

Keyword index

Adaptive cytoprotection

Gastric preconditioning; Ischemia/reperfusion; Gastric blood flow; Prostaglandin; Cyclooxygenase; Nitric oxide (NO); Adenosine; CGRP (Calcitonin gene-related peptide) (Pajdo, R. (427) 263)

Adenosine

Glutamate; NMDA receptor; NMDA (*N*-methyl-D-aspartate); Presynaptic receptor (Nikbakht, M.-R. (427) 13)

Gastric preconditioning; Ischemia/reperfusion; Gastric blood flow; Prostaglandin; Cyclooxygenase; Nitric oxide (NO); CGRP (Calcitonin gene-related peptide); Adaptive cytoprotection (Pajdo, R. (427) 263)

β -Adrenoceptor

Isoprenaline; 17 β -Estradiol; Cytochrome P450; Aorta, rat (Yamaguchi, K. (427) 61)

Adrenomedullin

Platelet; TGF- β 1 (transforming growth factor- β 1); Latency-associated protein (Lang-Rollin, I. (427) 115)

Affinity

G protein; Agonist; Antagonist; Receptor crosstalk; Receptor binding assay (Lidow, M.S. (427) 187)

Agonist

G protein; Antagonist; Affinity; Receptor crosstalk; Receptor binding assay (Lidow, M.S. (427) 187)

Alcohol-related disorders

Heart rate; Electrocardiography; Fractal; Toxicology (Karimullah, K. (427) 227)

Amnion

Progesterone receptor; Progesterone withdrawal; Transfection; (Human) (Pieber, D. (427) 7)

Analgesia

Nitrous oxide; Opioid; Anesthesia; Fos immunoreactivity (Kingery, W.S. (427) 27)

Anandamide

Endocannabinoid; Nitric oxide (NO); Hypertension; L-*N*^G-nitro-L-arginine methyl ester (L-NAME); Mesenteric bed, rat (Mendizábal, V.E. (427) 251)

Anesthesia

Nitrous oxide; Opioid; Analgesia; Fos immunoreactivity (Kingery, W.S. (427) 27)

Animal model

Fenofibrate; Diabetic dyslipidemia; Insulin sensitivity (Wang, P.-R. (427) 285)

Antagonist

G protein; Agonist; Affinity; Receptor crosstalk; Receptor binding assay (Lidow, M.S. (427) 187)

Antidepressant

Imipramine; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C/2B} receptor; 5-HT_{2A} receptor; Forced swimming test; (Mouse) (Yamada, J. (427) 221)

Antinociceptive effect

Endomorphin; μ -Opioid receptor agonist; (Mouse) (Sakurada, S. (427) 203)

Aorta, rat

β -Adrenoceptor; Isoprenaline; 17 β -Estradiol; Cytochrome P450 (Yamaguchi, K. (427) 61)

Arrhythmias, ischaemic

Endothelin-1; Heart; Isolated; (Rat) (Sharif, I. (427) 235)

Arterial blood pressure

Pregnancy; Vasomotricity; Nitric oxide (NO); Prostanoid; Uterine artery (Boujedaini, N. (427) 143)

ATP

Cerebral ischemia; Dexamethasone; Glucocorticoid; (Gerbil) (Adachi, N. (427) 119)

Bronchial smooth muscle, intrapulmonary

Ca²⁺ sensitization; Rho; ROCK; Y-27632; β -Escin (Chiba, Y. (427) 77)

Ca²⁺

Vasopressin-(4–9); Vasopressin V_{1A} receptor; Spatial memory; Eight-arm radial maze; Scopolamine (Mishima, K. (427) 43)

Ca²⁺ channels

Docosahexaenoic acid; Smooth muscle cell, vascular; Ca²⁺ concentration, intracellular; Cardiovascular protection (Hirafuji, M. (427) 195)

Ca²⁺ concentration, intracellular

Docosahexaenoic acid; Smooth muscle cell, vascular; Ca²⁺ channels; Cardiovascular protection (Hirafuji, M. (427) 195)

Calphostin C

Dopamine; Dopamine D4 receptor; Protein kinase C; Phospholipid methylation; Folate metabolism; Chelerythrine (Sharma, A. (427) 83)

cAMP determination

Histamine H₂ receptor; Semliki Forest virus; [¹²⁵I]APT; Ranitidine; Cimetidine; Histamine; COS-7 cell (Hoffmann, M. (427) 105)

