

Keyword index

Accumbal core

Accumbal shell; Jaw movement; Dopamine D₁/D₂ receptor interaction; Dopamine D₁/D₃ receptor interaction; (Rat) (Koshikawa, N. (308) 227)

Accumbal shell; Turning behavior; Dopamine D₁/D₂ receptor interaction; Dopamine D₁/D₃ receptor interaction; (Rat) (Koshikawa, N. (308) 235)

Accumbal shell

Accumbal core; Jaw movement; Dopamine D₁/D₂ receptor interaction; Dopamine D₁/D₃ receptor interaction; (Rat) (Koshikawa, N. (308) 227)

Accumbal core; Turning behavior; Dopamine D₁/D₂ receptor interaction; Dopamine D₁/D₃ receptor interaction; (Rat) (Koshikawa, N. (308) 235)

t-ACPD (*trans*-1-amino-1,3-cyclopentanedicarboxylic acid)

Phospholipase C; Norepinephrine; Bombesin; LA-N-2 cell; β -Adrenoceptor; Metabotropic (Sorrentino, G. (308) 81)

Adenosine

Nitrobenzylthioinosine; Nucleoside transport; Propentofylline (Parkinson, F.E. (308) 97)

Adenosine receptor

Heart; β -Adrenoceptor; Species difference; (Guinea pig); (Pig); (Rabbit); (Rat) (Musser, B. (308) 357)

Adenosine A₃ receptor

Hemodynamics; Histamine release; Tachyphylaxis; 2-Chloro-*N*⁶-(3-iodobenzyl)adenosine-5-*N*-ethylcarboxamide (2-Cl-IB-MECA); Rat, conscious (Van Schaick, E.A. (308) 311)

Adenylyl cyclase activity

Steroidogenesis; CGRP (calcitonin gene-related peptide); Amylin; Adrenomedullin; CGRP receptor, type 2; Corticosteroid secretion (Esneu, M. (308) 187)

β -Adrenoceptor

Phospholipase C; Norepinephrine; *t*-ACPD (*trans*-1-amino-1,3-cyclopentanedicarboxylic acid); Bombesin; LA-N-2 cell; Metabotropic (Sorrentino, G. (308) 81)

Heart; Adenosine receptor; Species difference; (Guinea pig); (Pig); (Rabbit); (Rat) (Musser, B. (308) 357)

β_3 -Adrenoceptor

β/β_3 -Adrenoceptor, atypical; Smooth muscle, esophageal, rat; Trimetoprim; Isomeric activity ratio; BRL 37344 (Lezama, E.J. (308) 69)

β/β_3 -Adrenoceptor, atypical

β_3 -Adrenoceptor; Smooth muscle, esophageal, rat; Trimetoprim; Isomeric activity ratio; BRL 37344 (Lezama, E.J. (308) 69)

Adrenomedullin

Steroidogenesis; CGRP (calcitonin gene-related peptide); Amylin; CGRP receptor, type 2; Corticosteroid secretion; Adenylyl cyclase activity (Esneu, M. (308) 187)

AF102B

Learning; Memory; Synaptic plasticity; Cholinergic system; Muscarinic receptor agonist; Oxotremorine (Iga, Y. (308) 13)

Aging

Alzheimer's disease; Spatial navigation; 5-HT (5-hydroxytryptamine, serotonin); Nicotine; Tetrahydroaminoacridine (Riekkinen, M. (308) 243)

Agmatine

Efaroxan; Imidazoline receptor; Insulin secretion; Vessel; Pancreas, rat (Berdeu, D. (308) 301)

Alzheimer's disease

Aging; Spatial navigation; 5-HT (5-hydroxytryptamine, serotonin); Nicotine; Tetrahydroaminoacridine (Riekkinen, M. (308) 243)

AMPA receptor agonist

Glu₁-flop receptor; NBQX (2,3-dihydroxy-6-nitro-7-sulfamoylbenzo(*f*)-quinoxaline); (Pharmacology) (Wahl, P. (308) 211)

Amylin

Steroidogenesis; CGRP (calcitonin gene-related peptide); Adrenomedullin; CGRP receptor, type 2; Corticosteroid secretion; Adenylyl cyclase activity (Esneu, M. (308) 187)

