

Keyword index

Acetylcholine

K⁺ channel blocker; Uterine artery; Endothelium; Nitric oxide (NO) (Jovanović, A. (280) 95)

Adenosine 5'-triphosphate

P₁ purinoceptor; P_{2Y} purinoceptor; Taenia caeci, guinea-pig; Suramin; PPADS (pyridoxalphosphate-6-azophenyl-2',4'-disulphonic acid) (Piper, A.S. (280) 125)

α -Adrenoceptor

4-Aminopyridine; Contraction, phasic; K⁺ channel; Caudal epididymis, rat (Huang, Y. (280) 231)

β -Adrenoceptor

Chronic variate stress; Foot-shock stress, acute; 5-HT_{1A} receptor; 5-HT₂ receptor; Amitriptyline; Open-field; Brain cortex, rat (Ferretti, C. (280) 19)

Adrenoceptor subtype

Blood vessel; Denopamine (Fujimoto, S. (280) 143)

Adrenomedullin

Kidney, rat; CGRP receptor; Anesthetized rat (Haynes, J.M. (280) 91)

Airflow obstruction

Bradykinin; Thromboxane; WEB2086; ICI192,605; OKY-046 (Kawikova, I. (280) 293)

Alpidem-insensitive site

Benzodiazepine; Receptor binding; Spinal cord (Maguire, P.A. (280) 167)

4-Aminopyridine

α -Adrenoceptor; Contraction, phasic; K⁺ channel; Caudal epididymis, rat (Huang, Y. (280) 231)

Amitriptyline

Chronic variate stress; Foot-shock stress, acute; β -Adrenoceptor; 5-HT_{1A} receptor; 5-HT₂ receptor; Open-field; Brain cortex, rat (Ferretti, C. (280) 19)

cAMP

Butein; EDRF (endothelium-derived relaxing factor); Phosphodiesterase; cGMP; Thoracic aorta, rat (Yu, S.-M. (280) 69)

Anesthetized rat

Adrenomedullin; Kidney, rat; CGRP receptor (Haynes, J.M. (280) 91)

Angiotensin II

Cardiac hypertrophy; Volume overload; Losartan; Endothelin-1; FR139317 (Ishiye, M. (280) 11)

LR-B/081; Smooth muscle cell; Inositol trisphosphate; Prostaglandin; Hypertrophy (Catalioto, R.-M. (280) 285)

Angiotensin AT₁ receptor antagonist

Captopril; Angiotensin converting enzyme inhibitor; Renal function; (Anesthetized dog) (Clark, K.L. (280) 195)

Angiotensin converting enzyme inhibitor

Angiotensin AT₁ receptor antagonist; Captopril; Renal function; (Anesthetized dog) (Clark, K.L. (280) 195)

Animal model

Anxiety; Buspirone; Diazepam; One-way avoidance; Successive negative contrast (Torres, C. (280) 277)

Antidepressant activity

5-HT_{1A} receptor; MKC-242 (5-[3-(((2S)-1,4-benzodioxan-2-ylmethyl)-amino]propoxy)-1,3-benzodioxole); Forced swimming test; (Mouse) (Matsuda, T. (280) 235)

Antigen challenge

CRF (corticotropin-releasing factor); CP 99,994; Plasma extravasation; Neurogenic inflammation, guinea pig; Substance P (Yoshihara, S. (280) 113)

Antinociception

TAN-67; δ -Opioid receptor; 7-Benzylidenenaltrexone; Naltriben diabetes (Kamei, J. (280) 347)

Antipsychotic

Dopamine D₃ receptor; Core temperature; Thermoregulation; Clozapine (Millan, M.J. (280) 225)

Anxiety

5-HT_{1A} receptor; Corticosterone; Glucose; Prolactin; Flesinoxan; Defensive burying (Groenink, L. (280) 185)

Animal model; Buspirone; Diazepam; One-way avoidance; Successive negative contrast (Torres, C. (280) 277)

Aorta, rat

Sulfonylurea; Prostanoid; Prostaglandin F_{2 α} ; Glibenclamide; Tolbutamide; Thromboxane A₂ (Delaey, C. (280) 179)

Aortic ring

Ca²⁺ channel; Pregnancy; Vasoconstriction; Nifedipine; Bay K 8644 (Roy, B. (280) 1)

Apomorphine

Sexual satiety; Mating; Dopamine (Mas, M. (280) 331)

Arginine vasopressin

Uterine artery; Pregnancy; Vasopressin receptor; (Guinea-pig) (Jovanović, A. (280) 101)

Astrocyte

Imidazoline; Imidazoline receptor; GFAP (glial fibrillary acidic protein); [³H]Idazoxan (Alemany, R. (280) 205)

Autoradiography

[³H]Sumatriptan; Trigeminal nucleus caudalis; Nucleus tractus solitarius; (Cat) (Mills, A. (280) 175)

Bay K 8644

Ca²⁺ channel; Pregnancy; Vasoconstriction; Aortic ring; Nifedipine (Roy, B. (280) 1)

Benzodiazepine

Receptor binding; Spinal cord; Alpidem-insensitive site (Maguire, P.A. (280) 167)

Benzoic acid

Endocrine pancreas; Insulin; Glucagon; Ruminant; (Sheep) (Mineo, H. (280) 149)

7-Benzylidenenaltrexone

TAN-67; Antinociception; δ -Opioid receptor; Nalttriben diabetes (Kamei, J. (280) 347)

BK_{Ca} channel

NS 1619; Niflumic acid; Motor cortex (Lee, K. (280) 215)

Blood pressure

Ventrolateral medulla; Glutamate receptor; L-Glutamate uptake inhibitor; Respiratory function; Excitatory amino acid receptor antagonist; Heart rate (McManigle, J.E. (280) 257)

