

Keyword index

Acetylcholinesterase inhibitor

TAK-802; Bladder; Micturition; (Rat); (Guinea pig) (Nagabukuro, H. (485) 299)

Action potential

Yohimbine; Na⁺ channel; Vanilloid VR1 receptor; Dorsal root ganglion; Firing activity (Dessaint, J. (485) 11)

α_{1B}-Adrenoceptor

Peroxovanadate; Phosphorylation receptor; Protein kinase C (Alcántara-Hernández, R. (485) 61)

α_{2A}-Adrenoceptor

Locomotor activity; Analgesia; Sedation; Amitriptyline; Clonidine; (Mouse) (Özdoğan, Ü.K. (485) 193)

β-Adrenoceptor

β-Adrenoceptor antagonist; Catecholamine; Fibrosis (Brouri, F. (485) 227)

Adrenoceptor agonists

Fish oil; Polyunsaturated fatty acid; Arrhythmias; Eicosapentaenoic acid; Docosahexaenoic acid (Xiao, Y.-F. (485) 31)

β-Adrenoceptor antagonist

β-Adrenoceptor; Catecholamine; Fibrosis (Brouri, F. (485) 227)

Akt

Dictyostelium; DIF-1 (differentiation-inducing factor-1); K562; ERK (extracellular signal-regulated kinase) (Akaishi, E. (485) 21)

Allicin

Apoptosis; SiHa; HeLa; SW480; L-929; Garlic (Oommen, S. (485) 97)

Amitriptyline

Locomotor activity; Analgesia; Sedation; α_{2A}-Adrenoceptor; Clonidine; (Mouse) (Özdoğan, Ü.K. (485) 193)

Amygdala

J-113397; Microdialysis; Orphanin FQ; Nociceptin; (Rat) (Kawahara, Y. (485) 197)

Analgesia

Locomotor activity; Sedation; Amitriptyline; α_{2A}-Adrenoceptor; Clonidine; (Mouse) (Özdoğan, Ü.K. (485) 193)

Angiogenesis

bFGF (basic fibroblast growth factor); Dexamethasone; Gastric ulcer; Prostaglandin E₂; VEGF (vascular endothelial growth factor) (Luo, J.C. (485) 275)

Angiotensin AT_{1A} receptor

Angiotensin II; Superoxide anion; Angiotensin AT_{1B} receptor; Aorta; Heart (Rahman, M. (485) 243)

Angiotensin AT_{1B} receptor

Angiotensin II; Superoxide anion; Angiotensin AT_{1A} receptor; Aorta; Heart (Rahman, M. (485) 243)

Angiotensin converting enzyme

Myocardial fibrosis; VIP (Vasopeptidase Intestinal Peptide); Vasopeptidase inhibition; Neutral endopeptidase; Cardiac failure (Ye, V.Z.C. (485) 235)

Angiotensin II

Protein kinase C-β (PKC-β) inhibitor; Protein kinase C (PKC); Endothelial permeability; Diabetic retinopathy (Idris, I. (485) 141)

Superoxide anion; Angiotensin AT_{1A} receptor; Angiotensin AT_{1B} receptor; Aorta; Heart (Rahman, M. (485) 243)

Anti-epileptic drug

Parkinson disease; Dystonia; Synchronization (Bezard, E. (485) 159)

Antinociception

(–)-Linalool; Cholinergic; Opioid; Dopamine; K⁺ channel; ATP-sensitive channel (Peana, A.T. (485) 165)

Antioxidant

Wogonin; Neuroprotection; Cortical neuron; Excitotoxicity; Oxidative damage (Cho, J. (485) 105)

Anxiety

CRF (corticotropin-releasing factor); CRF₁ receptor; Depression; Stress-related behavior; R278995/CRA0450 (Chaki, S. (485) 145)

Aorta

Angiotensin II; Superoxide anion; Angiotensin AT_{1A} receptor; Angiotensin AT_{1B} receptor; Heart (Rahman, M. (485) 243)

Apoptosis

Allicin; SiHa; HeLa; SW480; L-929; Garlic (Oommen, S. (485) 97)

Hydrogen peroxide; Ebselen; p38 MAP (mitogen-activated protein) kinase; HUVEC (human umbilical vein endothelial cell) (Ali, N. (485) 127)

ARL 67156

Ecto-ATPase; Chromaffin cell; Inositol phosphate; P2Y receptor (Drakulich, D.A. (485) 137)

Arrhythmias

Fish oil; Polyunsaturated fatty acid; Adrenoceptor agonists; Eicosapentaenoic acid; Docosahexaenoic acid (Xiao, Y.-F. (485) 31)

Arylacetylamide

Benzomorphan; Nor-binaltorphimine; κ-Opioid receptor (Rusovici, D.E. (485) 119)