Analgesia

Substance P; Neurokinin A; Tachykinin NK₁ receptor; Nociception; Hyperalgesia (Yashpal, K. (308) 41)

Pertussis toxin; Morphine; Diphenhydramine; Baclofen; Clomipramine; Physostigmine (Galeotti, N. (308) 125)

Angiotensin II

Nitric oxide (NO); Losartan; L-NAME (*N*^G-nitro-L-arginine methyl ester); Kidney; (Rabbit) (Adachi, Y. (308) 165)

Antinociception

Paracetamol; 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor, brain (Pini, L.A. (308) 31)

Ketorolac; Caffeine; Nitric oxide (NO); *N*^G-Nitro-L-arginine methyl ester (L-NAME); Potentiation (López-Muñoz, F.J. (308) 275)

Antinociceptive effect

Colonic inflammation; Visceral nociception; Clonidine; S12813-4; Noreadrenergic mechanism (Miampamba, M. (308) 251)

Anti-platelet potency

Ticlopidine; Thrombolysis; Prostacyclin; Nitric oxide (NO); Tissue plasminogen activator (Gryglewski, R.J. (308) 61)

Apomorphine

Free radical; Lipid peroxidation; Protein carbonyl; Iron; Ascorbate; Thiobarbituric acid (Gassen, M. (308) 219)

Arterial pressure

PAF (platelet-activating factor); Vasomotor tone; Endothelium; Blood flow; Noradrenaline; Glutamate; Cyclooxygenase; (Rabbit) (Lopes-Martins, R. (308) 287)

Ascorbate

Apomorphine; Free radical; Lipid peroxidation; Protein carbonyl; Iron; Thiobarbituric acid (Gassen, M. (308) 219)

ATP-sensitive K⁺ channel

Ca²⁺, intracellular; Chemical hypoxia; Dinitrophenol; Cardiac cell; Glyburide; Fluo-3 (Brady, P.A. (308) 343)

Atrial natriuretic peptide

Thapsigargin; Hormone secretion; Mechanical stretch (Taskinen, P. (308) 295)

Baclofen

Pertussis toxin; Analgesia; Morphine; Diphenhydramine; Clomipramine; Physostigmine (Galeotti, N. (308) 125)

(*R,S*)-Baclofen

GABA_B receptor; (*R*)-Saclofen (Kerr, D.I.B. (308) R1)

Basal forebrain

Striatum; Nucleus accumbens (Wallace, D.R. (308) 283)

Benzodiazepine receptor

NNC 14-0185; NNC 14-0189; Seizure threshold; Epilepsy (Jackson, H.C. (308) 21)

Blood flow

PAF (platelet-activating factor); Vasomotor tone; Endothelium; Arterial pressure; Noradrenaline; Glutamate; Cyclooxygenase; (Rabbit) (Lopes-Martins, R. (308) 287)

Bombesin

Phospholipase C; Norepinephrine; *t*-ACPD (*trans*-1-amino-1,3-cyclopentanedicarboxylic acid); LA-N-2 cell; β -Adrenoceptor; Metabotropic (Sorrentino, G. (308) 81)

Bradykinin

Hoe140; Pneumococcal meningitis; Cerebral blood flow; Brain edema; Intracranial pressure (Lorenzl, S. (308) 335)

Brain edema

Bradykinin; Hoe140; Pneumococcal meningitis; Cerebral blood flow; Intracranial pressure (Lorenzl, S. (308) 335)

BRL 37344

β/β_3 -Adrenoceptor, atypical; β_3 -Adrenoceptor; Smooth muscle, esophageal, rat; Trimetoquinol; Isomeric activity ratio (Lezama, E.J. (308) 69)

Ca²⁺ channel antagonist

CD-832; Myocardium; Chronotropic effect, negative; Inotropic effect, negative; (Guinea-pig) (Noguchi, K. (308) 53)

Ca²⁺ current

Endothelin-1; Ventricular cardiomyocyte (Kelso, E. (308) 351)

Caffeine

Ketorolac; Nitric oxide (NO); *N*^G-Nitro-L-arginine methyl ester (L-NAME); Potentiation; Antinociception (López-Muñoz, F.J. (308) 275)

