

Keyword index

Adenylate cyclase

Dopamine receptor; Receptor fragment; COS-7 cell (Scarselli, M. (397) 291)

β_2 -Adrenoceptor

Salmeterol; Benzalkonium chloride; Mast cell; G-protein; Asthma (Seebeck, J. (397) 19)

β -Adrenoceptor

Age; Endothelium; Isoprenaline; Relaxation; K^+ channel (Van der Zyp, A. (397) 129)

β_2 -Adrenoceptor

Urinary incontinence; ATP-sensitive K^+ channel; Detrusor muscle; Clenbuterol (Hudman, D. (397) 169)

Adrenomedullin

Amylin; Calcitonin gene-related peptide (CGRP); Calcitonin receptor-like receptor; Myocardial contraction; Receptor associated modifying protein (RAMP) (Saetrum Opgaard, O. (397) 373)

Age

β -Adrenoceptor; Endothelium; Isoprenaline; Relaxation; K^+ channel (Van der Zyp, A. (397) 129)

Agonist binding

mGlu₁ receptor, Arg⁷⁸; Glutamic acid; Quisqualic acid; Mutagenesis (Jensen, A.A. (397) 247)

Air pouch, mouse

Ditrazines; Nitric oxide (NO); Eicosanoid; Macrophage; Neutrophil; Carrageenan paw oedema (Rioja, I. (397) 207)

Airway eosinophil infiltration

Glaucine; Phosphodiesterase 4 inhibitor; Sensitized, guinea pig; Airway hyperreactivity; Airway microvascular leakage (Pons, R. (397) 187)

Airway hyperreactivity

Glaucine; Phosphodiesterase 4 inhibitor; Sensitized, guinea pig; Airway eosinophil infiltration; Airway microvascular leakage (Pons, R. (397) 187)

Airway microvascular leakage

Glaucine; Phosphodiesterase 4 inhibitor; Sensitized, guinea pig; Airway hyperreactivity; Airway eosinophil infiltration (Pons, R. (397) 187)

Alcohol consumption

Neutral endopeptidase; Enkephalinase; Enkephalin; Knockout mouse; Angiotensin-converting enzyme; Enkephalin-degrading peptidases; Opioid (Siems, W.-E. (397) 327)

AMP579

Coronary artery endothelium; Neutrophil degranulation; Neutrophil adherence; Superoxide anion (Nakamura, M. (397) 197)

AMPA receptor

Purkinje cell; GYKI 53784; Aniracetam; Cyclothiazide; 1-BCP; BDP-12 (Kapus, G. (397) 43)

Amphibian

[³H]Naloxone; Antinociception; Opioid receptor (Newman, L.C. (397) 255)

Amylin

Adrenomedullin; Calcitonin gene-related peptide (CGRP); Calcitonin receptor-like receptor; Myocardial contraction; Receptor associated modifying protein (RAMP) (Saetrum Opgaard, O. (397) 373)

Angiotensin-converting enzyme

Neutral endopeptidase; Enkephalinase; Enkephalin; Knockout mouse; Alcohol consumption; Enkephalin-degrading peptidases; Opioid (Siems, W.-E. (397) 327)

Angiotensin-converting enzyme inhibitor

Trandolapril; Cholesterol-fed, rabbit; Aorta; Coronary artery; Mesenteric, 5th branch (Sanz, M. (397) 359)

1,5-Anhydro-D-fructose

Insulin secretion; Glucose elimination; Glucagon-like peptide-1; (Mouse) (Ahrén, B. (397) 219)

Aniracetam

AMPA receptor; Purkinje cell; GYKI 53784; Cyclothiazide; 1-BCP; BDP-12 (Kapus, G. (397) 43)

Antidepressant

Sibutramine; Desmethyisibutramine; Didemethyisibutramine; Food intake; Obesity; Locomotor activity (Glick, S.D. (397) 93)

Antinociception

Amphibian; [³H]Naloxone; Opioid receptor (Newman, L.C. (397) 255)

Cannabinoid; Intrahecal; Intraventricular; Structure–activity relationship; Tetrahydrocannabinol (Wiley, J.L. (397) 319)

Aorta

Trandolapril; Angiotensin-converting enzyme inhibitor; Cholesterol-fed, rabbit; Coronary artery; Mesenteric, 5th branch (Sanz, M. (397) 359)

Apoptosis

Non-steroidal anti-inflammatory drug (NSAID); Ulcer; Colon cancer; Pentose phosphate pathway (Porter, S.N. (397) 1)

NOR3; Nitric oxide (NO); Nitric oxide (NO) donor; DAF-2 (4,5-diaminofluorescein); Ascorbic acid (Yamamoto, T. (397) 25)

Arrhythmias

K_{ATP} channel; Hypertension; Myocardial ischemia; Reperfusion (Lee, Y.-M. (397) 151)

Ascorbic acid

Apoptosis; NOR3; Nitric oxide (NO); Nitric oxide (NO) donor; DAF-2 (4,5-diaminofluorescein) (Yamamoto, T. (397) 25)

Aspirin

Dipyridamole; Nitric oxide (NO); Platelet; Polymorphonuclear leukocyte (De La Cruz, J.P. (397) 35)

Asthma

Salmeterol; Benzalkonium chloride; Mast cell; G-protein; β_2 -Adrenoceptor (Seebeck, J. (397) 19)