Blood vessel

Adrenoceptor subtype; Denopamine (Fujimoto, S. (280) 143)

Bradykinin

Thromboxane; Airflow obstruction; WEB2086; ICI192,605; OKY-046 (Kawikova, I. (280) 293)

Brain cortex, rat

Chronic variate stress; Foot-shock stress, acute; β -Adrenoceptor; 5-HT_{1A} receptor; 5-HT₂ receptor; Amitriptyline; Open-field (Ferretti, C. (280) 19)

Brain, rat

δ -Opioid receptor; TIPP (H-Tyr-Tic-Phe-Phe-OH); [Tyr(3'-I)¹]TIPP; N4TG1 cell; Vas deferens, mouse (Lee, P.H.K. (280) 211)

Buspirone

Animal model; Anxiety; Diazepam; One-way avoidance; Successive negative contrast (Torres, C. (280) 277)

Butein

EDRF (endothelium-derived relaxing factor); Phosphodiesterase; cAMP; cGMP; Thoracic aorta, rat (Yu, S.-M. (280) 69)

Ca²⁺

Ca²⁺ channel antagonist; SR 33805; Smooth muscle cell; Proliferation (Dol, F. (280) 135)

Ca²⁺ channel antagonist; Ro 40-5967; Verapamil; 1,4-Dihydropyridine; Diltiazem; SR 33557 (Rutledge, A. (280) 155)

Genistein; Erbstatin analog (Helmeste, D.M. (280) R5)

Ca²⁺ channel

Pregnancy; Vasoconstriction; Aortic ring; Nifedipine; Bay K 8644 (Roy, B. (280) 1)

Skin, toad; Diazepam; Tolerance (Norris, B. (280) 221)

Ca²⁺ channel antagonist

Ca²⁺; SR 33805; Smooth muscle cell; Proliferation (Dol, F. (280) 135)

Ca²⁺; Ro 40-5967; Verapamil; 1,4-Dihydropyridine; Diltiazem; SR 33557 (Rutledge, A. (280) 155)

CA3 neuron

Spontaneously epileptic rat (SER); Hippocampus; Ca²⁺ spike; Nicardipine (Momiyama, T. (280) 119)

Capsaicin

Nitric oxide (NO); Endotoxin; Gastric damage; Gastric defense; Stress (Barrachina, M.D. (280) 339)

Captopril

Angiotensin AT₁ receptor antagonist; Angiotensin converting enzyme inhibitor; Renal function; (Anesthetized dog) (Clark, K.L. (280) 195)

Cardiac hypertrophy

Volume overload; Losartan; Angiotensin II; Endothelin-1; FR139317 (Ishiyue, M. (280) 11)

Cardiovascular

Non-steroidal anti-inflammatory drug; Nitric oxide (NO); Endotoxic shock, acute; Gastrointestinal; Ulcer; Prostaglandin (Wallace, J.L. (280) 63)

Ca²⁺ spike

Spontaneously epileptic rat (SER); Hippocampus; CA3 neuron; Nicardipine (Momiyama, T. (280) 119)

Caudal epididymis, rat

4-Aminopyridine; α -Adrenoceptor; Contraction, phasic; K⁺ channel (Huang, Y. (280) 231)

CGP 37849

Working memory; Reference memory; NMDA receptor (Deacon, R.M.J. (280) 239)

CGRP receptor

Adrenomedullin; Kidney, rat; Anesthetized rat (Haynes, J.M. (280) 91)

Chronic variate stress

Foot-shock stress, acute; β -Adrenoceptor; 5-HT_{1A} receptor; 5-HT₂ receptor; Amitriptyline; Open-field; Brain cortex, rat (Ferretti, C. (280) 19)

Clozapine

Dopamine D₃ receptor; Core temperature; Thermoregulation; Antipsychotic (Millan, M.J. (280) 225)

5-HT_{2A} receptor; Phencyclidine (Maurel-Remy, S. (280) R9)

Cocaine

Naltrindole; Enkephalin; δ -Opioid receptor; Cocaine-induced sensitization (Shippenberg, T.S. (280) 55)

Cocaine-induced sensitization

Cocaine; Naltrindole; Enkephalin; δ -Opioid receptor (Shippenberg, T.S. (280) 55)

Conditioned place preference

Morphine; Diazepam; (Mouse) (Suzuki, T. (280) 327)

Contraction, phasic

4-Aminopyridine; α -Adrenoceptor; K⁺ channel; Caudal epididymis, rat (Huang, Y. (280) 231)

Core temperature

Dopamine D₃ receptor; Thermoregulation; Clozapine; Antipsychotic (Millan, M.J. (280) 225)

Corticosterone

5-HT_{1A} receptor; Glucose; Prolactin; Flesinoxan; Defensive burying; Anxiety (Groenink, L. (280) 185)

CP 99,994

CRF (corticotropin-releasing factor); Plasma extravasation; Antigen challenge; Neurogenic inflammation, guinea pig; Substance P (Yoshihara, S. (280) 113)

CRF (corticotropin-releasing factor)

CP 99,994; Plasma extravasation; Antigen challenge; Neurogenic inflammation, guinea pig; Substance P (Yoshihara, S. (280) 113)

Cultured neuron

Neurotoxicity; Excitatory amino acid; Glutamate; Glutamate receptor subtype; Motoneuron (Estevez, A.G. (280) 47)

Cyclic nucleotide

Pulmonary vein, sheep; Vasodilatation; 5-HT (5-hydroxytryptamine, serotonin); Endothelium (Zhang, L. (280) 335)

Defensive burying

5-HT_{1A} receptor; Corticosterone; Glucose; Prolactin; Flesinoxan; Anxiety (Groenink, L. (280) 185)

Denopamine

Adrenoceptor subtype; Blood vessel (Fujimoto, S. (280) 143)