Ca²⁺, intracellular

ATP-sensitive K⁺ channel; Chemical hypoxia; Dinitrophenol; Cardiac cell; Glyburide; Fluo-3 (Brady, P.A. (308) 343)

Ca²⁺ mobilization

Iris dilator, rabbit; Phorbol 12,13-dibutyrate (PDB); Protein kinase C; GF 109203X (2-(1-(3-dimethylaminopropyl)-indol-3-yl)-3-(indol-3-yl)-maleimide); H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine dihydrochloride); H-88 (*N*-(2-cinnamylaminoethyl)-5-isoquinolinesulfonamide) (Sato, M. (308) 145)

Carbachol

Parasympathetic; Pineal; Melatonin; Microdialysis; Muscarinic receptor agonist; Noradrenaline release (Drijfhout, W.J. (308) 117)

Cardiac cell

ATP-sensitive K⁺ channel; Ca²⁺, intracellular; Chemical hypoxia; Dinitrophenol; Glyburide; Fluo-3 (Brady, P.A. (308) 343)

Caudate putamen

Fluphenazine; Microdialysis; Nucleus accumbens; Glutamate; GABA (γ -aminobutyric acid) (See, R.E. (308) 279)

CD-832

Ca²⁺ channel antagonist; Myocardium; Chronotropic effect, negative; Inotropic effect, negative; (Guinea-pig) (Noguchi, K. (308) 53)

Cerebral blood flow

Bradykinin; Hoe140; Pneumococcal meningitis; Brain edema; Intracranial pressure (Lorenzl, S. (308) 335)

CGRP (calcitonin gene-related peptide)

Steroidogenesis; Amylin; Adrenomedullin; CGRP receptor, type 2; Corticosteroid secretion; Adenylyl cyclase activity (Esneu, M. (308) 187)

CGRP receptor, type 2

Steroidogenesis; CGRP (calcitonin gene-related peptide); Amylin; Adrenomedullin; Corticosteroid secretion; Adenylyl cyclase activity (Esneu, M. (308) 187)

Chemical hypoxia

ATP-sensitive K⁺ channel; Ca²⁺, intracellular; Dinitrophenol; Cardiac cell; Glyburide; Fluo-3 (Brady, P.A. (308) 343)

2-Chloro-*N*⁶-(3-iodobenzyl)adenosine-5-*N*-ethylcarboxamide (2-Cl-IB-MECA)

Adenosine A₃ receptor; Hemodynamics; Histamine release; Tachyphylaxis; Rat, conscious (Van Schaick, E.A. (308) 311)

Cholinergic system

Learning; Memory; Synaptic plasticity; Muscarinic receptor agonist; AF102B; Oxotremorine (Iga, Y. (308) 13)

Chronotropic effect, negative

CD-832; Ca²⁺ channel antagonist; Myocardium; Inotropic effect, negative; (Guinea-pig) (Noguchi, K. (308) 53)

Clomipramine

Pertussis toxin; Analgesia; Morphine; Diphenhydramine; Baclofen; Physostigmine (Galeotti, N. (308) 125)

Clonidine

Colonic inflammation; Visceral nociception; S12813-4; Antinociceptive effect; Noradrenergic mechanism (Miampamba, M. (308) 251)

Colon, guinea-pig

5-HT₃ receptor; 5-HT₄ receptor; Tachykinin; Tetrodotoxin; Enteric nerve (Briejer, M.R. (308) 173)

Colonic inflammation

Visceral nociception; Clonidine; S12813-4; Antinociceptive effect; Noradrenergic mechanism (Miampamba, M. (308) 251)

Colonic temperature

Morphine; Histamine; Histamine receptor antagonist (Ulugöl, A. (308) 49)

Contraction

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor antagonist; Stomach; Relaxation; (Guinea pig) (Tamura, T. (308) 315)

Corticosteroid secretion

Steroidogenesis; CGRP (calcitonin gene-related peptide); Amylin; Adrenomedullin; CGRP receptor, type 2; Adenylyl cyclase activity (Esneu, M. (308) 187)

Corticosterone

5-HT receptor subtype; Lower lip retraction; Penile erection; Head shake; Open field behavior (Berendsen, H.H.G. (308) 103)

CPP ((±)-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid)