ATP

Ecto-nucleotidase; Dipyridamole; Ecto-ATPase; Superior cervical ganglion, rat; UTP (Connolly, G.P. (397) 271)

ATP-sensitive K^+ channel

Urinary incontinence; β_2 -Adrenoceptor; Detrusor muscle; Clenbuterol (Hudman, D. (397) 169)

Barbiturate

Movement disorder; Dystonia; Paroxysmal choreoathetosis; GABA (γ -aminobutyric acid) (Richter, A. (397) 343)

1-BCP

AMPA receptor; Purkinje cell; GYKI 53784; Aniracetam; Cyclothiazide; BDP-12 (Kapus, G. (397) 43)

BDP-12

AMPA receptor; Purkinje cell; GYKI 53784; Aniracetam; Cyclothiazide; 1-BCP (Kapus, G. (397) 43)

Benzalkonium chloride

Salmeterol; Mast cell; G-protein; β_2 -Adrenoceptor; Asthma (Seebeck, J. (397) 19)

Binding

Cholecystokinin; SR146131; $[Ca^{2+}]_i$; Phosphoinositide turnover; (Human) (Schaeffer, P. (397) 303)

Blood flow

Nerve conduction; K^+ channel opener; Na^+ , K^+ ATPase; Oxidative stress; Glutathione; Neuropathy; Diabetic rat (Hohman, T.C. (397) 335)

Blood pressure

Opiate; Dependence, acute; Gender difference; Cardiovascular system; Heart rate; Rat, spinal (Cruz, S.L. (397) 121)

Cocaine; Potentiation; Noradrenaline; Contractility; Chlorisondamine (Sabra, R. (397) 139)

Endothelin-1; Bradykinin; Enalapril; Losartan; (Rat) (Tanus-Santos, J.E. (397) 367)

BQ-788

Endothelin ET_A receptor; Endothelin ET_B receptor; Splanchnic nerve stimulation; FR139317 (Hosokawa, A. (397) 55)

Bradykinin

Blood pressure; Endothelin-1; Enalapril; Losartan; (Rat) (Tanus-Santos, J.E. (397) 367)

Bradykinin B_1 receptor

Bradykinin B_2 receptor; Regulation; $[^3H]$ des-Arg¹⁰-kallidin; $[^3H]$ Bradykinin; WI-38 cell; Cytokine (Phagoo, S.B. (397) 237)

Bradykinin B_2 receptor

Bradykinin B_1 receptor; Regulation; $[^3H]$ des-Arg¹⁰-kallidin; $[^3H]$ Bradykinin; WI-38 cell; Cytokine (Phagoo, S.B. (397) 237)

 $[Ca^{2+}]_i$

Cholecystokinin; SR146131; Phosphoinositide turnover; Binding; (Human) (Schaeffer, P. (397) 303)

 Ca^{2+} channel blocker

Respiration; Opioid; Rhesus monkey (Kishioka, S. (397) 85)

Calcitonin gene-related peptide (CGRP)

Amylin; Adrenomedullin; Calcitonin receptor-like receptor; Myocardial contraction; Receptor associated modifying protein (RAMP) (Saetrum Opgaard, O. (397) 373)

Calcitonin receptor-like receptor

Amylin; Adrenomedullin; Calcitonin gene-related peptide (CGRP); Myocardial contraction; Receptor associated modifying protein (RAMP) (Saetrum Opgaard, O. (397) 373)

Calmodulin antagonist

Mechanosensitive channel; Stretch receptor; Voltage clamp (Lin, J.-H. (397) 11)

Cannabinoid

Antinociception; Intrahecal; Intraventricular; Structure–activity relationship; Tetrahydrocannabinol (Wiley, J.L. (397) 319)

Carbachol

Mesenteric artery, rat; Endothelium; Levromakalim; Hyperpolarisation; 18 α -Glycyrrhetic acid (White, R. (397) 279)

Cardiovascular system

Opiate; Dependence, acute; Gender difference; Blood pressure; Heart rate; Rat, spinal (Cruz, S.L. (397) 121)

Carrageenan paw oedema

Ditiazines; Nitric oxide (NO); Eicosanoid; Macrophage; Neutrophil; Air pouch, mouse (Rioja, I. (397) 207)

Catecholaminergic activity

Morphine withdrawal; Ventricle, right; Yohimbine; Prazosin (Milanés, M.V. (397) 311)

Cerebral ischemia

γ -Hydroxybutyrate; Hippocampus; Immunocytochemistry; Sensory–motor test; Spatial learning (Vergoni, A.V. (397) 75)

C6 glioma cell

Zolmitriptan; 5-HT_{1B} receptor, human; K^+ channel, Ca^{2+} -dependent (Le Grand, B. (397) 297)

Chlorisondamine

Cocaine; Potentiation; Noradrenaline; Blood pressure; Contractility (Sabra, R. (397) 139)

Cholecystokinin

SR146131; $[Ca^{2+}]_i$; Phosphoinositide turnover; Binding; (Human) (Schaeffer, P. (397) 303)

Cholesterol-fed, rabbit

Trandolapril; Angiotensin-converting enzyme inhibitor; Aorta; Coronary artery; Mesenteric, 5th branch (Sanz, M. (397) 359)

Chronic treatment

5-HT (5-hydroxytryptamine, serotonin); Microdialysis; (Rat) (Cremers, T.I.F.H. (397) 351)