Capsaicin

CGRP (calcitonin gene-related peptide); Intestinal ischemic preconditioning; Ischemia–reperfusion; Nitric oxide (NO) (Xiao, L. (427) 131)

Cardiovascular protection

Docosahexaenoic acid; Smooth muscle cell, vascular; Ca^{2+} concentration, intracellular; Ca^{2+} channels (Hirafuji, M. (427) 195)

 Ca^{2+} sensitization

Bronchial smooth muscle, intrapulmonary; Rho; ROCK; Y-27632; β -Escin (Chiba, Y. (427) 77)

Caudal artery

Electrical stimulation; Male; Female; Nitric oxide; Prostanoid (Sanz, E. (427) 243)

Cerebral ischemia

ATP; Dexamethasone; Glucocorticoid; (Gerbil) (Adachi, N. (427) 119)

CGRP (calcitonin gene-related peptide)

Intestinal ischemic preconditioning; Ischemia–reperfusion; Capsaicin; Nitric oxide (NO) (Xiao, L. (427) 131)

CGRP, calcitonin gene-related peptide

Tolerance; Nitroglycerin; NO, nitric oxide; Rat (Zhou, Z.-H. (427) 137)

CGRP (Calcitonin gene-related peptide)

Gastric preconditioning; Ischemia/reperfusion; Gastric blood flow; Prostaglandin; Cyclooxygenase; Nitric oxide (NO); Adenosine; Adaptive cytoprotection (Pajdo, R. (427) 263)

Chelerythrine

Dopamine; Dopamine D4 receptor; Protein kinase C; Phospholipid methylation; Folate metabolism; Calphostin C (Sharma, A. (427) 83)

Chemokine

Inflammation; Intravital microscopy; Leukocyte; Microcirculation (Zhang, X.W. (427) 277)

Chondrogenesis

Mesenchymal cells; Micromass culture; Protein kinase C α ; p38 MAP (mitogen-activated protein) kinase; Rapamycin (Oh, C.-D. (427) 175)

Cimetidine

Histamine H_2 receptor; Semliki Forest virus; [^{125}I]APT; cAMP determination; Ranitidine; Histamine; COS-7 cell (Hoffmann, M. (427) 105)

Contraceptive, progestin

Levonorgestrel; Levonorgestrel metabolites; Oestrogen receptor α (Santillán, R. (427) 167)

Corticotropin-releasing factor (CRF)

Urocortin; Urotensin I; Food intake; (Chick) (Zhang, R. (427) 37)

COS-7 cell

Histamine H_2 receptor; Semliki Forest virus; [^{125}I]APT; cAMP determination; Ranitidine; Cimetidine; Histamine (Hoffmann, M. (427) 105)

Cyclooxygenase

Gastric preconditioning; Ischemia/reperfusion; Gastric blood flow; Prostaglandin; Nitric oxide (NO); Adenosine; CGRP (Calcitonin gene-related peptide); Adaptive cytoprotection (Pajdo, R. (427) 263)

Cytochrome P450

β -Adrenoceptor; Isoprenaline; 17 β -Estradiol; Aorta, rat (Yamaguchi, K. (427) 61)

Dexamethasone

ATP; Cerebral ischemia; Glucocorticoid; (Gerbil) (Adachi, N. (427) 119)

Diabetic dyslipidemia

Fenofibrate; Insulin sensitivity; Animal model (Wang, P.-R. (427) 285)

Docosahexaenoic acid

Smooth muscle cell, vascular; Ca^{2+} concentration, intracellular; Ca^{2+} channels; Cardiovascular protection (Hirafuji, M. (427) 195)

Dopamine

Dopamine D4 receptor; Protein kinase C; Phospholipid methylation; Folate metabolism; Chelerythrine; Calphostin C (Sharma, A. (427) 83)

Dopamine D₄ receptor

Striatum, rat (Colabufo, N.A. (427) 1)

Dopamine D4 receptor

Dopamine; Protein kinase C; Phospholipid methylation; Folate metabolism; Chelerythrine; Calphostin C (Sharma, A. (427) 83)

E3040

5-Lipoxygenase; Thromboxane synthase; Lipopolysaccharide (Oketani, K. (427) 159)