5,7-Dichlorokynurenic acid; HA-966 (3-amino-1-hydroxy-2-pyrrolidone); Dizocilpine; Phencyclidine; Ifenprodil; 5-HT_{2C} receptor (Mazzola-Pomietto, P. (308) 329)

Cyclooxygenase

PAF (platelet-activating factor); Vasomotor tone; Endothelium; Arterial pressure; Blood flow; Noradrenaline; Glutamate; (Rabbit) (Lopes-Martins, R. (308) 287)

Defecation

5-HTP (5-hydroxytryptophan); 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor antagonist; 5-HT₄ receptor; SB 204070; (Mouse) (Banner, S.E. (308) 181)

5,7-Dichlorokynurenic acid

HA-966 (3-amino-1-hydroxy-2-pyrrolidone); Dizocilpine; Phencyclidine; Ifenprodil; CPP ((±)-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); 5-HT_{2C} receptor (Mazzola-Pomietto, P. (308) 329)

Dinitrophenol

ATP-sensitive K⁺ channel; Ca²⁺, intracellular; Chemical hypoxia; Cardiac cell; Glyburide; Fluo-3 (Brady, P.A. (308) 343)

Diphenhydramine

Pertussis toxin; Analgesia; Morphine; Baclofen; Clomipramine; Physostigmine (Galeotti, N. (308) 125)

Dizocilpine

5,7-Dichlorokynurenic acid; HA-966 (3-amino-1-hydroxy-2-pyrrolidone); Phencyclidine; Ifenprodil; CPP ((±)-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); 5-HT_{2C} receptor (Mazzola-Pomietto, P. (308) 329)

Dopamine

NMDA receptor antagonist; Neuroleptic, chronic; Locomotor activity; Memory; (Mouse) (Mele, A. (308) 1)

Dopamine D₁/D₂ receptor interaction

Accumbal shell; Accumbal core; Jaw movement; Dopamine D₁/D₂ receptor interaction; (Rat) (Koshikawa, N. (308) 227)

Accumbal shell; Accumbal core; Turning behavior; Dopamine D₁/D₃ receptor interaction; (Rat) (Koshikawa, N. (308) 235)

Dopamine D₁/D₃ receptor interaction

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Accumbal shell; Accumbal core; Turning behavior; Dopamine D₁/D₂ receptor interaction; (Rat) (Koshikawa, N. (308) 235)

Dopamine D₂ receptor

Dopamine release; Dopamine synthesis; Dopamine D₃ receptor; Microdialysis; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin) (Gainetdinov, R.R. (308) 261)

Dopamine D₃ receptor

Dopamine release; Dopamine synthesis; Dopamine D₂ receptor; Microdialysis; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin) (Gainetdinov, R.R. (308) 261)

Dopamine release

Dopamine synthesis; Dopamine D₃ receptor; Dopamine D₂ receptor; Microdialysis; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin) (Gainetdinov, R.R. (308) 261)

Dopamine synthesis

Dopamine release; Dopamine D₃ receptor; Dopamine D₂ receptor; Microdialysis; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin) (Gainetdinov, R.R. (308) 261)

DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine)

Opiate; Tolerance; Withdrawal; Locus ceruleus; (Mouse) (Dossin, O. (308) 271)

Efaroxan

Agmatine; Imidazoline receptor; Insulin secretion; Vessel; Pancreas, rat (Berdeu, D. (308) 301)

Electrophysiology

Opioid receptor; δ -Opioid receptor; μ -Opioid receptor; κ -Opioid receptor; [Met⁵]Enkephalin; Hypothalamus; Ventromedial nucleus; (Rat) (Zhang, C. (308) 153)

Endothelin-1

Ventricular cardiomyocyte; Ca²⁺ current (Kelso, E. (308) 351)

Endothelium

PAF (platelet-activating factor); Vasomotor tone; Arterial pressure; Blood flow; Noradrenaline; Glutamate; Cyclooxygenase; (Rabbit) (Lopes-Martins, R. (308) 287)

[Met⁵]Enkephalin

Opioid receptor; δ -Opioid receptor; μ -Opioid receptor; κ -Opioid receptor; Hypothalamus; Ventromedial nucleus; Electrophysiology; (Rat) (Zhang, C. (308) 153)