Citalopram

Microdialysis; 5-Hydroxytryptamine, serotonin (5-HT); Hippocampus, ventral; 5-Hydroxytryptamine, serotonin (5-HT) reuptake inhibitor, selective (Cremers, T.I.F.H. (397) 63)

Clenbuterol

Urinary incontinence; β_2 -Adrenoceptor; ATP-sensitive K^+ channel; Detrusor muscle (Hudman, D. (397) 169)

Cocaine

Potentiation; Noradrenaline; Blood pressure; Contractility; Chlorisondamine (Sabra, R. (397) 139)

Collagen

Heart failure; Hypertrophy; Moxonidine; Sympathetic activation; (Rat) (Van Kerckhoven, R. (397) 113)

Colon cancer

Non-steroidal anti-inflammatory drug (NSAID); Apoptosis; Ulcer; Pentose phosphate pathway (Porter, S.N. (397) 1)

Contractility

Cocaine; Potentiation; Noradrenaline; Blood pressure; Chlorisondamine (Sabra, R. (397) 139)

Coronary artery

Trandolapril; Angiotensin-converting enzyme inhibitor; Cholesterol-fed, rabbit; Aorta; Mesenteric, 5th branch (Sanz, M. (397) 359)

Coronary artery endothelium

AMP579; Neutrophil degranulation; Neutrophil adherence; Superoxide anion (Nakamura, M. (397) 197)

COS-7 cell

Dopamine receptor; Receptor fragment; Adenylate cyclase (Scarselli, M. (397) 291)

Cyclothiazide

AMPA receptor; Purkinje cell; GYKI 53784; Aniracetam; 1-BCP; BDP-12 (Kapus, G. (397) 43)

Cytokine

Bradykinin B_1 receptor; Bradykinin B_2 receptor; Regulation; [3H]des-Arg 10 -kallidin; [3H]Bradykinin; WI-38 cell (Phagoo, S.B. (397) 237)

DAF-2 (4,5-diaminofluorescein)

Apoptosis; NOR3; Nitric oxide (NO); Nitric oxide (NO) donor; Ascorbic acid (Yamamoto, T. (397) 25)

Dependence, acute

Opiate; Gender difference; Cardiovascular system; Blood pressure; Heart rate; Rat, spinal (Cruz, S.L. (397) 121)

Desmethylsibutramine

Sibutramine; Didemethylsibutramine; Food intake; Obesity; Locomotor activity; Antidepressant (Glick, S.D. (397) 93)

Detrusor muscle

Urinary incontinence; β_2 -Adrenoceptor; ATP-sensitive K^+ channel; Clenbuterol (Hudman, D. (397) 169)

Diabetic rat

Nerve conduction; Blood flow; K^+ channel opener; Na^+ , K^+ ATPase; Oxidative stress; Glutathione; Neuropathy (Hohman, T.C. (397) 335)

Didemethylsibutramine

Sibutramine; Desmethylsibutramine; Food intake; Obesity; Locomotor activity; Antidepressant (Glick, S.D. (397) 93)

Dipyridamole

Aspirin; Nitric oxide (NO); Platelet; Polymorphonuclear leukocyte (De La Cruz, J.P. (397) 35)

ATP; Ecto-nucleotidase; Ecto-ATPase; Superior cervical ganglion, rat; UTP (Connolly, G.P. (397) 271)

Disinhibition

Nicotinic acetylcholine receptor; Sensitization; Locomotor activity; Plus-maze; (Rat) (Ericson, M. (397) 103)

Diuriazines

Nitric oxide (NO); Eicosanoid; Macrophage; Neutrophil; Air pouch, mouse; Carrageenan paw oedema (Rioja, I. (397) 207)

Dopamine receptor

Receptor fragment; COS-7 cell; Adenylate cyclase (Scarselli, M. (397) 291)

Dystonia

Movement disorder; Paroxysmal choreoathetosis; Barbiturate; GABA (γ -aminobutyric acid) (Richter, A. (397) 343)

Ecto-ATPase

ATP; Ecto-nucleotidase; Dipyridamole; Superior cervical ganglion, rat; UTP (Connolly, G.P. (397) 271)

Ecto-nucleotidase

ATP; Dipyridamole; Ecto-ATPase; Superior cervical ganglion, rat; UTP (Connolly, G.P. (397) 271)

Eicosanoid

Diuriazines; Nitric oxide (NO); Macrophage; Neutrophil; Air pouch, mouse; Carrageenan paw oedema (Rioja, I. (397) 207)

Enalapril

Blood pressure; Endothelin-1; Bradykinin; Losartan; (Rat) (Tanus-Santos, J.E. (397) 367)

Endothelial factor

Hemostasis; Nitric oxide (NO); Platelet; Thrombosis (Momi, S. (397) 177)

Endothelin-1

Blood pressure; Bradykinin; Enalapril; Losartan; (Rat) (Tanus-Santos, J.E. (397) 367)

Endothelin ET_A receptor

Endothelin ET_B receptor; Splanchnic nerve stimulation; FR139317; BQ-788 (Hosokawa, A. (397) 55)

Endothelin ET_B receptor

Endothelin ET_A receptor; Splanchnic nerve stimulation; FR139317; BQ-788 (Hosokawa, A. (397) 55)

Endothelium

β -Adrenoceptor; Age; Isoprenaline; Relaxation; K^+ channel (Van der Zyp, A. (397) 129)