2-Deoxy-D-glucose

Insulin secretion; Glucagon secretion; Neuroglycopenia; Nitric oxide (NO); Nitric oxide synthase; N^G-Nitro-L-arginine methyl ester; N^G-Nitro-L-arginine; (Mouse) (Ahrén, B. (280) 27)

Dextromethorphan

Reserpine; Motor behavior; Dopamine D₁ receptor; Dopamine D₂ receptor; L-DOPA (L-3,4-dihydroxyphenylalanine); (Mouse) (Kaur, S. (280) 159)

Diazepam

Skin, toad; Tolerance; Ca²⁺ channel (Norris, B. (280) 221)

Animal model; Anxiety; Buspirone; One-way avoidance; Successive negative contrast (Torres, C. (280) 277)

Morphine; Conditioned place preference; (Mouse) (Suzuki, T. (280) 327)

Dihydro-β-erythroidine

Nicotinic acetylcholine receptor antagonist; Erysodine; Pharmacokinetics (Decker, M.W. (280) 79)

1,4-Dihydropyridine

Ca²⁺; Ca²⁺ channel antagonist; Ro 40-5967; Verapamil; Diltiazem; SR 33557 (Rutledge, A. (280) 155)

Diltiazem

Ca²⁺; Ca²⁺ channel antagonist; Ro 40-5967; Verapamil; 1,4-Dihydropyridine; SR 33557 (Rutledge, A. (280) 155)

L-DOPA (L-3,4-dihydroxyphenylalanine)

Reserpine; Motor behavior; Dextromethorphan; Dopamine D₁ receptor; Dopamine D₂ receptor; (Mouse) (Kaur, S. (280) 159)

Dopamine

Sexual satiety; Mating; Apomorphine (Mas, M. (280) 331)

Dopamine metabolism

Glycine; NMDA (N-methyl-D-aspartate); Schizophrenia; Stereotypy (Kretschmer, B.D. (280) 37)

Dopamine D₁ receptor

Reserpine; Motor behavior; Dextromethorphan; Dopamine D₂ receptor; L-DOPA (L-3,4-dihydroxyphenylalanine); (Mouse) (Kaur, S. (280) 159)

Dopamine D₂ receptor

Reserpine; Motor behavior; Dextromethorphan; Dopamine D₁ receptor; L-DOPA (L-3,4-dihydroxyphenylalanine); (Mouse) (Kaur, S. (280) 159)

Dopamine D₃ receptor

Core temperature; Thermoregulation; Clozapine; Antipsychotic (Millan, M.J. (280) 225)

Dopamine release

MPP⁺ (1-methyl-4-phenylpyridinium); Rotenone; Striatum; Substantia nigra; (Rat) (Santiago, M. (280) 251)

DTG (di-*o*-tolylguanidine)

Dystonia; Haloperidol; σ Receptor; Red nucleus (Matsumoto, R.R. (280) 301)

Dystonia

Haloperidol; σ Receptor; Red nucleus; DTG (di-*o*-tolylguanidine) (Matsumoto, R.R. (280) 301)

Ecstasy

MDMA (3,4-methylenedioxymethamphetamine); Neurodegeneration; PBN (α-phenyl-N-tert-butyl nitron); Neuroprotection; Free radical (Colado, M.I. (280) 343)

EDRF (endothelium-derived relaxing factor)

Butein; Phosphodiesterase; cAMP; cGMP; Thoracic aorta, rat (Yu, S.-M. (280) 69)

Endocrine pancreas

Benzoic acid; Insulin; Glucagon; Ruminant; (Sheep) (Mineo, H. (280) 149)

Endothelin-1

Cardiac hypertrophy; Volume overload; Losartan; Angiotensin II; FR139317 (Ishiy, M. (280) 11)

Endothelin ET_A receptor; Nitric oxide (NO); FR139317; Nitro-L-arginine; Hypertension; (Rat) (Fujita, K. (280) 311)

Endothelin ET_A receptor

Endothelin-1; Nitric oxide (NO); FR139317; Nitro-L-arginine; Hypertension; (Rat) (Fujita, K. (280) 311)

Endothelium

K⁺ channel blocker; Acetylcholine; Uterine artery; Nitric oxide (NO) (Jovanović, A. (280) 95)

Pulmonary vein, sheep; Vasodilatation; 5-HT (5-hydroxytryptamine, serotonin); Cyclic nucleotide (Zhang, L. (280) 335)

Endotoxic shock, acute

Non-steroidal anti-inflammatory drug; Nitric oxide (NO); Gastrointestinal; Ulcer; Prostaglandin; Cardiovascular (Wallace, J.L. (280) 63)

Endotoxin

Nitric oxide (NO); Capsaicin; Gastric damage; Gastric defense; Stress (Barrachina, M.D. (280) 339)

Enkephalin

Cocaine; Naltrexone; δ -Opioid receptor; Cocaine-induced sensitization (Shippenberg, T.S. (280) 55)

Epithelium

K⁺ channel opener; Trachea; Submucosal gland (Griffin, A. (280) 317)

Erbstatin analog

Genistein; Ca²⁺ (Helmeite, D.M. (280) R5)

Erysodine

Nicotinic acetylcholine receptor antagonist; Dihydro- β -erythroidine; Pharmacokinetics (Decker, M.W. (280) 79)

Excitatory amino acid

Neurotoxicity; Glutamate; Glutamate receptor subtype; Motoneuron; Cultured neuron (Estevez, A.G. (280) 47)

Excitatory amino acid receptor antagonist

Ventrolateral medulla; Glutamate receptor; L-Glutamate uptake inhibitor; Respiratory function; Blood pressure; Heart rate (McManigle, J.E. (280) 257)

Flesinoxan

5-HT_{1A} receptor; Corticosterone; Glucose; Prolactin; Defensive burying; Anxiety (Groenink, L. (280) 185)