ATP-sensitive channel

(–)-Linalool; Antinociception; Cholinergic; Opioid; Dopamine; K⁺ channel (Peana, A.T. (485) 165)

5-Aza-2'-deoxycytidine

Paclitaxel; Nitric oxide (NO); iNOS (nitric oxide (NO) synthase, inducible); L929; Fibrosarcoma (Miljkovic, D. (485) 81)

Benzomorphan

Arylacетamide; Nor-binaltorphimine; κ -Opioid receptor (Rusovici, D.E. (485) 119)

bFGF (basic fibroblast growth factor)

Angiogenesis; Dexamethasone; Gastric ulcer; Prostaglandin E₂; VEGF (vascular endothelial growth factor) (Luo, J.C. (485) 275)

Binding activity

Chemical synthesis; CD (Circular dichroism); Helical structure; Relaxant activity; VIP (vasoactive intestinal peptide) derivative (Onoue, S. (485) 307)

Bladder

TAK-802; Acetylcholinesterase inhibitor; Micturition; (Rat); (Guinea pig) (Nagabukuro, H. (485) 299)

Californine

Protopine; Metabolism; Cytochrome P450; Liver microsome, rat (Paul, L.D. (485) 69)

Cardiac failure

Myocardial fibrosis; VIP (Vasopeptidase Intestinal Peptide); Vasopeptidase inhibition; Angiotensin converting enzyme; Neutral endopeptidase (Ye, V.Z.C. (485) 235)

Catecholamine

β -Adrenoceptor; β -Adrenoceptor antagonist; Fibrosis (Brouri, F. (485) 227)

CD (Circular dichroism)

Binding activity; Chemical synthesis; Helical structure; Relaxant activity; VIP (vasoactive intestinal peptide) derivative (Onoue, S. (485) 307)

Cell cycle

Quercetin; Flavonoid; Osteoblast; Proliferation; Differentiation (Notoya, M. (485) 89)

Cerebral ischemia

GHB (γ -hydroxybutyrate); Immunohistochemistry; (Rat); Sensory-motor test; Spatial learning (Ottani, A. (485) 183)

Cerivastatin

Mesangial cell, rat; Interleukin 1- β ; Statin; NO (nitric oxide); NO (nitric oxide) synthase, inducible; Cyclooxygenase-2 (Blume, C. (485) 1)

Chemical synthesis

Binding activity; CD (Circular dichroism); Helical structure; Relaxant activity; VIP (vasoactive intestinal peptide) derivative (Onoue, S. (485) 307)

Cholinergic

(-)-Linalool; Antinociception; Opioid; Dopamine; K⁺ channel; ATP-sensitive channel (Peana, A.T. (485) 165)

Chromaffin cell

Ecto-ATPase; ARL 67156; Inositol phosphate; P2Y receptor (Drakulich, D.A. (485) 137)

Clonidine

Locomotor activity; Analgesia; Sedation; Amitriptyline; α_{2A} -Adrenoceptor; (Mouse) (Özdoğan, Ü.K. (485) 193)

Clozapine

Dopamine D1 receptor; G_s protein; Scintillation proximity assay; Haloperidol (Cussac, D. (485) 111)

Conditioned place aversion

Morphine dependence; Morphine withdrawal; Glutamate transporter; DL-threo- β -benzyloxyaspartate; Conditioned place preference (Sekiya, Y. (485) 201)

Conditioned place preference

Morphine dependence; Morphine withdrawal; Glutamate transporter; DL-threo- β -benzyloxyaspartate; Conditioned place aversion (Sekiya, Y. (485) 201)

Constant-pressure perfusion

Mesenteric vascular bed; (Rat); Endothelium; NO (nitric oxide); K⁺ channel, Ca²⁺-dependent (Fujioka, H. (485) 219)

Contractility, spontaneous

U46619; Prostanoid TP receptor; Uterus, pig; Thromboxane A₂ (Cao, J. (485) 317)

Cortical neuron

Wogonin; Neuroprotection; Antioxidant; Excitotoxicity; Oxidative damage (Cho, J. (485) 105)

Cough

Tachykinin NK₁ receptor; CP-99994; (Dog) (Chapman, R.W. (485) 329)

CP-99994

Cough; Tachykinin NK₁ receptor; (Dog) (Chapman, R.W. (485) 329)

CRF (corticotropin-releasing factor)

CRF₁ receptor; Anxiety; Depression; Stress-related behavior; R278995/CRA0450 (Chaki, S. (485) 145)

CRF₁ receptor

CRF (corticotropin-releasing factor); Anxiety; Depression; Stress-related behavior; R278995/CRA0450 (Chaki, S. (485) 145)

CuCl₂

Gastric fundus, mouse; Photorelaxation; Nitric oxide (NO); S-nitrosoglutathione; Neocuproine; Cuprizone (Ögülcener, N. (485) 269)