Enteric nerve

5-HT₃ receptor; 5-HT₄ receptor; Tachykinin; Colon, guinea-pig; Tetrodotoxin (Briejer, M.R. (308) 173)

Epilepsy

NNC 14-0185; NNC 14-0189; Benzodiazepine receptor; Seizure threshold (Jackson, H.C. (308) 21)

Estrogen

Vascular endothelium; Norepinephrine (McNeill, A.M. (308) 305)

Fluo-3

ATP-sensitive K^+ channel; Ca^{2+} , intracellular; Chemical hypoxia; Dinitrophenol; Cardiac cell; Glyburide (Brady, P.A. (308) 343)

Fluphenazine

Microdialysis; Caudate putamen; Nucleus accumbens; Glutamate; GABA (γ -aminobutyric acid) (See, R.E. (308) 279)

Free radical

Apomorphine; Lipid peroxidation; Protein carbonyl; Iron; Ascorbate; Thiobarbituric acid (Gassen, M. (308) 219)

GABA (γ -aminobutyric acid)

Fluphenazine; Microdialysis; Caudate putamen; Nucleus accumbens; Glutamate (See, R.E. (308) 279)

GABA (γ -aminobutyric acid) transport

Tetrahydrocannabinol; Pallidal slice; SR 141716A (Maneuf, Y.P. (308) 161)

GABA_B receptor

(*R,S*)-Baclofen; (*R*)-Saclofen (Kerr, D.I.B. (308) R1)

GF 109203X (2-(1-(3-dimethylaminopropyl)-indol-3-yl)-3-(indol-3-yl)-maleimide)

Iris dilator, rabbit; Phorbol 12,13-dibutyrate (PDB); Ca^{2+} mobilization; Protein kinase C; H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine dihydrochloride); H-88 (*N*-(2-cinnamylaminoethyl)-5-isoquinolinesulfonamide) (Satoh, M. (308) 145)

Glimepiride

KK-Ay mouse; Sulfonylurea; Insulin receptor (Takada, Y. (308) 205)

Glu₁-flop receptor

AMPA receptor agonist; NBQX (2,3-dihydroxy-6-nitro-7-sulfamoylbenzo(*f*)quinoxaline); (Pharmacology) (Wahl, P. (308) 211)

Glutamate

Fluphenazine; Microdialysis; Caudate putamen; Nucleus accumbens; GABA (γ -aminobutyric acid) (See, R.E. (308) 279)

PAF (platelet-activating factor); Vasomotor tone; Endothelium; Arterial pressure; Blood flow; Noradrenaline; Cyclooxygenase; (Rabbit) (Lopes-Martins, R. (308) 287)

Glyburide

ATP-sensitive K^+ channel; Ca^{2+} , intracellular; Chemical hypoxia; Dinitrophenol; Cardiac cell; Fluo-3 (Brady, P.A. (308) 343)

HA-966 (3-amino-1-hydroxy-2-pyrrolidone)

5,7-Dichlorokynurenic acid; Dizocilpine; Phencyclidine; Ifenprodil; CPP (($\pm$)-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); 5-HT_{2C} receptor (Mazzola-Pomietto, P. (308) 329)

Head shake

Corticosterone; 5-HT receptor subtype; Lower lip retraction; Penile erection; Open field behavior (Berendsen, H.H.G. (308) 103)

Heart

Adenosine receptor; β -Adrenoceptor; Species difference; (Guinea pig); (Pig); (Rabbit); (Rat) (Musser, B. (308) 357)

Hemodynamics

Adenosine A₃ receptor; Histamine release; Tachyphylaxis; 2-Chloro-*N*⁶-(3-iodobenzyl)adenosine-5-*N*-ethylcarboxamide (2-Cl-IB-MECA); Rat, conscious (Van Schaick, E.A. (308) 311)

H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine dihydrochloride)

Iris dilator, rabbit; Phorbol 12,13-dibutyrate (PDB); Ca^{2+} mobilization; Protein kinase C; GF 109203X (2-(1-(3-dimethylaminopropyl)-indol-3-yl)-3-(indol-3-yl)-maleimide); H-88 (*N*-(2-cinnamylaminoethyl)-5-isoquinolinesulfonamide) (Satoh, M. (308) 145)