Foot-shock stress, acute

Chronic variate stress; β -Adrenoceptor; 5-HT_{1A} receptor; 5-HT₂ receptor; Amitriptyline; Open-field; Brain cortex, rat (Ferretti, C. (280) 19)

Forced swimming test

5-HT_{1A} receptor; MKC-242 (5-{3-[(2*S*)-1,4-benzodioxan-2-ylmethyl]-amino}propoxy)-1,3-benzodioxole); Antidepressant activity; (Mouse) (Matsuda, T. (280) 235)

FR139317

Cardiac hypertrophy; Volume overload; Losartan; Angiotensin II; Endothelin-1 (Ishiyi, M. (280) 11)

Endothelin-1; Endothelin ET_A receptor; Nitric oxide (NO); Nitro-L-arginine; Hypertension; (Rat) (Fujita, K. (280) 311)

Free radical

MDMA (3,4-methylenedioxymethamphetamine); Ecstasy; Neurodegeneration; PBN (α -phenyl-*N*-tert-butyl nitron); Neuroprotection (Colado, M.I. (280) 343)

Gastric damage

Nitric oxide (NO); Endotoxin; Capsaicin; Gastric defense; Stress (Barrachina, M.D. (280) 339)

Gastric defense

Nitric oxide (NO); Endotoxin; Capsaicin; Gastric damage; Stress (Barrachina, M.D. (280) 339)

Gastrointestinal

Non-steroidal anti-inflammatory drug; Nitric oxide (NO); Endotoxic shock, acute; Ulcer; Prostaglandin; Cardiovascular (Wallace, J.L. (280) 63)

Genistein

Erbstatin analog; Ca²⁺ (Helmeite, D.M. (280) R5)

GFAP (glial fibrillary acidic protein)

Imidazoline; Imidazoline receptor; [³H]Idazoxan; Astrocyte (Alemany, R. (280) 205)

Glibenclamide

Aorta, rat; Sulfonylurea; Prostanoid; Prostaglandin F_{2 α} ; Tolbutamide; Thromboxane A₂ (Delacy, C. (280) 179)

Glucagon

Benzoic acid; Endocrine pancreas; Insulin; Ruminant; (Sheep) (Mineo, H. (280) 149)

Glucagon secretion

Insulin secretion; Neuroglycopenia; 2-Deoxy-D-glucose; Nitric oxide (NO); Nitric oxide synthase; *N*^G-Nitro-L-arginine methyl ester; *N*^G-Nitro-L-arginine; (Mouse) (Ahrén, B. (280) 27)

Glucose

5-HT_{1A} receptor; Corticosterone; Prolactin; Flesinoxan; Defensive burying; Anxiety (Groenink, L. (280) 185)

Glutamate

Neurotoxicity; Excitatory amino acid; Glutamate receptor subtype; Motoneuron; Cultured neuron (Estevez, A.G. (280) 47)

Glutamate receptor

Ventrolateral medulla; L-Glutamate uptake inhibitor; Respiratory function; Excitatory amino acid receptor antagonist; Blood pressure; Heart rate (McManigle, J.E. (280) 257)

Glutamate receptor subtype

Neurotoxicity; Excitatory amino acid; Glutamate; Motoneuron; Cultured neuron (Estevez, A.G. (280) 47)

L-Glutamate uptake inhibitor

Ventrolateral medulla; Glutamate receptor; Respiratory function; Excitatory amino acid receptor antagonist; Blood pressure; Heart rate (McManigle, J.E. (280) 257)

Glycine

NMDA (*N*-methyl-D-aspartate); Schizophrenia; Dopamine metabolism; Stereotypy (Kretschmer, B.D. (280) 37)

cGMP

Butein; EDRF (endothelium-derived relaxing factor); Phosphodiesterase; cAMP; Thoracic aorta, rat (Yu, S.-M. (280) 69)

Haloperidol

Dystonia; σ Receptor; Red nucleus; DTG (di-*o*-tolylguanidine) (Matsumoto, R.R. (280) 301)

Heart rate

Ventrolateral medulla; Glutamate receptor; L-Glutamate uptake inhibitor; Respiratory function; Excitatory amino acid receptor antagonist; Blood pressure (McManigle, J.E. (280) 257)

Hippocampus

Spontaneously epileptic rat (SER); CA3 neuron; Ca²⁺ spike; Nicardipine (Moriyama, T. (280) 119)

5-HT (5-hydroxytryptamine, serotonin)

Pulmonary vein, sheep; Vasodilatation; Endothelium; Cyclic nucleotide (Zhang, L. (280) 335)

5-HT_{1A} receptor

Chronic variate stress; Foot-shock stress, acute; β -Adrenoceptor; 5-HT₂ receptor; Amitriptyline; Open-field; Brain cortex, rat (Ferretti, C. (280) 19)

Corticosterone; Glucose; Prolactin; Flesinoxan; Defensive burying; Anxiety (Groenink, L. (280) 185)

MKC-242 (5-{3-[(2*S*)-1,4-benzodioxan-2-ylmethyl]amino}propoxy)-1,3-benzodioxole; Forced swimming test; Antidepressant activity; (Mouse) (Matsuda, T. (280) 235)

5-HT₂ receptor

Chronic variate stress; Foot-shock stress, acute; β -Adrenoceptor; 5-HT_{1A} receptor; Amitriptyline; Open-field; Brain cortex, rat (Ferretti, C. (280) 19)

5-HT_{2A} receptor

Phencyclidine; Clozapine (Maurel-Remy, S. (280) R9)

5-HT₇ receptor

Ileum, guinea-pig; Smooth muscle relaxation (Carter, D. (280) 243)