Mesenteric artery, rat; Levromakalim; Hyperpolarisation; 18 α -Glycyrrhetic acid; Carbachol (White, R. (397) 279)

Enkephalin

Neutral endopeptidase; Enkephalinase; Knockout mouse; Alcohol consumption; Angiotensin-converting enzyme; Enkephalin-degrading peptidases; Opioid (Siems, W.-E. (397) 327)

Enkephalinase

Neutral endopeptidase; Enkephalin; Knockout mouse; Alcohol consumption; Angiotensin-converting enzyme; Enkephalin-degrading peptidases; Opioid (Siems, W.-E. (397) 327)

Enkephalin-degrading peptidases

Neutral endopeptidase; Enkephalinase; Enkephalin; Knockout mouse; Alcohol consumption; Angiotensin-converting enzyme; Opioid (Siems, W.-E. (397) 327)

Enteric nervous system

Submucous plexus; Small intestine; Synaptic transmission, inhibitory; Norepinephrine; Somatostatin (Liu, S. (397) 49)

Food intake

Sibutramine; Desmethylsibutramine; Didemethylsibutramine; Obesity; Locomotor activity; Antidepressant (Glick, S.D. (397) 93)

FR139317

Endothelin ET_A receptor; Endothelin ET_B receptor; Splanchnic nerve stimulation; BQ-788 (Hosokawa, A. (397) 55)

GABA (γ -aminobutyric acid)

Movement disorder; Dystonia; Paroxysmal choreoathetosis; Barbiturate (Richter, A. (397) 343)

Gastric fundus, Pig

Nitric oxide (NO); VIP (vasoactive intestinal polypeptide) (Dick, J.M.C. (397) 389)

Gender difference

Opiate; Dependence, acute; Cardiovascular system; Blood pressure; Heart rate; Rat, spinal (Cruz, S.L. (397) 121)

Glaucine

Phosphodiesterase 4 inhibitor; Sensitized, guinea pig; Airway hyperactivity; Airway eosinophil infiltration; Airway microvascular leakage (Pons, R. (397) 187)

Glucagon-like peptide-1

Insulin secretion; Glucose elimination; 1,5-Anhydro-D-fructose; (Mouse) (Åhrén, B. (397) 219)

Glucose elimination

Insulin secretion; 1,5-Anhydro-D-fructose; Glucagon-like peptide-1; (Mouse) (Åhrén, B. (397) 219)

Glutamate

Metabotropic receptor; Mouse (Spooren, W.P.J.M. (397) R1)

Glutamic acid

mGlu₁ receptor, Arg⁷⁸; Agonist binding; Quisqualic acid; Mutagenesis (Jensen, A.A. (397) 247)

Glutathione

Nerve conduction; Blood flow; K⁺ channel opener; Na⁺, K⁺ ATPase; Oxidative stress; Neuropathy; Diabetic rat (Hohman, T.C. (397) 335)

18 α -Glycyrrhetic acid

Mesenteric artery, rat; Endothelium; Levromakalim; Hyperpolarisation; Carbachol (White, R. (397) 279)

G-protein

Salmeterol; Benzalkonium chloride; Mast cell; β_2 -Adrenoceptor; Asthma (Seebeck, J. (397) 19)

G protein

Pancaeastatin receptor; Signaling; Phospholipase C; MAPK; HTC cell; Insulin resistance (Sánchez-Margalet, V. (397) 229)

G-protein coupled receptor

RNA-mediated interference; *npr-1* (Gomes, A.V. (397) R3)

GYKI 53784

AMPA receptor; Purkinje cell; Aniracetam; Cyclothiazide; 1-BCP; BDP-12 (Kapus, G. (397) 43)

[³H]Bradykinin

Bradykinin B₁ receptor; Bradykinin B₂ receptor; Regulation; [³H]des-Arg¹⁰-kallidin; WI-38 cell; Cytokine (Phagoo, S.B. (397) 237)

[³H]des-Arg¹⁰-kallidin

Bradykinin B₁ receptor; Bradykinin B₂ receptor; Regulation; [³H]Bradykinin; WI-38 cell; Cytokine (Phagoo, S.B. (397) 237)

Heart failure

Collagen; Hypertrophy; Moxonidine; Sympathetic activation; (Rat) (Van Kerckhoven, R. (397) 113)

Heart rate

Opiate; Dependence, acute; Gender difference; Cardiovascular system; Blood pressure; Rat, spinal (Cruz, S.L. (397) 121)

Hemostasis

Endothelial factor; Nitric oxide (NO); Platelet; Thrombosis (Momi, S. (397) 177)

Hippocampus

γ -Hydroxybutyrate; Cerebral ischemia; Immunocytochemistry; Sensory-motor test; Spatial learning (Vergoni, A.V. (397) 75)

Hippocampus, ventral

Microdialysis; 5-Hydroxytryptamine, serotonin (5-HT); Citalopram; 5-Hydroxytryptamine, serotonin (5-HT) reuptake inhibitor, selective (Cremers, T.I.F.H. (397) 63)

[³H]Naloxone

Amphibian; Antinociception; Opioid receptor (Newman, L.C. (397) 255)

HTC cell

Pancaeastatin receptor; Signaling; G protein; Phospholipase C; MAPK; Insulin resistance (Sánchez-Margalet, V. (397) 229)

5-HT (5-hydroxytryptamine, serotonin)

