptor

Myometrium; Prostaglandin E₂; Concentration–effect curve, Biphasic; Two-receptor model; Sulprostone; Butaprost; (Human) (Popat, A. (416) 145)

Protein kinase C

Neuropeptide Y; Cl[−] secretion; K⁺ conductance; Electrophysiology; Epithelia (Oprins, J.C.J. (416) 43)

Pulmonary hypertension

Pulmonary vascular remodelling; Ca²⁺ channel antagonist; Angiotensin converting enzyme inhibitor (Jeffery, T.K. (416) 123)

Pulmonary vascular remodelling

Pulmonary hypertension; Ca²⁺ channel antagonist; Angiotensin converting enzyme inhibitor (Jeffery, T.K. (416) 123)

P2Y₄ receptor

ATP; UTP; P2 receptor antagonist; 1321N1 astrocytoma cell line (Suarez-Huerta, N. (416) 197)

Quinpirole

Bipolar disorder; Carbamazepine; Dopamine; Imipramine; Mania; Motor activity (D'Aquila, P.S. (416) 107)

Receptor activation

G-protein coupled receptor; Molecular dynamics; Conformational changes, ligand induced (Sylte, I. (416) 33)

Receptor subtype

Dermorphin; Opioid; Tetrapeptide; TAPS (Tyr-D-Arg²-Phe-Sar⁴); Antinociception (Vonhof, S. (416) 83)

S33113

Neurodegeneration; Antioxidant; Hypothermia; Ischaemia (Lockhart, B. (416) 59)

Skeletal muscle

Phenol derivative; Channel inactivation (Haeseler, G. (416) 11)

SR141716A

WIN 55212–2; Cannabinoid; Withdrawal, spontaneous; Withdrawal, precipitated; (Rat) (Aceto, M.D. (416) 75)

SR59230A

($\pm$)-Bupranolol; β -Adrenoceptor, atypical; β_3 -Adrenoceptor; Gastric fundus, guinea pig; Duodenum, guinea pig (Horinouchi, T. (416) 165)

Stereoselectivity

β -adrenoceptor, atypical; β_3 -Adrenoceptor; Duodenum, guinea pig; β -Adrenoceptor alkylating; Structure–activity relationship (Horinouchi, T. (416) 153)

Streptozotocin

Bradykinin B_1 receptor; Bradykinin B_2 receptor; Diabetes; Paw oedema (Rat); Insulin (Campos, M.M. (416) 169)

Striatum

N-acetylaspartate; Dopamine; Microdialysis (Petrov, V.I. (416) 69)

Stroke

Glutamate; Ifenprodil; Polyamine (Lynch, D.R. (416) 185)

Structure–activity relationship

β -adrenoceptor, atypical; β_3 -Adrenoceptor; Duodenum, guinea pig; Stereoselectivity; β -Adrenoceptor alkylating (Horinouchi, T. (416) 153)

Sulprostone

Myometrium; Prostaglandin E_2 ; Prostanoid EP receptor; Concentration–effect curve, Biphasic; Two-receptor model; Butaprost; (Human) (Popat, A. (416) 145)

TAPS (Tyr-D-Arg²-Phe-Sar⁴)

Dermorphin; Opioid; Tetrapeptide; Receptor subtype; Antinociception (Vonhof, S. (416) 83)

Tetrahydrobiopterin

Nitroglycerin; *N*^G-monomethyl-L-arginine (L-NMMA); Nitric oxide (NO); Nitric oxide (NO) synthase (Gruhn, N. (416) 245)

Tetrapeptide

Dermorphin; Opioid; TAPS (Tyr-D-Arg²-Phe-Sar⁴); Receptor subtype; Antinociception (Vonhof, S. (416) 83)

Thymidine kinase 2 activity

Gemcitabine; Multidrug resistance; Deoxycytidine kinase activity; Corticosteroid; NSCLC (non-small cell lung cancer) (Bergman, A.M. (416) 19)

TNF- α (tumor necrosis factor- α)

Bradykinin; ECL cell; Gastrin; Histamine; Interleukin-1 β ; PACAP (pituitary adenylate cyclase-activating peptide); Prostaglandin E_2 (Lindström, E. (416) 255)

Troglitazone

Obesity; Endothelium; Vascular dysfunction (Naderali, E.K. (416) 133)

Two-receptor model

Myometrium; Prostaglandin E_2 ; Prostanoid EP receptor; Concentration–effect curve, Biphasic; Sulprostone; Butaprost; (Human) (Popat, A. (416) 145)

UTP

P2Y₄ receptor; ATP; P2 receptor antagonist; 1321N1 astrocytoma cell line (Suarez-Huerta, N. (416) 197)

Vascular dysfunction

Obesity; Troglitazone; Endothelium (Naderali, E.K. (416) 133)

Vasopressin

Vasopressin V_1 receptor; Basilar artery, rat; Endothelium; Nifedipine (Katori, E. (416) 113)

Vasopressin V_1 receptor

Vasopressin; Basilar artery, rat; Endothelium; Nifedipine (Katori, E. (416) 113)

WIN 55212–2

SR141716A; Cannabinoid; Withdrawal, spontaneous; Withdrawal, precipitated; (Rat) (Aceto, M.D. (416) 75)

Withdrawal, precipitated

WIN 55212–2; SR141716A; Cannabinoid; Withdrawal, spontaneous; (Rat) (Aceto, M.D. (416) 75)

Withdrawal, spontaneous

WIN 55212–2; SR141716A; Cannabinoid; Withdrawal, precipitated; (Rat) (Aceto, M.D. (416) 75)