Cuprizone

Gastric fundus, mouse; Photorelaxation; Nitric oxide (NO); S-nitrosoglutathione; CuCl₂; Neocuproine (Ögülcener, N. (485) 269)

Cyclooxygenase-2

Mesangial cell, rat; Interleukin 1- β ; Statin; Cerivastatin; NO (nitric oxide); NO (nitric oxide) synthase, inducible (Blume, C. (485) 1)

Cytochrome P450

Californine; Protopine; Metabolism; Liver microsome, rat (Paul, L.D. (485) 69)

Deoxyglucose uptake

PTP-1B (protein tyrosine phosphatase-1B); 1,2-Naphthoquinone; Glycogen incorporation; ob/ob mouse (Cheon, H.G. (485) 333)

Depression

CRF (corticotropin-releasing factor); CRF₁ receptor; Anxiety; Stress-related behavior; R278995/CRA0450 (Chaki, S. (485) 145)

Dexamethasone

Angiogenesis; bFGF (basic fibroblast growth factor); Gastric ulcer; Prostaglandin E₂; VEGF (vascular endothelial growth factor) (Luo, J.C. (485) 275)

DFU

Nimesulide; Indomethacin; Myometrium; Ductus arteriosus (Karadas, B. (485) 289)

Diabetic retinopathy

Protein kinase C- β (PKC- β) inhibitor; Protein kinase C (PKC); Endothelial permeability; Angiotensin II (Idris, I. (485) 141)

Dictyostelium

DIF-1 (differentiation-inducing factor-1); K562; ERK (extracellular signal-regulated kinase); Akt (Akaishi, E. (485) 21)

DIF-1 (differentiation-inducing factor-1)

Dictyostelium; K562; ERK (extracellular signal-regulated kinase); Akt (Akaishi, E. (485) 21)

Differentiation

Quercetin; Flavonoid; Osteoblast; Proliferation; Cell cycle (Notoya, M. (485) 89)

DL-threo-β-benzyloxyaspartate

Morphine dependence; Morphine withdrawal; Glutamate transporter; Conditioned place aversion; Conditioned place preference (Sekiya, Y. (485) 201)

Docosahexaenoic acid

Fish oil; Polyunsaturated fatty acid; Arrhythmias; Adrenoceptor agonists; Eicosapentaenoic acid (Xiao, Y.-F. (485) 31)

(Dog)

Cough; Tachykinin NK₁ receptor; CP-99994 (Chapman, R.W. (485) 329)

Dopamine

(–)-Linalool; Antinociception; Cholinergic; Opioid; K⁺ channel; ATP-sensitive channel (Peana, A.T. (485) 165)

Striatum; Motor control; Glutamate (Del Bel, E.A. (485) 175)

Dopamine D1 receptor

G_s protein; Scintillation proximity assay; Clozapine; Haloperidol (Cussac, D. (485) 111)

Dorsal root ganglion

Yohimbine; Na⁺ channel; Vanilloid VR1 receptor; Action potential; Firing activity (Dessaint, J. (485) 11)

Down-regulation

δ-Opioid receptor; Trafficking, agonist-directed (Navratilova, E. (485) 341)

Ductus arteriosus

DFU; Nimesulide; Indomethacin; Myometrium (Karadas, B. (485) 289)

Dystonia

Parkinson disease; Synchronization; Anti-epileptic drug (Bezard, E. (485) 159)

Ebselen

Hydrogen peroxide; p38 MAP (mitogen-activated protein) kinase; Apoptosis; HUVEC (human umbilical vein endothelial cell) (Ali, N. (485) 127)

Ecto-ATPase

Chromaffin cell; ARL 67156; Inositol phosphate; P2Y receptor (Drakulich, D.A. (485) 137)

Eicosapentaenoic acid

Fish oil; Polyunsaturated fatty acid; Arrhythmias; Adrenoceptor agonists; Docosahexaenoic acid (Xiao, Y.-F. (485) 31)

Electroretinogram

T-0156; Sildenafil; Phosphodiesterase type 5 inhibitor; Phosphodiesterase type 6; Penile tumescence (Mochida, H. (485) 283)

Endothelial permeability

Protein kinase C-β (PKC-β) inhibitor; Protein kinase C (PKC); Angiotensin II; Diabetic retinopathy (Idris, I. (485) 141)

Endothelin-1

Mesenteric artery; Rho-kinase; Saponin; Y-27632 (Büyükaşar, K. (485) 263)

Endothelium

Constant-pressure perfusion; Mesenteric vascular bed; (Rat); NO (nitric oxide); K⁺ channel, Ca²⁺-dependent (Fujioka, H. (485) 219)

ERK (extracellular signal-regulated kinase)