Chronic treatment; Microdialysis; (Rat) (Cremers, T.I.F.H. (397) 351)

5-HT_{1B} receptor, human

Zolmitriptan; K⁺ channel, Ca²⁺-dependent; C6 glioma cell (Le Grand, B. (397) 297)

γ -Hydroxybutyrate

Cerebral ischemia; Hippocampus; Immunocytochemistry; Sensory-motor test; Spatial learning (Vergoni, A.V. (397) 75)

5-Hydroxytryptamine, serotonin (5-HT) reuptake inhibitor, selective
Microdialysis; 5-Hydroxytryptamine, serotonin (5-HT); Citalopram; Hippocampus, ventral (Cremers, T.I.F.H. (397) 63)

5-Hydroxytryptamine, serotonin (5-HT)

Microdialysis; Citalopram; Hippocampus, ventral; 5-Hydroxytryptamine, serotonin (5-HT) reuptake inhibitor, selective (Cremers, T.I.F.H. (397) 63)

Hyperpolarisation

Mesenteric artery, rat; Endothelium; Levromakalim; 18α -Glycyrrhetic acid; Carbachol (White, R. (397) 279)

Hypertension

K_{ATP} channel; Arrhythmias; Myocardial ischemia; Reperfusion (Lee, Y.-M. (397) 151)

Hypertrophy

Collagen; Heart failure; Moxonidine; Sympathetic activation; (Rat) (Van Kerckhoven, R. (397) 113)

Ileum, rabbit

Nociceptin; $[Nphe^1]$ nociceptin-(1–13) NH_2 ; OP_4 receptor (Pheng, L.-H. (397) 383)

Immunochemistry

γ -Hydroxybutyrate; Cerebral ischemia; Hippocampus; Sensory–motor test; Spatial learning (Vergoni, A.V. (397) 75)

Insulin resistance

Pancreastatin receptor; Signaling; G protein; Phospholipase C; MAPK; HTC cell (Sánchez-Margalet, V. (397) 229)

Insulin secretion

Glucose elimination; 1,5-Anhydro-D-fructose; Glucagon-like peptide-1; (Mouse) (Ahrén, B. (397) 219)

Intrahecal

Antinociception; Cannabinoid; Intraventricular; Structure–activity relationship; Tetrahydrocannabinol (Wiley, J.L. (397) 319)

Intraventricular

Antinociception; Cannabinoid; Intrahecal; Structure–activity relationship; Tetrahydrocannabinol (Wiley, J.L. (397) 319)

Isoprenaline

β -Adrenoceptor; Age; Endothelium; Relaxation; K^+ channel (Van der Zyp, A. (397) 129)

Isoprostone

Oxidative stress; Mammary artery; Vasoconstriction (Cracowski, J.-L. (397) 161)

K^+ channel

β -Adrenoceptor; Age; Endothelium; Isoprenaline; Relaxation (Van der Zyp, A. (397) 129)

K_{ATP} channel

Hypertension; Arrhythmias; Myocardial ischemia; Reperfusion (Lee, Y.-M. (397) 151)

K^+ channel, Ca^{2+} -dependent

Zolmitriptan; 5-HT_{1B} receptor, human; C6 glioma cell (Le Grand, B. (397) 297)

K^+ channel opener

Nerve conduction; Blood flow; Na^+ , K^+ ATPase; Oxidative stress; Glutathione; Neuropathy; Diabetic rat (Hohman, T.C. (397) 335)

Knockout mouse

Neutral endopeptidase; Enkephalinase; Enkephalin; Alcohol consumption; Angiotensin-converting enzyme; Enkephalin-degrading peptidases; Opioid (Siems, W.-E. (397) 327)

Levcromakalim

Mesenteric artery, rat; Endothelium; Hyperpolarisation; 18α -Glycyrrhetic acid; Carbachol (White, R. (397) 279)

Locomotor activity

Sibutramine; Desmethylsibutramine; Didemethylsibutramine; Food intake; Obesity; Antidepressant (Glick, S.D. (397) 93)

Nicotinic acetylcholine receptor; Sensitization; Disinhibition; Plus-maze; (Rat) (Ericson, M. (397) 103)

Losartan

Blood pressure; Endothelin-1; Bradykinin; Enalapril; (Rat) (Tanus-Santos, J.E. (397) 367)

Macrophage

Ditiazines; Nitric oxide (NO); Eicosanoid; Neutrophil; Air pouch, mouse; Carrageenan paw oedema (Rioja, I. (397) 207)

Mammary artery

Isoprostone; Oxidative stress; Vasoconstriction (Cracowski, J.-L. (397) 161)

MAPK

Pancreastatin receptor; Signaling; G protein; Phospholipase C; HTC cell; Insulin resistance (Sánchez-Margalet, V. (397) 229)

Mast cell

Salmeterol; Benzalkonium chloride; G-protein; β_2 -Adrenoceptor; Asthma (Seebeck, J. (397) 19)

Mechanosensitive channel

Calmodulin antagonist; Stretch receptor; Voltage clamp (Lin, J.-H. (397) 11)

Mesenteric artery, rat

Endothelium; Levromakalim; Hyperpolarisation; 18α -Glycyrrhetic acid; Carbachol (White, R. (397) 279)

Mesenteric, 5th branch

Trandolapril; Angiotensin-converting enzyme inhibitor; Cholesterol-fed, rabbit; Aorta; Coronary artery (Sanz, M. (397) 359)