Eight-arm radial maze

Vasopressin-(4–9); Ca^{2+} ; Vasopressin $\text{V}_{1\text{A}}$ receptor; Spatial memory; Scopolamine (Mishima, K. (427) 43)

Electrical stimulation

Caudal artery; Male; Female; Nitric oxide; Prostanoid (Sanz, E. (427) 243)

Electrocardiography

Heart rate; Alcohol-related disorders; Fractal; Toxicology (Karimullah, K. (427) 227)

Endocannabinoid

Anandamide; Nitric oxide (NO); Hypertension; L- N^{G} -nitro-L-arginine methyl ester (L-NAME); Mesenteric bed, rat (Mendizábal, V.E. (427) 251)

Endomorphin

Antinociceptive effect; μ -Opioid receptor agonist; (Mouse) (Sakurada, S. (427) 203)

Endothelin-1

Arrhythmias, ischaemic; Heart; Isolated; (Rat) (Sharif, I. (427) 235)

 β -Escin

Bronchial smooth muscle, intrapulmonary; Ca^{2+} sensitization; Rho; ROCK; Y-27632 (Chiba, Y. (427) 77)

17 β -Estradiol

β -Adrenoceptor; Isoprenaline; Cytochrome P450; Aorta, rat (Yamaguchi, K. (427) 61)

Fasudil

Nitric oxide (NO); Remodeling; Hydroxyfasudil; Rho-kinase (Ikegaki, I. (427) 69)

Female

Caudal artery; Electrical stimulation; Male; Nitric oxide; Prostanoid (Sanz, E. (427) 243)

Fenofibrate

Diabetic dyslipidemia; Insulin sensitivity; Animal model (Wang, P.-R. (427) 285)

Folate metabolism

Dopamine; Dopamine D4 receptor; Protein kinase C; Phospholipid methylation; Chelerythrine; Calphostin C (Sharma, A. (427) 83)

Food intake

Urocortin; Urotensin I; Corticotropin-releasing factor (CRF); (Chick) (Zhang, R. (427) 37)

Food intake, chick

Neuropeptide Y; Intracerebroventricular injection (Ando, R. (427) 53)

Forced swimming test

Imipramine; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C/2B} receptor; 5-HT_{2A} receptor; Antidepressant; (Mouse) (Yamada, J. (427) 221)

Fos immunoreactivity

Nitrous oxide; Opioid; Analgesia; Anesthesia (Kingery, W.S. (427) 27)

Fractal

Heart rate; Electrocardiography; Alcohol-related disorders; Toxicology (Karimullah, K. (427) 227)

Gastric blood flow

Gastric preconditioning; Ischemia/reperfusion; Prostaglandin; Cyclooxygenase; Nitric oxide (NO); Adenosine; CGRP (Calcitonin gene-related peptide); Adaptive cytoprotection (Pajdo, R. (427) 263)

Gastric preconditioning

Ischemia/reperfusion; Gastric blood flow; Prostaglandin; Cyclooxygenase; Nitric oxide (NO); Adenosine; CGRP (Calcitonin gene-related peptide); Adaptive cytoprotection (Pajdo, R. (427) 263)

Glucocorticoid

ATP; Cerebral ischemia; Dexamethasone; (Gerbil) (Adachi, N. (427) 119)

Glutamate

Adenosine; NMDA receptor; NMDA (*N*-methyl-D-aspartate); Presynaptic receptor (Nikbakht, M.-R. (427) 13)

Glutamate carboxypeptidase

[³H]2-(phosphonomethyl) pentanedioic acid ([³H]2-PMPA); Glutamate carboxypeptidase II (NAALADase); *N*-acetylaspartylglutamate (NAAG); Prostate specific membrane antigen (Tiffany, C.W. (427) 91)

Glutamate carboxypeptidase II (NAALADase)

Glutamate carboxypeptidase; [³H]2-(phosphonomethyl) pentanedioic acid ([³H]2-PMPA); *N*-acetylaspartylglutamate (NAAG); Prostate specific membrane antigen (Tiffany, C.W. (427) 91)

G protein

Agonist; Antagonist; Affinity; Receptor crosstalk; Receptor binding assay (Lidow, M.S. (427) 187)

Heart

Endothelin-1; Arrhythmias, ischaemic; Isolated; (Rat) (Sharif, I. (427) 235)