Dictyostelium; DIF-1 (differentiation-inducing factor-1); K562; Akt (Akaishi, E. (485) 21)

Ethanol

Self-administration, intravenous; (Mouse) (Blokhina, E.A. (485) 211)

Rilmenidine; α-Methyldopa; Hypotension; Hemodynamic variability; Time-domain analysis (El-Mas, M.M. (485) 251)

Excitotoxicity

Wogonin; Neuroprotection; Cortical neuron; Antioxidant; Oxidative damage (Cho, J. (485) 105)

Fibrosarcoma

5-Aza-2'-deoxycytidine; Paclitaxel; Nitric oxide (NO); iNOS (nitric oxide (NO) synthase, inducible); L929 (Miljkovic, D. (485) 81)

Fibrosis

β-Adrenoceptor; β-Adrenoceptor antagonist; Catecholamine (Brouiri, F. (485) 227)

Firing activity

Yohimbine; Na⁺ channel; Vanilloid VR1 receptor; Dorsal root ganglion; Action potential (Dessaint, J. (485) 11)

Fish oil

Polyunsaturated fatty acid; Arrhythmias; Adrenoceptor agonists; Eicosapentaenoic acid; Docosahexaenoic acid (Xiao, Y.-F. (485) 31)

Flavonoid

Quercetin; Osteoblast; Proliferation; Differentiation; Cell cycle (Notoya, M. (485) 89)

GABA_A receptor complex

TBOB; Neuroactive steroid; Retigabine; Synergy; Isobole method; Molecular model (van Rijn, C.M. (485) 43)

Garlic

Allicin; Apoptosis; SiHa; HeLa; SW480; L-929 (Oommen, S. (485) 97)

Gastric fundus, mouse

Photorelaxation; Nitric oxide (NO); S-nitrosoglutathione; CuCl₂; Neocuproine; Cuprizone (Ögülcü, N. (485) 269)

Gastric ulcer

Angiogenesis; bFGF (basic fibroblast growth factor); Dexamethasone; Prostaglandin E₂; VEGF (vascular endothelial growth factor) (Luo, J.C. (485) 275)

GHB (γ-hydroxybutyrate)

Cerebral ischemia; Immunohistochemistry; (Rat); Sensory-motor test; Spatial learning (Ottani, A. (485) 183)

Glutamate

Striatum; Motor control; Dopamine (Del Bel, E.A. (485) 175)

Glutamate transporter

Morphine dependence; Morphine withdrawal; DL-threo-β-benzyloxyaspartate; Conditioned place aversion; Conditioned place preference (Sekiya, Y. (485) 201)

Glycogen incorporation

PTP-1B (protein tyrosine phosphatase-1B); 1,2-Naphthoquinone; Deoxy-glucose uptake; ob/ob mouse (Cheon, H.G. (485) 333)

G_s protein

Dopamine D1 receptor; Scintillation proximity assay; Clozapine; Haloperidol (Cussac, D. (485) 111)

(Guinea pig)

TAK-802; Acetylcholinesterase inhibitor; Bladder; Micturition; (Rat) (Nagabukuro, H. (485) 299)

Haloperidol

Dopamine D1 receptor; G_s protein; Scintillation proximity assay; Clozapine (Cussac, D. (485) 111)

Heart

Angiotensin II; Superoxide anion; Angiotensin AT_{1A} receptor; Angiotensin AT_{1B} receptor; Aorta (Rahman, M. (485) 243)

HeLa

Allicin; Apoptosis; SiHa; SW480; L-929; Garlic (Oommen, S. (485) 97)

Helical structure

Binding activity; Chemical synthesis; CD (Circular dichroism); Relaxant activity; VIP (vasoactive intestinal peptide) derivative (Onoue, S. (485) 307)

Hemodynamic variability

Ethanol; Rilmenidine; α -Methyldopa; Hypotension; Time-domain analysis (El-Mas, M.M. (485) 251)

HUVEC (human umbilical vein endothelial cell)

Hydrogen peroxide; Ebselen; p38 MAP (mitogen-activated protein) kinase; Apoptosis (Ali, N. (485) 127)

Hydrogen peroxide

Ebselen; p38 MAP (mitogen-activated protein) kinase; Apoptosis; HUVEC (human umbilical vein endothelial cell) (Ali, N. (485) 127)

Hypotension

Ethanol; Rilmenidine; α -Methyldopa; Hemodynamic variability; Time-domain analysis (El-Mas, M.M. (485) 251)

Immunohistochemistry

Cerebral ischemia; GHB (γ -hydroxybutyrate); (Rat); Sensory-motor test; Spatial learning (Ottani, A. (485) 183)

Indomethacin

DFU; Nimesulide; Myometrium; Ductus arteriosus (Karadas, B. (485) 289)