Metabotropic receptor

Glutamate; Mouse (Spooren, W.P.J.M. (397) R1)

mGlu₁ receptor, Arg⁷⁸

Agonist binding; Glutamic acid; Quisqualic acid; Mutagenesis (Jensen, A.A. (397) 247)

Microdialysis

5-Hydroxytryptamine, serotonin (5-HT); Citalopram; Hippocampus, ventral; 5-Hydroxytryptamine, serotonin (5-HT) reuptake inhibitor, selective (Cremers, T.I.F.H. (397) 63)

Chronic treatment; 5-HT (5-hydroxytryptamine, serotonin); (Rat) (Cremers, T.I.F.H. (397) 351)

MK-801

NMDA receptor; Receptor occupancy, in vivo; NR2B subunit; Radioligand binding (Murray, F. (397) 263)

Morphine withdrawal

Ventricle, right; Catecholaminergic activity; Yohimbine; Prazosin (Milanés, M.V. (397) 311)

Mouse

Glutamate; Metabotropic receptor (Spooren, W.P.J.M. (397) R1)

Movement disorder

Dystonia; Paroxysmal choreoathetosis; Barbiturate; GABA (γ -aminobutyric acid) (Richter, A. (397) 343)

Moxonidine

Collagen; Heart failure; Hypertrophy; Sympathetic activation; (Rat) (Van Kerckhoven, R. (397) 113)

Mutagenesis

mGlu₁ receptor, Arg⁷⁸; Agonist binding; Glutamic acid; Quisqualic acid (Jensen, A.A. (397) 247)

Myocardial contraction

Amylin; Adrenomedullin; Calcitonin gene-related peptide (CGRP); Calcitonin receptor-like receptor; Receptor associated modifying protein (RAMP) (Saetrum Opgaard, O. (397) 373)

Myocardial ischemia

K_{ATP} channel; Hypertension; Arrhythmias; Reperfusion (Lee, Y.-M. (397) 151)

Na⁺, K⁺ ATPase

Nerve conduction; Blood flow; K⁺ channel opener; Oxidative stress; Glutathione; Neuropathy; Diabetic rat (Hohman, T.C. (397) 335)

Nerve conduction

Blood flow; K⁺ channel opener; Na⁺, K⁺ ATPase; Oxidative stress; Glutathione; Neuropathy; Diabetic rat (Hohman, T.C. (397) 335)

Neuropathy

Nerve conduction; Blood flow; K⁺ channel opener; Na⁺, K⁺ ATPase; Oxidative stress; Glutathione; Diabetic rat (Hohman, T.C. (397) 335)

Neutral endopeptidase

Enkephalinase; Enkephalin; Knockout mouse; Alcohol consumption; Angiotensin-converting enzyme; Enkephalin-degrading peptidases; Opioid (Siems, W.-E. (397) 327)

Neutrophil

Ditriazines; Nitric oxide (NO); Eicosanoid; Macrophage; Air pouch, mouse; Carrageenan paw oedema (Rioja, I. (397) 207)

Neutrophil adherence

AMP579; Coronary artery endothelium; Neutrophil degranulation; Super-oxide anion (Nakamura, M. (397) 197)

Neutrophil degranulation

AMP579; Coronary artery endothelium; Neutrophil adherence; Superoxide anion (Nakamura, M. (397) 197)

Nicotinic acetylcholine receptor

Sensitization; Disinhibition; Locomotor activity; Plus-maze; (Rat) (Ericson, M. (397) 103)

Nitric oxide (NO)

Apoptosis; NOR3; Nitric oxide (NO) donor; DAF-2 (4,5-diaminofluorescein); Ascorbic acid (Yamamoto, T. (397) 25)

Aspirin; Dipyridamole; Platelet; Polymorphonuclear leukocyte (De La Cruz, J.P. (397) 35)

Endothelial factor; Hemostasis; Platelet; Thrombosis (Momi, S. (397) 177)

Ditriazines; Eicosanoid; Macrophage; Neutrophil; Air pouch, mouse; Carrageenan paw oedema (Rioja, I. (397) 207)

VIP (vasoactive intestinal polypeptide); Gastric fundus, Pig (Dick, J.M.C. (397) 389)

Nitric oxide (NO) donor

Apoptosis; NOR3; Nitric oxide (NO); DAF-2 (4,5-diaminofluorescein); Ascorbic acid (Yamamoto, T. (397) 25)

NMDA receptor

Receptor occupancy, in vivo; NR2B subunit; MK-801; Radioligand binding (Murray, F. (397) 263)

Nociceptin

[Nphe¹]nociceptin-(1–13)NH₂; OP₄ receptor; Ileum, rabbit (Pheng, L.-H. (397) 383)

Non-steroidal anti-inflammatory drug (NSAID)

Apoptosis; Ulcer; Colon cancer; Pentose phosphate pathway (Porter, S.N. (397) 1)

NOR3

Apoptosis; Nitric oxide (NO); Nitric oxide (NO) donor; DAF-2 (4,5-diaminofluorescein); Ascorbic acid (Yamamoto, T. (397) 25)

Noradrenaline

Cocaine; Potentiation; Blood pressure; Contractility; Chlorisondamine (Sabra, R. (397) 139)

Norepinephrine

Enteric nervous system; Submucous plexus; Small intestine; Synaptic transmission, inhibitory; Somatostatin (Liu, S. (397) 49)