Histamine

Morphine; Colonic temperature; Histamine receptor antagonist (Ulugöl, A. (308) 49)

Histamine receptor antagonist

Morphine; Histamine; Colonic temperature (Ulugöl, A. (308) 49)

Histamine release

Adenosine A₃ receptor; Hemodynamics; Tachyphylaxis; 2-Chloro-*N*⁶-(3-iodobenzyl)adenosine-5-*N*-ethylcarboxamide (2-Cl-IB-MECA); Rat, conscious (Van Schaick, E.A. (308) 311)

H-88 (*N*-(2-cinnamylaminoethyl)-5-isoquinolinesulfonamide)

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Hoe140

Bradykinin; Pneumococcal meningitis; Cerebral blood flow; Brain edema; Intracranial pressure (Lorenzl, S. (308) 335)

Hormone secretion

Atrial natriuretic peptide; Thapsigargin; Mechanical stretch (Taskinen, P. (308) 295)

5-HT (5-hydroxytryptamine, serotonin)

Paracetamol; Antinociception; 5-HT receptor, brain (Pini, L.A. (308) 31)

5-HTP (5-hydroxytryptophan); 5-HT receptor antagonist; 5-HT₄ receptor; SB 204070; Defecation; (Mouse) (Banner, S.E. (308) 181)

Aging; Alzheimer's disease; Spatial navigation; Nicotine; Tetrahydroaminoacridine (Riekkinen, M. (308) 243)

5-HT receptor antagonist; Stomach; Contraction; Relaxation; (Guinea pig) (Tamura, T. (308) 315)

5-HTP (5-hydroxytryptophan)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor antagonist; 5-HT₄ receptor; SB 204070; Defecation; (Mouse) (Banner, S.E. (308) 181)

5-HT_{2C} receptor

5,7-Dichlorokynurenic acid; HA-966 (3-amino-1-hydroxy-2-pyrrolidone); Dizocilpine; Phencyclidine; Ifenprodil; CPP (($\pm$)-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid) (Mazzola-Pomietto, P. (308) 329)

5-HT₃ receptor

5-HT₄ receptor; Tachykinin; Colon, guinea-pig; Tetrodotoxin; Enteric nerve (Briejer, M.R. (308) 173)

5-HT₄ receptor

5-HT₃ receptor; Tachykinin; Colon, guinea-pig; Tetrodotoxin; Enteric nerve (Briejer, M.R. (308) 173)

5-HTP (5-hydroxytryptophan); 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor antagonist; SB 204070; Defecation; (Mouse) (Banner, S.E. (308) 181)

5-HT receptor antagonist

5-HTP (5-hydroxytryptophan); 5-HT (5-hydroxytryptamine, serotonin); 5-HT₄ receptor; SB 204070; Defecation; (Mouse) (Banner, S.E. (308) 181)

5-HT (5-hydroxytryptamine, serotonin); Stomach; Contraction; Relaxation; (Guinea pig) (Tamura, T. (308) 315)

5-HT receptor, brain

Paracetamol; Antinociception; 5-HT (5-hydroxytryptamine, serotonin) (Pini, L.A. (308) 31)

5-HT receptor subtype

Corticosterone; Lower lip retraction; Penile erection; Head shake; Open field behavior (Berendsen, H.H.G. (308) 103)

Hyperalgesia

Substance P; Neurokinin A; Tachykinin NK₁ receptor; Nociception; Analgesia (Yashpal, K. (308) 41)

Hypothalamus

Opioid receptor; δ -Opioid receptor; μ -Opioid receptor; κ -Opioid receptor; [Met⁵]Enkephalin; Ventromedial nucleus; Electrophysiology; (Rat) (Zhang, C. (308) 153)

Ifenprodil

5,7-Dichlorokynurenic acid; HA-966 (3-amino-1-hydroxy-2-pyrrolidone); Dizocilpine; Phencyclidine; CPP (($\pm$)-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); 5-HT_{2C} receptor (Mazzola-Pomietto, P. (308) 329)

Imidazoline receptor

Agmatine; Efaroxan; Insulin secretion; Vessel; Pancreas, rat (Berdeu, D. (308) 301)