Inflammation

Interleukin-1; Vasopressin; Prostaglandin (Sigal, F.-B. (485) 53)

Inositol phosphate

Ecto-ATPase; Chromaffin cell; ARL 67156; P2Y receptor (Drakulich, D.A. (485) 137)

iNOS (nitric oxide (NO) synthase, inducible)

5-Aza-2'-deoxycytidine; Paclitaxel; Nitric oxide (NO); L929; Fibrosarcoma (Miljkovic, D. (485) 81)

Interleukin-1

Vasopressin; Prostaglandin; Inflammation (Sigal, F.-B. (485) 53)

Interleukin 1- β

Mesangial cell, rat; Statin; Cerivastatin; NO (nitric oxide); NO (nitric oxide) synthase, inducible; Cyclooxygenase-2 (Blume, C. (485) 1)

Isobole method

GABA_A receptor complex; TBOB; Neuroactive steroid; Retigabine; Synergy; Molecular model (van Rijn, C.M. (485) 43)

J-113397

Microdialysis; Orphanin FQ; Nociceptin; Amygdala; (Rat) (Kawahara, Y. (485) 197)

K562

Dictyostelium; DIF-1 (differentiation-inducing factor-1); ERK (extracellular signal-regulated kinase); Akt (Akaishi, E. (485) 21)

K⁺ channel

(-)-Linalool; Antinociception; Cholinergic; Opioid; Dopamine; ATP-sensitive channel (Peana, A.T. (485) 165)

K⁺ channel, Ca²⁺-dependent

Constant-pressure perfusion; Mesenteric vascular bed; (Rat); Endothelium; NO (nitric oxide) (Fujioka, H. (485) 219)

L929

5-Aza-2'-deoxycytidine; Paclitaxel; Nitric oxide (NO); iNOS (nitric oxide (NO) synthase, inducible); Fibrosarcoma (Miljkovic, D. (485) 81)

Allicin; Apoptosis; SiHa; HeLa; SW480; Garlic (Oommen, S. (485) 97)

(-)-Linalool

Antinociception; Cholinergic; Opioid; Dopamine; K⁺ channel; ATP-sensitive channel (Peana, A.T. (485) 165)

Liver microsome, rat

Californine; Protopine; Metabolism; Cytochrome P450 (Paul, L.D. (485) 69)

Locomotor activity

Analgesia; Sedation; Amitriptyline; α_{2A} -Adrenoceptor; Clonidine; (Mouse) (Özdoğan, Ü.K. (485) 193)

Mesangial cell, rat

Interleukin 1- β ; Statin; Cerivastatin; NO (nitric oxide); NO (nitric oxide) synthase, inducible; Cyclooxygenase-2 (Blume, C. (485) 1)

Mesenteric artery

Endothelin-1; Rho-kinase; Saponin; Y-27632 (Büyükaşar, K. (485) 263)

Mesenteric vascular bed

Constant-pressure perfusion; (Rat); Endothelium; NO (nitric oxide); K⁺ channel, Ca²⁺-dependent (Fujioka, H. (485) 219)

Metabolism

Californine; Protopine; Cytochrome P450; Liver microsome, rat (Paul, L.D. (485) 69)

 α -Methyldopa

Ethanol; Rilmenidine; Hypotension; Hemodynamic variability; Time-domain analysis (El-Mas, M.M. (485) 251)

Microdialysis

J-113397; Orphanin FQ; Nociceptin; Amygdala; (Rat) (Kawahara, Y. (485) 197)

Micturition

TAK-802; Acetylcholinesterase inhibitor; Bladder; (Rat); (Guinea pig) (Nagabukuro, H. (485) 299)

Molecular model

GABA_A receptor complex; TBOB; Neuroactive steroid; Retigabine; Synergy; Isobole method (van Rijn, C.M. (485) 43)

Morphine dependence

Morphine withdrawal; Glutamate transporter; DL-*threo*- β -benzyloxyaspartate; Conditioned place aversion; Conditioned place preference (Sekiya, Y. (485) 201)

Morphine withdrawal

Morphine dependence; Glutamate transporter; DL-*threo*- β -benzyloxyaspartate; Conditioned place aversion; Conditioned place preference (Sekiya, Y. (485) 201)

Motor control

Striatum; Glutamate; Dopamine (Del Bel, E.A. (485) 175)

(Mouse)

Locomotor activity; Analgesia; Sedation; Amitriptyline; α_{2A} -Adrenoceptor; Clonidine (Özdoğan, Ü.K. (485) 193)

Ethanol; Self-administration, intravenous (Blokina, E.A. (485) 211)

Myocardial fibrosis

VIP (Vasoepitidase Intestinal Peptide); Vasoepitidase inhibition; Angiotensin converting enzyme; Neutral endopeptidase; Cardiac failure (Ye, V.Z.C. (485) 235)