[Nphe¹]nociceptin-(1–13)NH₂

Nociceptin; OP₄ receptor; Ileum, rabbit (Pheng, L.-H. (397) 383)

npr-1

G-protein coupled receptor; RNA-mediated interference (Gomes, A.V. (397) R3)

NR2B subunit

NMDA receptor; Receptor occupancy, in vivo; MK-801; Radioligand binding (Murray, F. (397) 263)

Obesity

Sibutramine; Desmethylsibutramine; Didemethylsibutramine; Food intake; Locomotor activity; Antidepressant (Glick, S.D. (397) 93)

Opiate

Dependence, acute; Gender difference; Cardiovascular system; Blood pressure; Heart rate; Rat, spinal (Cruz, S.L. (397) 121)

Opioid

Respiration; Ca²⁺ channel blocker; Rhesus monkey (Kishioka, S. (397) 85)

Neutral endopeptidase; Enkephalinase; Enkephalin; Knockout mouse; Alcohol consumption; Angiotensin-converting enzyme; Enkephalin-degrading peptidases (Siems, W.-E. (397) 327)

Opioid receptor

Amphibian; [^3H]Naloxone; Antinociception (Newman, L.C. (397) 255)

OP₁ receptor

Nociceptin; [Nphe¹]nociceptin-(1–13)NH₂; Ileum, rabbit (Pheng, L.-H. (397) 383)

Oxidative stress

Isoprostane; Mammary artery; Vasoconstriction (Cracowski, J.-L. (397) 161)

Nerve conduction; Blood flow; K⁺ channel opener; Na⁺, K⁺ ATPase; Glutathione; Neuropathy; Diabetic rat (Hohman, T.C. (397) 335)

Pancaeastatin receptor

Signaling; G protein; Phospholipase C; MAPK; HTC cell; Insulin resistance (Sánchez-Margalet, V. (397) 229)

Paroxysmal choreoathetosis

Movement disorder; Dystonia; Barbiturate; GABA (γ -aminobutyric acid) (Richter, A. (397) 343)

Pentose phosphate pathway

Non-steroidal anti-inflammatory drug (NSAID); Apoptosis; Ulcer; Colon cancer (Porter, S.N. (397) 1)

Phosphodiesterase 4 inhibitor

Glaucine; Sensitized, guinea pig; Airway hyperreactivity; Airway eosinophil infiltration; Airway microvascular leakage (Pons, R. (397) 187)

Phosphoinositide turnover

Cholecystokinin; SR146131; [Ca²⁺]; Binding; (Human) (Schaeffer, P. (397) 303)

Phospholipase C

Pancaeastatin receptor; Signaling; G protein; MAPK; HTC cell; Insulin resistance (Sánchez-Margalet, V. (397) 229)

Platelet

Aspirin; Dipyridamole; Nitric oxide (NO); Polymorphonuclear leukocyte (De La Cruz, J.P. (397) 35)

Endothelial factor; Hemostasis; Nitric oxide (NO); Thrombosis (Momi, S. (397) 177)

Plus-maze

Nicotinic acetylcholine receptor; Sensitization; Disinhibition; Locomotor activity; (Rat) (Ericson, M. (397) 103)

Polymorphonuclear leukocyte

Aspirin; Dipyridamole; Nitric oxide (NO); Platelet (De La Cruz, J.P. (397) 35)

Potentiation

Cocaine; Noradrenaline; Blood pressure; Contractility; Chlorisondamine (Sabra, R. (397) 139)

Prazosin

Morphine withdrawal; Ventricle, right; Catecholaminergic activity; Yohimbine (Milanés, M.V. (397) 311)

Purkinje cell

AMPA receptor; GYKI 53784; Aniracetam; Cyclothiazide; 1-BCP; BDP-12 (Kapus, G. (397) 43)

Quisqualic acid

mGlu₁ receptor; Arg⁷⁸; Agonist binding; Glutamic acid; Mutagenesis (Jensen, A.A. (397) 247)

Radioligand binding

NMDA receptor; Receptor occupancy, in vivo; NR2B subunit; MK-801 (Murray, F. (397) 263)

Rat, spinal

Opiate; Dependence, acute; Gender difference; Cardiovascular system; Blood pressure; Heart rate (Cruz, S.L. (397) 121)

Receptor associated modifying protein (RAMP)

Amylin; Adrenomedullin; Calcitonin gene-related peptide (CGRP); Calcitonin receptor-like receptor; Myocardial contraction (Saetrum Opgaard, O. (397) 373)

Receptor fragment

Dopamine receptor; COS-7 cell; Adenylate cyclase (Scarselli, M. (397) 291)

Receptor occupancy, in vivo

NMDA receptor; NR2B subunit; MK-801; Radioligand binding (Murray, F. (397) 263)

Regulation

Bradykinin B₁ receptor; Bradykinin B₂ receptor; [^3H]des-Arg¹⁰-kallidin; [^3H]Bradykinin; WI-38 cell; Cytokine (Phagoo, S.B. (397) 237)

Relaxation

β -Adrenoceptor; Age; Endothelium; Isoprenaline; K⁺ channel (Van der Zyppe, A. (397) 129)

Reperfusion

K_{ATP} channel; Hypertension; Arrhythmias; Myocardial ischemia (Lee, Y.-M. (397) 151)

Respiration

Ca²⁺ channel blocker; Opioid; Rhesus monkey (Kishioka, S. (397) 85)