Heart rate

Electrocardiography; Alcohol-related disorders; Fractal; Toxicology (Karimullah, K. (427) 227)

Histamine

Histamine H₂ receptor; Semliki Forest virus; [¹²⁵I]APT; cAMP determination; Ranitidine; Cimetidine; COS-7 cell (Hoffmann, M. (427) 105)

Histamine H₂ receptor

Semliki Forest virus; [¹²⁵I]APT; cAMP determination; Ranitidine; Cimetidine; Histamine; COS-7 cell (Hoffmann, M. (427) 105)

[³H]2-(phosphonomethyl) pentanedioic acid ([³H]2-PMPA)

Glutamate carboxypeptidase; Glutamate carboxypeptidase II (NAALADase); *N*-acetylaspartylglutamate (NAAG); Prostate specific membrane antigen (Tiffany, C.W. (427) 91)

5-HT (5-hydroxytryptamine, serotonin)

Imipramine; 5-HT_{2C/2B} receptor; 5-HT_{2A} receptor; Forced swimming test; Antidepressant; (Mouse) (Yamada, J. (427) 221)

5-HT_{1D} receptor

Spinal reflex; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); 5-HT₇ receptor (Honda, M. (427) 125)

5-HT₇ receptor

Spinal reflex; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); 5-HT_{1D} receptor (Honda, M. (427) 125)

5-HT_{2C/2B} receptor

Imipramine; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor; Forced swimming test; Antidepressant; (Mouse) (Yamada, J. (427) 221)

5-HT_{2A} receptor

Imipramine; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C/2B} receptor; Forced swimming test; Antidepressant; (Mouse) (Yamada, J. (427) 221)

Hydroxyfasudil

Nitric oxide (NO); Remodeling; Fasudil; Rho-kinase (Ikegaki, I. (427) 69)

Hypertension

Endocannabinoid; Anandamide; Nitric oxide (NO); *L-N*^G-nitro-L-arginine methyl ester (*L*-NAME); Mesenteric bed, rat (Mendizábal, V.E. (427) 251)

[¹²⁵I]APT

Histamine H₂ receptor; Semliki Forest virus; cAMP determination; Ranitidine; Cimetidine; Histamine; COS-7 cell (Hoffmann, M. (427) 105)

Imipramine

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C/2B} receptor; 5-HT_{2A} receptor; Forced swimming test; Antidepressant; (Mouse) (Yamada, J. (427) 221)

Inflammation

Chemokine; Intravital microscopy; Leukocyte; Microcirculation (Zhang, X.W. (427) 277)

Insulinotropic agent

Nateglinide; Pancreatic β-cell (Hu, S. (427) 97)

Insulin sensitivity

Fenofibrate; Diabetic dyslipidemia; Animal model (Wang, P.-R. (427) 285)

Intestinal ischemic preconditioning

CGRP (calcitonin gene-related peptide); Ischemia-reperfusion; Capsaicin; Nitric oxide (NO) (Xiao, L. (427) 131)

Intracerebroventricular injection

Neuropeptide Y; Food intake, chick (Ando, R. (427) 53)

Intravital microscopy

Chemokine; Inflammation; Leukocyte; Microcirculation (Zhang, X.W. (427) 277)

Ischemia–reperfusion

CGRP (calcitonin gene-related peptide); Intestinal ischemic preconditioning; Capsaicin; Nitric oxide (NO) (Xiao, L. (427) 131)

Ischemia / reperfusion

Gastric preconditioning; Gastric blood flow; Prostaglandin; Cyclooxygenase; Nitric oxide (NO); Adenosine; CGRP (Calcitonin gene-related peptide); Adaptive cytoprotection (Pajdo, R. (427) 263)

Isolated

Endothelin-1; Arrhythmias, ischaemic; Heart; (Rat) (Sharif, I. (427) 235)

Isoprenaline

β -Adrenoceptor; 17 β -Estradiol; Cytochrome P450; Aorta, rat (Yamaguchi, K. (427) 61)

Latency-associated protein

Adrenomedullin; Platelet; TGF- β 1 (transforming growth factor- β 1) (Lang-Rollin, I. (427) 115)

Leukocyte

Chemokine; Inflammation; Intravital microscopy; Microcirculation (Zhang, X.W. (427) 277)