Myometrium

DFU; Nimesulide; Indomethacin; Ductus arteriosus (Karadas, B. (485) 289)

Na⁺ channel

Yohimbine; Vanilloid VR1 receptor; Dorsal root ganglion; Action potential; Firing activity (Dessaint, J. (485) 11)

1,2-Naphthoquinone

PTP-1B (protein tyrosine phosphatase-1B); Deoxyglucose uptake; Glycogen incorporation; ob/ob mouse (Cheon, H.G. (485) 333)

Neocuproine

Gastric fundus, mouse; Photorelaxation; Nitric oxide (NO); S-nitrosoglutathione; CuCl₂; Cuprizone (Ögülcener, N. (485) 269)

Neuroactive steroid

GABA_A receptor complex; TBOB; Retigabine; Synergy; Isobole method; Molecular model (van Rijn, C.M. (485) 43)

Neuroprotection

Wogonin; Cortical neuron; Antioxidant; Excitotoxicity; Oxidative damage (Cho, J. (485) 105)

Neutral endopeptidase

Myocardial fibrosis; VIP (Vasoepitidase Intestinal Peptide); Vasoepitidase inhibition; Angiotensin converting enzyme; Cardiac failure (Ye, V.Z.C. (485) 235)

Nimesulide

DFU; Indomethacin; Myometrium; Ductus arteriosus (Karadas, B. (485) 289)

Nitric oxide (NO)

5-Aza-2'-deoxycytidine; Paclitaxel; iNOS (nitric oxide (NO) synthase, inducible); L929; Fibrosarcoma (Miljkovic, D. (485) 81)

Gastric fundus, mouse; Photorelaxation; S-nitrosoglutathione; CuCl₂; Neocuproine; Cuprizone (Ögülcener, N. (485) 269)

Nociceptin

J-113397; Microdialysis; Orphanin FQ; Amygdala; (Rat) (Kawahara, Y. (485) 197)

NO (nitric oxide)

Mesangial cell, rat; Interleukin 1- β ; Statin; Cerivastatin; NO (nitric oxide) synthase, inducible; Cyclooxygenase-2 (Blume, C. (485) 1)

Constant-pressure perfusion; Mesenteric vascular bed; (Rat); Endothelium; K⁺ channel, Ca²⁺-dependent (Fujioka, H. (485) 219)

NO (nitric oxide) synthase, inducible

Mesangial cell, rat; Interleukin 1- β ; Statin; Cerivastatin; NO (nitric oxide); Cyclooxygenase-2 (Blume, C. (485) 1)

Nor-binaltorphimine

Benzomorphan; Arylacetamide; κ -Opioid receptor (Rusovici, D.E. (485) 119)

ob/ob mouse

PTP-1B (protein tyrosine phosphatase-1B); 1,2-Naphthoquinone; Deoxyglucose uptake; Glycogen incorporation (Cheon, H.G. (485) 333)

Opioid

(-)-Linalool; Antinociception; Cholinergic; Dopamine; K⁺ channel; ATP-sensitive channel (Peana, A.T. (485) 165)

 δ -Opioid receptor

Trafficking, agonist-directed; Down-regulation (Navratilova, E. (485) 341)

 κ -Opioid receptor

Benzomorphan; Arylacetamide; Nor-binaltorphimine (Rusovici, D.E. (485) 119)

Orphanin FQ

J-113397; Microdialysis; Nociceptin; Amygdala; (Rat) (Kawahara, Y. (485) 197)

Osteoblast

Quercetin; Flavonoid; Proliferation; Differentiation; Cell cycle (Notoya, M. (485) 89)

Oxidative damage

Wogonin; Neuroprotection; Cortical neuron; Antioxidant; Excitotoxicity (Cho, J. (485) 105)

Paclitaxel

5-Aza-2'-deoxycytidine; Nitric oxide (NO); iNOS (nitric oxide (NO) synthase, inducible); L929; Fibrosarcoma (Miljkovic, D. (485) 81)

Parkinson disease

Dystonia; Synchronization; Anti-epileptic drug (Bezard, E. (485) 159)

Penile tumescence

T-0156; Sildenafil; Phosphodiesterase type 5 inhibitor; Phosphodiesterase type 6; Electoretinogram (Mochida, H. (485) 283)

Peroxoanadate

α_{1B} -Adrenoceptor; Phosphorylation receptor; Protein kinase C (Alcántara-Hernández, R. (485) 61)

Phosphodiesterase type 6

T-0156; Sildenafil; Phosphodiesterase type 5 inhibitor; Penile tumescence; Electoretinogram (Mochida, H. (485) 283)

Phosphodiesterase type 5 inhibitor

T-0156; Sildenafil; Phosphodiesterase type 6; Penile tumescence; Electoretinogram (Mochida, H. (485) 283)