Hypertension

Endothelin-1; Endothelin ET_A receptor; Nitric oxide (NO); FR139317; Nitro-L-arginine; (Rat) (Fujita, K. (280) 311)

Hypertrophy

LR-B/081; Angiotensin II; Smooth muscle cell; Inositol trisphosphate; Prostaglandin (Catalioto, R.-M. (280) 285)

ICI192,605

Bradykinin; Thromboxane; Airflow obstruction; WEB2086; OKY-046 (Kawikova, I. (280) 293)

[³H]Idazoxan

Imidazoline; Imidazoline receptor; GFAP (glial fibrillary acidic protein); Astrocyte (Alemany, R. (280) 205)

Ileum, guinea-pig

5-HT₇ receptor; Smooth muscle relaxation (Carter, D. (280) 243)

Imidazoline

Imidazoline receptor; GFAP (glial fibrillary acidic protein); [³H]Idazoxan; Astrocyte (Alemany, R. (280) 205)

Imidazoline receptor

Imidazoline; GFAP (glial fibrillary acidic protein); [³H]Idazoxan; Astrocyte (Alemany, R. (280) 205)

Inositol trisphosphate

LR-B/081; Angiotensin II; Smooth muscle cell; Prostaglandin; Hypertrophy (Catalioto, R.-M. (280) 285)

Insulin

Benzoic acid; Endocrine pancreas; Glucagon; Ruminant; (Sheep) (Mineo, H. (280) 149)

Insulin secretion

Glucagon secretion; Neuroglycopenia; 2-Deoxy-D-glucose; Nitric oxide (NO); Nitric oxide synthase; *N*^G-Nitro-L-arginine methyl ester; *N*^G-Nitro-L-arginine; (Mouse) (Ahrén, B. (280) 27)

K⁺ channel

4-Aminopyridine; α -Adrenoceptor; Contraction, phasic; Caudal epididymis, rat (Huang, Y. (280) 231)

K⁺ channel blocker

Acetylcholine; Uterine artery; Endothelium; Nitric oxide (NO) (Jovanović, A. (280) 95)

K⁺ channel opener

Trachea; Submucosal gland; Epithelium (Griffin, A. (280) 317)

Kidney, rat

Adrenomedullin; CGRP receptor; Anesthetized rat (Haynes, J.M. (280) 91)

Losartan

Cardiac hypertrophy; Volume overload; Angiotensin II; Endothelin-1; FR139317 (Ishiye, M. (280) 11)

LR-B/081

Angiotensin II; Smooth muscle cell; Inositol trisphosphate; Prostaglandin; Hypertrophy (Catalioto, R.-M. (280) 285)

Marijuana

Withdrawal; Tetrahydrocannabinol (Tsou, K. (280) R13)

Mating

Sexual satiety; Apomorphine; Dopamine (Mas, M. (280) 331)

MDMA (3,4-methylenedioxymethamphetamine)

Ecstasy; Neurodegeneration; PBN (α -phenyl-*N*-tert-butyl nitron); Neuroprotection; Free radical (Colado, M.I. (280) 343)

MKC-242 (5-{3-[(2*S*)-1,4-benzodioxan-2-ylmethyl]amino}propoxy)-1,3-benzodioxole)

5-HT_{1A} receptor; Forced swimming test; Antidepressant activity; (Mouse) (Matsuda, T. (280) 235)

Morphine

Diazepam; Conditioned place preference; (Mouse) (Suzuki, T. (280) 327)

Motoneuron

Neurotoxicity; Excitatory amino acid; Glutamate; Glutamate receptor subtype; Cultured neuron (Estevez, A.G. (280) 47)

Motor behavior

Reserpine; Dextromethorphan; Dopamine D₁ receptor; Dopamine D₂ receptor; L-DOPA (L-3,4-dihydroxyphenylalanine); (Mouse) (Kaur, S. (280) 159)

Motor cortex

NS 1619; BK_{Ca} channel; Niflumic acid (Lee, K. (280) 215)

MPP⁺ (1-methyl-4-phenylpyridinium)

Dopamine release; Rotenone; Striatum; Substantia nigra; (Rat) (Santiago, M. (280) 251)

Naltriben diabetes

TAN-67; Antinociception; δ -Opioid receptor; 7-Benzylidenenaltrexone (Kamei, J. (280) 347)

Naltrindole

Cocaine; Enkephalin; δ -Opioid receptor; Cocaine-induced sensitization (Shippenberg, T.S. (280) 55)

Neurodegeneration

MDMA (3,4-methylenedioxymethamphetamine); Ecstasy; PBN (α -phenyl-*N*-tert-butyl nitron); Neuroprotection; Free radical (Colado, M.I. (280) 343)

Neurogenic inflammation, guinea pig

CRF (corticotropin-releasing factor); CP 99,994; Plasma extravasation; Antigen challenge; Substance P (Yoshihara, S. (280) 113)

Neuroglycopenia

Insulin secretion; Glucagon secretion; 2-Deoxy-D-glucose; Nitric oxide (NO); Nitric oxide synthase; *N*^G-Nitro-L-arginine methyl ester; *N*^G-Nitro-L-arginine; (Mouse) (Ahrén, B. (280) 27)

Neuroprotection

MDMA (3,4-methylenedioxymethamphetamine); Ecstasy; Neurodegeneration; PBN (α -phenyl-*N*-tert-butyl nitron); Free radical (Colado, M.I. (280) 343)

Neurotoxicity

Excitatory amino acid; Glutamate; Glutamate receptor subtype; Motoneuron; Cultured neuron (Estevez, A.G. (280) 47)

Nicardipine

Spontaneously epileptic rat (SER); Hippocampus; CA3 neuron; Ca²⁺ spike (Momiya, T. (280) 119)

Nicotinic acetylcholine receptor antagonist

Erysodine; Dihydro- β -erythroidine; Pharmacokinetics (Decker, M.W. (280) 79)