Rhesus monkey

Respiration; Ca²⁺ channel blocker; Opioid (Kishioka, S. (397) 85)

RNA-mediated interference

G-protein coupled receptor; *npr-1* (Gomes, A.V. (397) R3)

Salmeterol

Benzalkonium chloride; Mast cell; G-protein; β_2 -Adrenoceptor; Asthma (Seebeck, J. (397) 19)

Sensitization

Nicotinic acetylcholine receptor; Disinhibition; Locomotor activity; Plus-maze; (Rat) (Ericson, M. (397) 103)

Sensitized, guinea pig

Glaucine; Phosphodiesterase 4 inhibitor; Airway hyperreactivity; Airway eosinophil infiltration; Airway microvascular leakage (Pons, R. (397) 187)

Sensory-motor test

γ -Hydroxybutyrate; Cerebral ischemia; Hippocampus; Immunochemistry; Spatial learning (Vergoni, A.V. (397) 75)

Sibutramine

Desmethylsibutramine; Didemethylsibutramine; Food intake; Obesity; Locomotor activity; Antidepressant (Glick, S.D. (397) 93)

Signaling

Pancreastatin receptor; G protein; Phospholipase C; MAPK; HTC cell; Insulin resistance (Sánchez-Margalet, V. (397) 229)

Small intestine

Enteric nervous system; Submucous plexus; Synaptic transmission, inhibitory; Norepinephrine; Somatostatin (Liu, S. (397) 49)

Somatostatin

Enteric nervous system; Submucous plexus; Small intestine; Synaptic transmission, inhibitory; Norepinephrine (Liu, S. (397) 49)

Spatial learning

γ -Hydroxybutyrate; Cerebral ischemia; Hippocampus; Immunochemistry; Sensory–motor test (Vergoni, A.V. (397) 75)

Splanchnic nerve stimulation

Endothelin ET_A receptor; Endothelin ET_B receptor; FR139317; BQ-788 (Hosokawa, A. (397) 55)

SR146131

Cholecystikinin; [Ca²⁺]_i; Phosphoinositide turnover; Binding; (Human) (Schaeffer, P. (397) 303)

Stretch receptor

Calmodulin antagonist; Mechanosensitive channel; Voltage clamp (Lin, J.-H. (397) 11)

Structure–activity relationship

Antinociception; Cannabinoid; Intrahecal; Intraventricular; Tetrahydrocannabinol (Wiley, J.L. (397) 319)

Submucous plexus

Enteric nervous system; Small intestine; Synaptic transmission, inhibitory; Norepinephrine; Somatostatin (Liu, S. (397) 49)

Superior cervical ganglion, rat

ATP; Ecto-nucleotidase; Dipyrindamole; Ecto-ATPase; UTP (Connolly, G.P. (397) 271)

Superoxide anion

AMP579; Coronary artery endothelium; Neutrophil degranulation; Neutrophil adherence (Nakamura, M. (397) 197)

Sympathetic activation

Collagen; Heart failure; Hypertrophy; Moxonidine; (Rat) (Van Kerckhoven, R. (397) 113)

Synaptic transmission, inhibitory

Enteric nervous system; Submucous plexus; Small intestine; Norepinephrine; Somatostatin (Liu, S. (397) 49)

Tetrahydrocannabinol

Antinociception; Cannabinoid; Intrahecal; Intraventricular; Structure–activity relationship (Wiley, J.L. (397) 319)

Thrombosis

Endothelial factor; Hemostasis; Nitric oxide (NO); Platelet (Momi, S. (397) 177)

Trandolapril

Angiotensin-converting enzyme inhibitor; Cholesterol-fed, rabbit; Aorta; Coronary artery; Mesenteric, 5th branch (Sanz, M. (397) 359)

Ulcer

Non-steroidal anti-inflammatory drug (NSAID); Apoptosis; Colon cancer; Pentose phosphate pathway (Porter, S.N. (397) 1)

Urinary incontinence

β_2 -Adrenoceptor; ATP-sensitive K⁺ channel; Detrusor muscle; Clenbuterol (Hudman, D. (397) 169)

UTP

ATP; Ecto-nucleotidase; Dipyrindamole; Ecto-ATPase; Superior cervical ganglion, rat (Connolly, G.P. (397) 271)

Vasoconstriction

Isoprostane; Oxidative stress; Mammary artery (Cracowski, J.-L. (397) 161)

Ventricle, right

Morphine withdrawal; Catecholaminergic activity; Yohimbine; Prazosin (Milanés, M.V. (397) 311)

VIP (vasoactive intestinal polypeptide)

Nitric oxide (NO); Gastric fundus, Pig (Dick, J.M.C. (397) 389)

Voltage clamp

Calmodulin antagonist; Mechanosensitive channel; Stretch receptor (Lin, J.-H. (397) 11)

WI-38 cell

Bradykinin B₁ receptor; Bradykinin B₂ receptor; Regulation; [³H]des-Arg¹⁰-kallidin; [³H]Bradykinin; Cytokine (Phagoo, S.B. (397) 237)

Yohimbine

Morphine withdrawal; Ventricle, right; Catecholaminergic activity; Prazosin (Milanés, M.V. (397) 311)

Zolmitriptan

5-HT_{1B} receptor, human; K⁺ channel, Ca²⁺-dependent; C6 glioma cell (Le Grand, B. (397) 297)