Phosphorylation receptor

α_{1B} -Adrenoceptor; Peroxoanadate; Protein kinase C (Alcántara-Hernández, R. (485) 61)

Photorelaxation

Gastric fundus, mouse; Nitric oxide (NO); *S*-nitrosoglutathione; CuCl₂; Neocuproine; Cuprizone (Ögülcener, N. (485) 269)

p38 MAP (mitogen-activated protein) kinase

Hydrogen peroxide; Ebselen; Apoptosis; HUVEC (human umbilical vein endothelial cell) (Ali, N. (485) 127)

Polyunsaturated fatty acid

Fish oil; Arrhythmias; Adrenoceptor agonists; Eicosapentaenoic acid; Docosahexaenoic acid (Xiao, Y.-F. (485) 31)

Proliferation

Quercetin; Flavonoid; Osteoblast; Differentiation; Cell cycle (Notoya, M. (485) 89)

Prostaglandin

Interleukin-1; Vasopressin; Inflammation (Sigal, F.-B. (485) 53)

Prostaglandin E₂

Angiogenesis; bFGF (basic fibroblast growth factor); Dexamethasone; Gastric ulcer; VEGF (vascular endothelial growth factor) (Luo, J.C. (485) 275)

Prostanoid TP receptor

U46619; Uterus, pig; Thromboxane A₂; Contractility, spontaneous (Cao, J. (485) 317)

Protein kinase C

α_{1B}-Adrenoceptor; Peroxovanadate; Phosphorylation receptor (Alcántara-Hernández, R. (485) 61)

Protein kinase C (PKC)

Protein kinase C-β (PKC-β) inhibitor; Endothelial permeability; Angiotensin II; Diabetic retinopathy (Idris, I. (485) 141)

Protein kinase C-β (PKC-β) inhibitor

Protein kinase C (PKC); Endothelial permeability; Angiotensin II; Diabetic retinopathy (Idris, I. (485) 141)

Protopine

Californine; Metabolism; Cytochrome *P*450; Liver microsome, rat (Paul, L.D. (485) 69)

PTP-1B (protein tyrosine phosphatase-1B)

1,2-Naphthoquinone; Deoxyglucose uptake; Glycogen incorporation; ob/ob mouse (Cheon, H.G. (485) 333)

P2Y receptor

Ecto-ATPase; Chromaffin cell; ARL 67156; Inositol phosphate (Drakulich, D.A. (485) 137)

Quercetin

Flavonoid; Osteoblast; Proliferation; Differentiation; Cell cycle (Notoya, M. (485) 89)

(Rat)

Cerebral ischemia; GHB (γ-hydroxybutyrate); Immunohistochemistry; Sensory-motor test; Spatial learning (Ottani, A. (485) 183)

J-113397; Microdialysis; Orphanin FQ; Nociceptin; Amygdala (Kawahara, Y. (485) 197)

Constant-pressure perfusion; Mesenteric vascular bed; Endothelium; NO (nitric oxide); K⁺ channel, Ca²⁺-dependent (Fujioka, H. (485) 219)

TAK-802; Acetylcholinesterase inhibitor; Bladder; Micturition; (Guinea pig) (Nagabukuro, H. (485) 299)

R278995/CRA0450

CRF (corticotropin-releasing factor); CRF₁ receptor; Anxiety; Depression; Stress-related behavior (Chaki, S. (485) 145)

Relaxant activity

Binding activity; Chemical synthesis; CD (Circular dichroism); Helical structure; VIP (vasoactive intestinal peptide) derivative (Onoue, S. (485) 307)

Retigabine

GABA_A receptor complex; TBOB; Neuroactive steroid; Synergy; Isobole method; Molecular model (van Rijn, C.M. (485) 43)

Rho-kinase

Endothelin-1; Mesenteric artery; Saponin; Y-27632 (Büyükaşar, K. (485) 263)

Rilmidenine

Ethanol; α-Methyl dopa; Hypotension; Hemodynamic variability; Time-domain analysis (El-Mas, M.M. (485) 251)

Saponin

Endothelin-1; Mesenteric artery; Rho-kinase; Y-27632 (Büyükaşar, K. (485) 263)

Scintillation proximity assay

Dopamine D1 receptor; G_s protein; Clozapine; Haloperidol (Cussac, D. (485) 111)

Sedation

Locomotor activity; Analgesia; Amitriptyline; α_{2A}-Adrenoceptor; Clonidine; (Mouse) (Özdoğan, Ü.K. (485) 193)

Self-administration, intravenous

Ethanol; (Mouse) (Blokhina, E.A. (485) 211)

Sensory-motor test

Cerebral ischemia; GHB (γ-hydroxybutyrate); Immunohistochemistry; (Rat); Spatial learning (Ottani, A. (485) 183)