Nifedipine

Ca²⁺ channel; Pregnancy; Vasoconstriction; Aortic ring; Bay K 8644 (Roy, B. (280) 1)

Niflumic acid

NS 1619; BK_{Ca} channel; Motor cortex (Lee, K. (280) 215)

Nitric oxide (NO)

Insulin secretion; Glucagon secretion; Neuroglycopenia; 2-Deoxy-D-glucose; Nitric oxide synthase; *N*^G-Nitro-L-arginine methyl ester; *N*^G-Nitro-L-arginine; (Mouse) (Ahrén, B. (280) 27)

Non-steroidal anti-inflammatory drug; Endotoxic shock, acute; Gastrointestinal; Ulcer; Prostaglandin; Cardiovascular (Wallace, J.L. (280) 63)

K⁺ channel blocker; Acetylcholine; Uterine artery; Endothelium (Jovanović, A. (280) 95)

Endothelin-1; Endothelin ET_A receptor; FR139317; Nitro-L-arginine; Hypertension; (Rat) (Fujita, K. (280) 311)

Endotoxin; Capsaicin; Gastric damage; Gastric defense; Stress (Barachina, M.D. (280) 339)

Nitric oxide synthase

Insulin secretion; Glucagon secretion; Neuroglycopenia; 2-Deoxy-D-glucose; Nitric oxide (NO); *N*^G-Nitro-L-arginine methyl ester; *N*^G-Nitro-L-arginine; (Mouse) (Ahrén, B. (280) 27)

Nitro-L-arginine

Endothelin-1; Endothelin ET_A receptor; Nitric oxide (NO); FR139317; Hypertension; (Rat) (Fujita, K. (280) 311)

***N*^G-Nitro-L-arginine**

Insulin secretion; Glucagon secretion; Neuroglycopenia; 2-Deoxy-D-glucose; Nitric oxide (NO); Nitric oxide synthase; *N*^G-Nitro-L-arginine methyl ester; (Mouse) (Ahrén, B. (280) 27)

***N*^G-Nitro-L-arginine methyl ester**

Insulin secretion; Glucagon secretion; Neuroglycopenia; 2-Deoxy-D-glucose; Nitric oxide (NO); Nitric oxide synthase; *N*^G-Nitro-L-arginine; (Mouse) (Ahrén, B. (280) 27)

NMDA (*N*-methyl-D-aspartate)

Glycine; Schizophrenia; Dopamine metabolism; Stereotypy (Kretschmer, B.D. (280) 37)

NMDA receptor

CGP 37849; Working memory; Reference memory (Deacon, R.M.J. (280) 239)

Non-steroidal anti-inflammatory drug

Nitric oxide (NO); Endotoxic shock, acute; Gastrointestinal; Ulcer; Prostaglandin; Cardiovascular (Wallace, J.L. (280) 63)

NS 1619

BK_{Ca} channel; Niflumic acid; Motor cortex (Lee, K. (280) 215)

N4TG1 cell

δ -Opioid receptor; TIPP (H-Tyr-Tic-Phe-Phe-OH); [Tyr(3'-I)¹]TIPP; Brain, rat; Vas deferens, mouse (Lee, P.H.K. (280) 211)

Nucleus tractus solitarius

[³H]Sumatriptan; Autoradiography; Trigeminal nucleus caudalis; (Cat) (Mills, A. (280) 175)

OKY-046

Bradykinin; Thromboxane; Airflow obstruction; WEB2086; ICI192,605 (Kawikova, I. (280) 293)

One-way avoidance

Animal model; Anxiety; Buspirone; Diazepam; Successive negative contrast (Torres, C. (280) 277)

Open-field

Chronic variate stress; Foot-shock stress, acute; β -Adrenoceptor; 5-HT_{1A} receptor; 5-HT₂ receptor; Amitriptyline; Brain cortex, rat (Ferretti, C. (280) 19)

 δ -Opioid receptor

Cocaine; Naltrindole; Enkephalin; Cocaine-induced sensitization (Shippenberg, T.S. (280) 55)

TIPP (H-Tyr-Tic-Phe-Phe-OH); [Tyr(3'-I)¹]TIPP; Brain, rat; N4TG1 cell; Vas deferens, mouse (Lee, P.H.K. (280) 211)

TAN-67; Antinociception; 7-Benzylidenenaltrexone; Naltriben diabetes (Kamei, J. (280) 347)

Opioid tolerance

Protein kinase A; Protein kinase C (Narita, M. (280) R1)

PBN (α -phenyl-*N*-tert-butyl nitron)

MDMA (3,4-methylenedioxymethamphetamine); Ecstasy; Neurodegeneration; Neuroprotection; Free radical (Colado, M.I. (280) 343)

Pharmacokinetics

Nicotinic acetylcholine receptor antagonist; Erysodine; Dihydro- β -erythroidine (Decker, M.W. (280) 79)

Phencyclidine

5-HT_{2A} receptor; Clozapine (Maurel-Remy, S. (280) R9)

Phosphodiesterase

Butein; EDRF (endothelium-derived relaxing factor); cAMP; cGMP; Thoracic aorta, rat (Yu, S.-M. (280) 69)

Plasma extravasation

CRF (corticotropin-releasing factor); CP 99,994; Antigen challenge; Neurogenic inflammation, guinea pig; Substance P (Yoshihara, S. (280) 113)

PPADS (pyridoxalphosphate-6-azophenyl-2,4'-disulphonic acid)

P₁ purinoceptor; P_{2Y} purinoceptor; Taenia caeci, guinea-pig; Suramin; Adenosine 5'-triphosphate (Piper, A.S. (280) 125)