Inflammation

Phospholipase A₂; Transgenic mouse; Phospholipase inhibitor (Fox, N. (308) 195)

Inotropic effect, negative

CD-832; Ca²⁺ channel antagonist; Myocardium; Chronotropic effect, negative; (Guinea-pig) (Noguchi, K. (308) 53)

Insulin receptor

Glimepiride; KK-Ay mouse; Sulfonylurea (Takada, Y. (308) 205)

Insulin secretion

Agmatine; Efaroxan; Imidazoline receptor; Vessel; Pancreas, rat (Berdeu, D. (308) 301)

Intracranial pressure

Bradykinin; Hoe140; Pneumococcal meningitis; Cerebral blood flow; Brain edema (Lorenzl, S. (308) 335)

Iris dilator, rabbit

Phorbol 12,13-dibutyrate (PDB); Ca²⁺ mobilization; Protein kinase C; GF 109203X (2-(1-(3-dimethylaminopropyl)-indol-3-yl)-3-(indol-3-yl)-maleimide); H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine dihydrochloride); H-88 (N-(2-cinnamylaminoethyl)-5-isoquinolinesulfonamide) (Sato, M. (308) 145)

Iron

Apomorphine; Free radical; Lipid peroxidation; Protein carbonyl; Ascorbate; Thiobarbituric acid (Gassen, M. (308) 219)

Isomeric activity ratio

β/β_3 -Adrenoceptor, atypical; β_3 -Adrenoceptor; Smooth muscle, esophageal, rat; Trimetoquinol; BRL 37344 (Lezama, E.J. (308) 69)

Jaw movement

Accumbal shell; Accumbal core; Dopamine D₁/D₂ receptor interaction; Dopamine D₁/D₃ receptor interaction; (Rat) (Koshikawa, N. (308) 227)

Ketorolac

Caffeine; Nitric oxide (NO); N^G-Nitro-L-arginine methyl ester (L-NAME); Potentiation; Antinociception (López-Muñoz, F.J. (308) 275)

Kidney

Angiotensin II; Nitric oxide (NO); Losartan; L-NAME (N^ω-nitro-L-arginine methyl ester); (Rabbit) (Adachi, Y. (308) 165)

KK-Ay mouse

Glimepiride; Sulfonylurea; Insulin receptor (Takada, Y. (308) 205)

LA-N-2 cell

Phospholipase C; Norepinephrine; *t*-ACPD (*trans*-1-amino-1,3-cyclopentanedicarboxylic acid); Bombesin; β -Adrenoceptor; Metabotropic (Sorrentino, G. (308) 81)

Learning

Memory; Synaptic plasticity; Cholinergic system; Muscarinic receptor agonist; AF102B; Oxotremorine (Iga, Y. (308) 13)

Lipid peroxidation

Apomorphine; Free radical; Protein carbonyl; Iron; Ascorbate; Thiobarbituric acid (Gassen, M. (308) 219)

Locomotor activity

NMDA receptor antagonist; Dopamine; Neuroleptic, chronic; Memory; (Mouse) (Mele, A. (308) 1)

Locus ceruleus

Opiate; Tolerance; Withdrawal; DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine); (Mouse) (Dossin, O. (308) 271)

Losartan

Angiotensin II; Nitric oxide (NO); L-NAME (N^ω-nitro-L-arginine methyl ester); Kidney; (Rabbit) (Adachi, Y. (308) 165)

Lower lip retraction

Corticosterone; 5-HT receptor subtype; Penile erection; Head shake; Open field behavior (Berendsen, H.H.G. (308) 103)

Mechanical stretch

Atrial natriuretic peptide; Thapsigargin; Hormone secretion (Taskinen, P. (308) 295)

Melatonin

Parasympathetic; Pineal; Microdialysis; Muscarinic receptor agonist; Carbachol; Noradrenaline release (Drijfhout, W.J. (308) 117)

Memory

NMDA receptor antagonist; Dopamine; Neuroleptic, chronic; Locomotor activity; (Mouse) (Mele, A. (308) 1)

Learning; Synaptic plasticity; Cholinergic system; Muscarinic receptor agonist; AF102B; Oxotremorine (Iga, Y. (308) 13)