SiHa

Allicin; Apoptosis; HeLa; SW480; L-929; Garlic (Oommen, S. (485) 97)

Sildenafil

T-0156; Phosphodiesterase type 5 inhibitor; Phosphodiesterase type 6; Penile tumescence; Electoretinogram (Mochida, H. (485) 283)

***S*-nitrosoglutathione**

Gastric fundus, mouse; Photorelaxation; Nitric oxide (NO); CuCl₂; Neocuproine; Cuprizone (Ögülcener, N. (485) 269)

Spatial learning

Cerebral ischemia; GHB (γ-hydroxybutyrate); Immunohistochemistry; (Rat); Sensory-motor test (Ottani, A. (485) 183)

Statin

Mesangial cell, rat; Interleukin 1-β; Cerivastatin; NO (nitric oxide); NO (nitric oxide) synthase, inducible; Cyclooxygenase-2 (Blume, C. (485) 1)

Stress-related behavior

CRF (corticotropin-releasing factor); CRF₁ receptor; Anxiety; Depression; R278995/CRA0450 (Chaki, S. (485) 145)

Striatum

Motor control; Glutamate; Dopamine (Del Bel, E.A. (485) 175)

Superoxide anion

Angiotensin II; Angiotensin AT_{1A} receptor; Angiotensin AT_{1B} receptor; Aorta; Heart (Rahman, M. (485) 243)

SW480

Allicin; Apoptosis; SiHa; HeLa; L-929; Garlic (Oommen, S. (485) 97)

Synchronization

Parkinson disease; Dystonia; Anti-epileptic drug (Bezard, E. (485) 159)

Synergy

GABA_A receptor complex; TBOB; Neuroactive steroid; Retigabine; Isobole method; Molecular model (van Rijn, C.M. (485) 43)

T-0156

Sildenafil; Phosphodiesterase type 5 inhibitor; Phosphodiesterase type 6; Penile tumescence; Electroretinogram (Mochida, H. (485) 283)

Tachykinin NK₁ receptor

Cough; CP-99994; (Dog) (Chapman, R.W. (485) 329)

TAK-802

Acetylcholinesterase inhibitor; Bladder; Micturition; (Rat); (Guinea pig) (Nagabukuro, H. (485) 299)

TBOB

GABA_A receptor complex; Neuroactive steroid; Retigabine; Synergy; Isobole method; Molecular model (van Rijn, C.M. (485) 43)

Thromboxane A₂

U46619; Prostanoid TP receptor; Uterus, pig; Contractility, spontaneous (Cao, J. (485) 317)

Time-domain analysis

Ethanol; Rilmenidine; α -Methyldopa; Hypotension; Hemodynamic variability (El-Mas, M.M. (485) 251)

Trafficking, agonist-directed

δ -Opioid receptor; Down-regulation (Navratilova, E. (485) 341)

U46619

Prostanoid TP receptor; Uterus, pig; Thromboxane A₂; Contractility, spontaneous (Cao, J. (485) 317)

Uterus, pig

U46619; Prostanoid TP receptor; Thromboxane A₂; Contractility, spontaneous (Cao, J. (485) 317)

Vanilloid VR1 receptor

Yohimbine; Na⁺ channel; Dorsal root ganglion; Action potential; Firing activity (Dessaint, J. (485) 11)

Vasopeptidase inhibition

Myocardial fibrosis; VIP (Vasopeptidase Intestinal Peptide); Angiotensin converting enzyme; Neutral endopeptidase; Cardiac failure (Ye, V.Z.C. (485) 235)

Vasopressin

Interleukin-1; Prostaglandin; Inflammation (Sigal, F.-B. (485) 53)

VEGF (vascular endothelial growth factor)

Angiogenesis; bFGF (basic fibroblast growth factor); Dexamethasone; Gastric ulcer; Prostaglandin E₂ (Luo, J.C. (485) 275)

VIP (vasoactive intestinal peptide) derivative

Binding activity; Chemical synthesis; CD (Circular dichroism); Helical structure; Relaxant activity (Onoue, S. (485) 307)

VIP (Vasopeptidase Intestinal Peptide)

Myocardial fibrosis; Vasopeptidase inhibition; Angiotensin converting enzyme; Neutral endopeptidase; Cardiac failure (Ye, V.Z.C. (485) 235)

Wogonin

Neuroprotection; Cortical neuron; Antioxidant; Excitotoxicity; Oxidative damage (Cho, J. (485) 105)

Y-27632

Endothelin-1; Mesenteric artery; Rho-kinase; Saponin (Büyükaşar, K. (485) 263)

Yohimbine

Na⁺ channel; Vanilloid VR1 receptor; Dorsal root ganglion; Action potential; Firing activity (Dessaint, J. (485) 11)