Levonorgestrel

Contraceptive, progestin; Levonorgestrel metabolites; Oestrogen receptor α (Santillán, R. (427) 167)

Levonorgestrel metabolites

Contraceptive, progestin; Levonorgestrel; Oestrogen receptor α (Santillán, R. (427) 167)

Lipopolysaccharide

E3040; 5-Lipoxygenase; Thromboxane synthase (Oketani, K. (427) 159)

5-Lipoxygenase

E3040; Thromboxane synthase; Lipopolysaccharide (Oketani, K. (427) 159)

Male

Caudal artery; Electrical stimulation; Female; Nitric oxide; Prostanoid (Sanz, E. (427) 243)

MCP-1 (monocyte chemoattractant protein-1)

Tranilast; Mesangial cell; NF- κ B (nuclear factor- κ B) (Chikaraishi, A. (427) 151)

Mesangial cell

MCP-1 (monocyte chemoattractant protein-1); Tranilast; NF- κ B (nuclear factor- κ B) (Chikaraishi, A. (427) 151)

Mesenchymal cells

Chondrogenesis; Micromass culture; Protein kinase C α ; p38 MAP (mitogen-activated protein) kinase; Rapamycin (Oh, C.-D. (427) 175)

Mesenteric bed, rat

Endocannabinoid; Anandamide; Nitric oxide (NO); Hypertension; L- N^G -nitro-L-arginine methyl ester (L-NAME) (Mendizábal, V.E. (427) 251)

Microcirculation

Chemokine; Inflammation; Intravital microscopy; Leukocyte (Zhang, X.W. (427) 277)

Microdialysis, in vivo

σ_1 Receptor ligand; MS-377; Phencyclidine; Prefrontal cortex, medial (Takahashi, S. (427) 211)

Micromass culture

Chondrogenesis; Mesenchymal cells; Protein kinase C α ; p38 MAP (mitogen-activated protein) kinase; Rapamycin (Oh, C.-D. (427) 175)

MS-377

σ_1 Receptor ligand; Phencyclidine; Microdialysis, in vivo; Prefrontal cortex, medial (Takahashi, S. (427) 211)

N-acetylaspartylglutamate (NAAG)

Glutamate carboxypeptidase; [3 H]2-(phosphonomethyl) pentanedioic acid ([3 H]2-PMPA); Glutamate carboxypeptidase II (NAALADase); Prostate specific membrane antigen (Tiffany, C.W. (427) 91)

L- N^G -nitro-L-arginine methyl ester (L-NAME)

Endocannabinoid; Anandamide; Nitric oxide (NO); Hypertension; Mesenteric bed, rat (Mendizábal, V.E. (427) 251)

Nateglinide

Insulinotropic agent; Pancreatic β -cell (Hu, S. (427) 97)

Neuropeptide Y

Intracerebroventricular injection; Food intake, chick (Ando, R. (427) 53)

NF- κ B (nuclear factor- κ B)

MCP-1 (monocyte chemoattractant protein-1); Tranilast; Mesangial cell (Chikaraishi, A. (427) 151)

Nitric oxide

Caudal artery; Electrical stimulation; Male; Female; Prostanoid (Sanz, E. (427) 243)

Nitric oxide (NO)

Remodeling; Fasudil; Hydroxyfasudil; Rho-kinase (Ikegaki, I. (427) 69)

CGRP (calcitonin gene-related peptide); Intestinal ischemic preconditioning; Ischemia–reperfusion; Capsaicin (Xiao, L. (427) 131)

Pregnancy; Vasomotricity; Prostanoid; Uterine artery; Arterial blood pressure (Boujedaini, N. (427) 143)

Endocannabinoid; Anandamide; Hypertension; L- N^G -nitro-L-arginine methyl ester (L-NAME); Mesenteric bed, rat (Mendizábal, V.E. (427) 251)

Gastric preconditioning; Ischemia/reperfusion; Gastric blood flow; Prostaglandin; Cyclooxygenase; Adenosine; CGRP (Calcitonin gene-related peptide); Adaptive cytoprotection (Pajdo, R. (427) 263)

Nitroglycerin

Tolerance; CGRP, calcitonin gene-related peptide; NO, nitric oxide; Rat (Zhou, Z.-H. (427) 137)

Nitrous oxide

Opioid; Analgesia; Anesthesia; Fos immunoreactivity (Kingerly, W.S. (427) 27)