P₁ purinoceptor

P_{2Y} purinoceptor; Taenia caeci, guinea-pig; Suramin; Adenosine 5'-triphosphate; PPADS (pyridoxalphosphate-6-azophenyl-2',4'-disulphonic acid) (Piper, A.S. (280) 125)

P_{2Y} purinoceptor

P₁ purinoceptor; Taenia caeci, guinea-pig; Suramin; Adenosine 5'-triphosphate; PPADS (pyridoxalphosphate-6-azophenyl-2',4'-disulphonic acid) (Piper, A.S. (280) 125)

Pregnancy

Ca²⁺ channel; Vasoconstriction; Aortic ring; Nifedipine; Bay K 8644 (Roy, B. (280) 1)

Uterine artery; Vasopressin receptor; Arginine vasopressin; (Guinea-pig) (Jovanović, A. (280) 101)

Prolactin

5-HT_{1A} receptor; Corticosterone; Glucose; Flesinoxan; Defensive burying; Anxiety (Groenink, L. (280) 185)

Proliferation

Ca²⁺; Ca²⁺ channel antagonist; SR 33805; Smooth muscle cell (Dol, F. (280) 135)

Prostaglandin

Non-steroidal anti-inflammatory drug; Nitric oxide (NO); Endotoxic shock, acute; Gastrointestinal; Ulcer; Cardiovascular (Wallace, J.L. (280) 63)

LR-B/081; Angiotensin II; Smooth muscle cell; Inositol trisphosphate; Hypertrophy (Catalioto, R.-M. (280) 285)

Prostaglandin F_{2α}

Aorta, rat; Sulfonylurea; Prostanoid; Glibenclamide; Tolbutamide; Thromboxane A₂ (Delaey, C. (280) 179)

Prostanoid

Aorta, rat; Sulfonylurea; Prostaglandin F_{2α}; Glibenclamide; Tolbutamide; Thromboxane A₂ (Delaey, C. (280) 179)

Protein kinase A

Protein kinase C; Opioid tolerance (Narita, M. (280) R1)

Protein kinase C

Protein kinase A; Opioid tolerance (Narita, M. (280) R1)

Pulmonary vein, sheep

Vasodilatation; 5-HT (5-hydroxytryptamine, serotonin); Endothelium; Cyclic nucleotide (Zhang, L. (280) 335)

σ Receptor

Dystonia; Haloperidol; Red nucleus; DTG (di-*o*-tolylguanidine) (Matsumoto, R.R. (280) 301)

Receptor binding

Benzodiazepine; Spinal cord; Alpidem-insensitive site (Maguire, P.A. (280) 167)

Red nucleus

Dystonia; Haloperidol; σ Receptor; DTG (di-*o*-tolylguanidine) (Matsumoto, R.R. (280) 301)

Reference memory

CGP 37849; Working memory; NMDA receptor (Deacon, R.M.J. (280) 239)

Renal function

Angiotensin AT₁ receptor antagonist; Captopril; Angiotensin converting enzyme inhibitor; (Anesthetized dog) (Clark, K.L. (280) 195)

Reserpine

Motor behavior; Dextromethorphan; Dopamine D₁ receptor; Dopamine D₂ receptor; L-DOPA (L-3,4-dihydroxyphenylalanine); (Mouse) (Kaur, S. (280) 159)

Respiratory function

Ventrolateral medulla; Glutamate receptor; L-Glutamate uptake inhibitor; Excitatory amino acid receptor antagonist; Blood pressure; Heart rate (McManigle, J.E. (280) 257)

Ro 40-5967

Ca²⁺; Ca²⁺ channel antagonist; Verapamil; 1,4-Dihydropyridine; Diltiazem; SR 33557 (Rutledge, A. (280) 155)

Rotenone

Dopamine release; MPP⁺ (1-methyl-4-phenylpyridinium); Striatum; Substantia nigra; (Rat) (Santiago, M. (280) 251)

Ruminant

Benzoic acid; Endocrine pancreas; Insulin; Glucagon; (Sheep) (Mineo, H. (280) 149)

Schizophrenia

Glycine; NMDA (*N*-methyl-D-aspartate); Dopamine metabolism; Stereotypy (Kretschmer, B.D. (280) 37)

Sexual satiety

Mating; Apomorphine; Dopamine (Mas, M. (280) 331)

Skin, toad

Diazepam; Tolerance; Ca²⁺ channel (Norris, B. (280) 221)

Smooth muscle cell

Ca²⁺; Ca²⁺ channel antagonist; SR 33805; Proliferation (Dol, F. (280) 135)

LR-B/081; Angiotensin II; Inositol trisphosphate; Prostaglandin; Hypertrophy (Catalioto, R.-M. (280) 285)

Smooth muscle relaxation

Ileum, guinea-pig; 5-HT₇ receptor (Carter, D. (280) 243)

Spinal cord

Benzodiazepine; Receptor binding; Alpidem-insensitive site (Maguire, P.A. (280) 167)

Spontaneously epileptic rat (SER)

Hippocampus; CA3 neuron; Ca²⁺ spike; Nicardipine (Momiya, T. (280) 119)

SR 33805

Ca²⁺; Ca²⁺ channel antagonist; Smooth muscle cell; Proliferation (Dol, F. (280) 135)

SR 33557

Ca²⁺; Ca²⁺ channel antagonist; Ro 40-5967; Verapamil; 1,4-Dihydropyridine; Diltiazem (Rutledge, A. (280) 155)

Stereotypy

Glycine; NMDA (*N*-methyl-D-aspartate); Schizophrenia; Dopamine metabolism (Kretschmer, B.D. (280) 37)

Stress

Nitric oxide (NO); Endotoxin; Capsaicin; Gastric damage; Gastric defense (Barrachina, M.D. (280) 339)

Striatum

Dopamine release; MPP⁺ (1-methyl-4-phenylpyridinium); Rotenone; Substantia nigra; (Rat) (Santiago, M. (280) 251)

Submucosal gland

K⁺ channel opener; Trachea; Epithelium (Griffin, A. (280) 317)

Substance P

CRF (corticotropin-releasing factor); CP 99,994; Plasma extravasation; Antigen challenge; Neurogenic inflammation, guinea pig (Yoshihara, S. (280) 113)

Substantia nigra

Dopamine release; MPP⁺ (1-methyl-4-phenylpyridinium); Rotenone; Striatum; (Rat) (Santiago, M. (280) 251)

Successive negative contrast

Animal model; Anxiety; Buspirone; Diazepam; One-way avoidance (Torres, C. (280) 277)

Sulfonylurea

Aorta, rat; Prostanoid; Prostaglandin F_{2α}; Glibenclamide; Tolbutamide; Thromboxane A₂ (Delaey, C. (280) 179)

[³H]Sumatriptan

Autoradiography; Trigeminal nucleus caudalis; Nucleus tractus solitarius; (Cat) (Mills, A. (280) 175)

Suramin

P₁ purinoceptor; P_{2Y} purinoceptor; Taenia caeci, guinea-pig; Adenosine 5'-triphosphate; PPADS (pyridoxalphosphate-6-azophenyl-2',4'-disulphonic acid) (Piper, A.S. (280) 125)

Taenia caeci, guinea-pig

P₁ purinoceptor; P_{2Y} purinoceptor; Suramin; Adenosine 5'-triphosphate; PPADS (pyridoxalphosphate-6-azophenyl-2',4'-disulphonic acid) (Piper, A.S. (280) 125)

TAN-67

Antinociception; δ-Opioid receptor; 7-Benzylidenenaltrexone; Naltriben diabetes (Kamei, J. (280) 347)

Tetrahydrocannabinol

Marijuana; Withdrawal (Tsou, K. (280) R13)

Thermoregulation

Dopamine D₃ receptor; Core temperature; Clozapine; Antipsychotic (Milan, M.J. (280) 225)

Thoracic aorta, rat

Butein; EDRF (endothelium-derived relaxing factor); Phosphodiesterase; cAMP; cGMP (Yu, S.-M. (280) 69)

Thromboxane

Bradykinin; Airflow obstruction; WEB2086; ICI192,605; OKY-046 (Kawikova, I. (280) 293)

Thromboxane A₂

Aorta, rat; Sulfonylurea; Prostanoid; Prostaglandin F_{2α}; Glibenclamide; Tolbutamide (Delaey, C. (280) 179)

[Tyr(3'-I)¹]TIPP

δ-Opioid receptor; TIPP (H-Tyr-Tic-Phe-Phe-OH); Brain, rat; N4TG1 cell; Vas deferens, mouse (Lee, P.H.K. (280) 211)

TIPP (H-Tyr-Tic-Phe-Phe-OH)

δ-Opioid receptor; [Tyr(3'-I)¹]TIPP; Brain, rat; N4TG1 cell; Vas deferens, mouse (Lee, P.H.K. (280) 211)

Tolbutamide

Aorta, rat; Sulfonylurea; Prostanoid; Prostaglandin F_{2α}; Glibenclamide; Thromboxane A₂ (Delaey, C. (280) 179)

Tolerance

Skin, toad; Diazepam; Ca²⁺ channel (Norris, B. (280) 221)

Trachea

K⁺ channel opener; Submucosal gland; Epithelium (Griffin, A. (280) 317)

Trigeminal nucleus caudalis

[³H]Sumatriptan; Autoradiography; Nucleus tractus solitarius; (Cat) (Mills, A. (280) 175)

Ulcer

Non-steroidal anti-inflammatory drug; Nitric oxide (NO); Endotoxic shock, acute; Gastrointestinal; Prostaglandin; Cardiovascular (Wallace, J.L. (280) 63)

Uterine artery

K⁺ channel blocker; Acetylcholine; Endothelium; Nitric oxide (NO) (Jovanović, A. (280) 95)

Pregnancy; Vasopressin receptor; Arginine vasopressin; (Guinea-pig) (Jovanović, A. (280) 101)

Vas deferens, mouse

δ-Opioid receptor; TIPP (H-Tyr-Tic-Phe-Phe-OH); [Tyr(3'-I)¹]TIPP; Brain, rat; N4TG1 cell (Lee, P.H.K. (280) 211)

Vasoconstriction

Ca²⁺ channel; Pregnancy; Aortic ring; Nifedipine; Bay K 8644 (Roy, B. (280) 1)

Vasodilatation

Pulmonary vein, sheep; 5-HT (5-hydroxytryptamine, serotonin); Endothelium; Cyclic nucleotide (Zhang, L. (280) 335)

Vasopressin receptor

Uterine artery; Pregnancy; Arginine vasopressin; (Guinea-pig) (Jovanović, A. (280) 101)

Ventrolateral medulla

Glutamate receptor; L-Glutamate uptake inhibitor; Respiratory function; Excitatory amino acid receptor antagonist; Blood pressure; Heart rate (McManigle, J.E. (280) 257)

Verapamil

Ca²⁺; Ca²⁺ channel antagonist; Ro 40-5967; 1,4-Dihydropyridine; Diltiazem; SR 33557 (Rutledge, A. (280) 155)

Volume overload

Cardiac hypertrophy; Losartan; Angiotensin II; Endothelin-1; FR139317 (Ishiyae, M. (280) 11)

WEB2086

Bradykinin; Thromboxane; Airflow obstruction; ICI192,605; OKY-046 (Kawikova, I. (280) 293)

Withdrawal

Marijuana; Tetrahydrocannabinol (Tsou, K. (280) R13)

Working memory

CGP 37849; Reference memory; NMDA receptor (Deacon, R.M.J. (280) 239)