NMDA (N-methyl-D-aspartate)

Adenosine; Glutamate; NMDA receptor; Presynaptic receptor (Nikbakht, M.-R. (427) 13)

NMDA receptor

Adenosine; Glutamate; NMDA (N-methyl-D-aspartate); Presynaptic receptor (Nikbakht, M.-R. (427) 13)

NO, nitric oxide

Tolerance; Nitroglycerin; CGRP, calcitonin gene-related peptide; Rat (Zhou, Z.-H. (427) 137)

Oestrogen receptor α

Contraceptive, progestin; Levonorgestrel; Levonorgestrel metabolites (Santillán, R. (427) 167)

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

Spinal reflex; 5-HT₇ receptor; 5-HT_{1D} receptor (Honda, M. (427) 125)

Opioid

Nitrous oxide; Analgesia; Anesthesia; Fos immunoreactivity (Kingery, W.S. (427) 27)

 μ -Opioid receptor agonist

Endomorphin; Antinociceptive effect; (Mouse) (Sakurada, S. (427) 203)

Pancreatic β -cell

Nateglinide; Insulinotropic agent (Hu, S. (427) 97)

Phencyclidine

σ_1 Receptor ligand; MS-377; Microdialysis, in vivo; Prefrontal cortex, medial (Takahashi, S. (427) 211)

Phospholipid methylation

Dopamine; Dopamine D4 receptor; Protein kinase C; Folate metabolism; Chelerythrine; Calphostin C (Sharma, A. (427) 83)

Platelet

Adrenomedullin; TGF- β 1 (transforming growth factor- β 1); Latency-associated protein (Lang-Rollin, I. (427) 115)

p38 MAP (mitogen-activated protein) kinase

Chondrogenesis; Mesenchymal cells; Micromass culture; Protein kinase C α ; Rapamycin (Oh, C.-D. (427) 175)

Prefrontal cortex, medial

σ_1 Receptor ligand; MS-377; Phencyclidine; Microdialysis, in vivo (Takahashi, S. (427) 211)

Pregnancy

Vasomotricity; Nitric oxide (NO); Prostanoid; Uterine artery; Arterial blood pressure (Boujedaini, N. (427) 143)

Presynaptic receptor

Adenosine; Glutamate; NMDA receptor; NMDA (*N*-methyl-D-aspartate) (Nikbakht, M.-R. (427) 13)

Progesterone receptor

Progesterone withdrawal; Amnion; Transfection; (Human) (Pieber, D. (427) 7)

Progesterone withdrawal

Progesterone receptor; Amnion; Transfection; (Human) (Pieber, D. (427) 7)

Prostaglandin

Gastric preconditioning; Ischemia/reperfusion; Gastric blood flow; Cyclooxygenase; Nitric oxide (NO); Adenosine; CGRP (Calcitonin gene-related peptide); Adaptive cytoprotection (Pajdo, R. (427) 263)

Prostanoid

Pregnancy; Vasomotricity; Nitric oxide (NO); Uterine artery; Arterial blood pressure (Boujedaini, N. (427) 143)

Caudal artery; Electrical stimulation; Male; Female; Nitric oxide (Sanz, E. (427) 243)

Prostate specific membrane antigen

Glutamate carboxypeptidase; [³H]2-(phosphonomethyl) pentanedioic acid ([³H]2-PMPA); Glutamate carboxypeptidase II (NAALADase); *N*-acetylaspartylglutamate (NAAG) (Tiffany, C.W. (427) 91)

Protein kinase C

Dopamine; Dopamine D4 receptor; Phospholipid methylation; Folate metabolism; Chelerythrine; Calphostin C (Sharma, A. (427) 83)

Protein kinase C α

Chondrogenesis; Mesenchymal cells; Micromass culture; p38 MAP (mitogen-activated protein) kinase; Rapamycin (Oh, C.-D. (427) 175)

Ranitidine

Histamine H₂ receptor; Semliki Forest virus; [¹²⁵I]APT; cAMP determination; Cimetidine; Histamine; COS-7 cell (Hoffmann, M. (427) 105)

Rapamycin

Chondrogenesis; Mesenchymal cells; Micromass culture; Protein kinase C α ; p38 MAP (mitogen-activated protein) kinase (Oh, C.-D. (427) 175)

Rat

Tolerance; Nitroglycerin; CGRP, calcitonin gene-related peptide; NO, nitric oxide (Zhou, Z.-H. (427) 137)

Receptor binding assay

G protein; Agonist; Antagonist; Affinity; Receptor crosstalk (Lidow, M.S. (427) 187)

Receptor crosstalk

G protein; Agonist; Antagonist; Affinity; Receptor binding assay (Lidow, M.S. (427) 187)

 σ_1 Receptor ligand

MS-377; Phencyclidine; Microdialysis, in vivo; Prefrontal cortex, medial (Takahashi, S. (427) 211)

Remodeling

Nitric oxide (NO); Fasudil; Hydroxyfasudil; Rho-kinase (Ikegaki, I. (427) 69)

Rho

Bronchial smooth muscle, intrapulmonary; Ca²⁺ sensitization; ROCK; Y-27632; β -Escin (Chiba, Y. (427) 77)

Rho-kinase

Nitric oxide (NO); Remodeling; Fasudil; Hydroxyfasudil (Ikegaki, I. (427) 69)

ROCK

Bronchial smooth muscle, intrapulmonary; Ca²⁺ sensitization; Rho; Y-27632; β -Escin (Chiba, Y. (427) 77)

Scopolamine

Vasopressin-(4–9); Ca²⁺; Vasopressin V_{1A} receptor; Spatial memory; Eight-arm radial maze (Mishima, K. (427) 43)

Semliki Forest virus

Histamine H₂ receptor; [¹²⁵I]APT; cAMP determination; Ranitidine; Cimetidine; Histamine; COS-7 cell (Hoffmann, M. (427) 105)

Smooth muscle cell, vascular

Docosahexaenoic acid; Ca²⁺ concentration, intracellular; Ca²⁺ channels; Cardiovascular protection (Hirafuji, M. (427) 195)

Spatial memory

Vasopressin-(4–9); Ca²⁺; Vasopressin V_{1A} receptor; Eight-arm radial maze; Scopolamine (Mishima, K. (427) 43)

Spinal reflex

8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); 5-HT₇ receptor;
5-HT_{1D} receptor (Honda, M. (427) 125)

Striatum, rat

Dopamine D₄ receptor (Colabufo, N.A. (427) 1)

TGF- β 1 (transforming growth factor- β 1)

Adrenomedullin; Platelet; Latency-associated protein (Lang-Rollin, I. (427) 115)

Thromboxane synthase

E3040; 5-Lipoxygenase; Lipopolysaccharide (Oketani, K. (427) 159)

Tolerance

Nitroglycerin; CGRP, calcitonin gene-related peptide; NO, nitric oxide;
Rat (Zhou, Z.-H. (427) 137)

Toxicology

Heart rate; Electrocardiography; Alcohol-related disorders; Fractal
(Karimullah, K. (427) 227)

Tranilast

MCP-1 (monocyte chemoattractant protein-1); Mesangial cell; NF- κ B
(nuclear factor- κ B) (Chikaraishi, A. (427) 151)

Transfection

Progesterone receptor; Progesterone withdrawal; Amnion; (Human)
(Pieber, D. (427) 7)

Urocortin

Urotensin I; Corticotropin-releasing factor (CRF); Food intake; (Chick)
(Zhang, R. (427) 37)

Urotensin I

Urocortin; Corticotropin-releasing factor (CRF); Food intake; (Chick)
(Zhang, R. (427) 37)

Uterine artery

Pregnancy; Vasomotricity; Nitric oxide (NO); Prostanoid; Arterial blood
pressure (Boujedaini, N. (427) 143)

Vasomotricity

Pregnancy; Nitric oxide (NO); Prostanoid; Uterine artery; Arterial blood
pressure (Boujedaini, N. (427) 143)

Vasopressin-(4–9)

Ca²⁺; Vasopressin V_{1A} receptor; Spatial memory; Eight-arm radial maze;
Scopolamine (Mishima, K. (427) 43)

Vasopressin V_{1A} receptor

Vasopressin-(4–9); Ca²⁺; Spatial memory; Eight-arm radial maze;
Scopolamine (Mishima, K. (427) 43)

Y-27632

Bronchial smooth muscle, intrapulmonary; Ca²⁺ sensitization; Rho;
ROCK; β -Escin (Chiba, Y. (427) 77)