Metabotropic

Phospholipase C; Norepinephrine; *t*-ACPD (*trans*-1-amino-1,3-cyclopentanedicarboxylic acid); Bombesin; LA-N-2 cell; β -Adrenoceptor (Sorrentino, G. (308) 81)

Microdialysis

Parasympathetic; Pineal; Melatonin; Muscarinic receptor agonist; Carbachol; Noradrenaline release (Drijfhout, W.J. (308) 117)

Dopamine release; Dopamine synthesis; Dopamine D₃ receptor; Dopamine D₂ receptor; 7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin) (Gainetdinov, R.R. (308) 261)

Fluphenazine; Caudate putamen; Nucleus accumbens; Glutamate; GABA (γ -aminobutyric acid) (See, R.E. (308) 279)

Microvascular leakage

Tachykinin receptor antagonist; (Guinea-pig) (Biyah, K. (308) 325)

Morphine

Histamine; Colonic temperature; Histamine receptor antagonist (Ulugöl, A. (308) 49)

Pertussis toxin; Analgesia; Diphenhydramine; Baclofen; Clomipramine; Physostigmine (Galeotti, N. (308) 125)

Muscarinic receptor agonist

Learning; Memory; Synaptic plasticity; Cholinergic system; AF102B; Oxotremorine (Iga, Y. (308) 13)

Parasympathetic; Pineal; Melatonin; Microdialysis; Carbachol; Noradrenaline release (Drijfhout, W.J. (308) 117)

Myocardium

CD-832; Ca²⁺ channel antagonist; Chronotropic effect, negative; Inotropic effect, negative; (Guinea-pig) (Noguchi, K. (308) 53)

L-NAME (*N*^ω-nitro-L-arginine methyl ester)

Angiotensin II; Nitric oxide (NO); Losartan; Kidney; (Rabbit) (Adachi, Y. (308) 165)

NBQX (2,3-dihydroxy-6-nitro-7-sulfamoylbenzo(*f*)quinoxaline)

Glu₁-flop receptor; AMPA receptor agonist; (Pharmacology) (Wahl, P. (308) 211)

Neurohypophyseal hormone

Social recognition; Social memory, rat; Oxytocin; PLG (prolyl-leucyl-glycinamide); Structure activity (Popik, P. (308) 113)

Neurokinin A

Substance P; Tachykinin NK₁ receptor; Nociception; Analgesia; Hyperalgesia (Yashpal, K. (308) 41)

Neuroleptic, chronic

NMDA receptor antagonist; Dopamine; Locomotor activity; Memory; (Mouse) (Mele, A. (308) 1)

Nicotine

Aging; Alzheimer's disease; Spatial navigation; 5-HT (5-hydroxytryptamine, serotonin); Tetrahydroaminoacridine (Riekkinen, M. (308) 243)

Nitric oxide (NO)

Ticlopidine; Thrombolysis; Anti-platelet potency; Prostacyclin; Tissue plasminogen activator (Gryglewski, R.J. (308) 61)

Angiotensin II; Losartan; L-NAME (*N*^ω-nitro-L-arginine methyl ester); Kidney; (Rabbit) (Adachi, Y. (308) 165)

Ketorolac; Caffeine; *N*^G-Nitro-L-arginine methyl ester (L-NAME); Potentiation; Antinociception (López-Muñoz, F.J. (308) 275)

Nitrobenzylthioinosine

Adenosine; Nucleoside transport; Propentofylline (Parkinson, F.E. (308) 97)

***N*^G-Nitro-L-arginine methyl ester (L-NAME)**

Ketorolac; Caffeine; Nitric oxide (NO); Potentiation; Antinociception (López-Muñoz, F.J. (308) 275)

NMDA receptor antagonist

Dopamine; Neuroleptic, chronic; Locomotor activity; Memory; (Mouse) (Mele, A. (308) 1)

NMDA receptor subtype

Spinal cord; [³H]Noradrenaline release (Klarica, M. (308) 135)

NNC 14-0185

NNC 14-0189; Benzodiazepine receptor; Seizure threshold; Epilepsy (Jackson, H.C. (308) 21)

NNC 14-0189

NNC 14-0185; Benzodiazepine receptor; Seizure threshold; Epilepsy (Jackson, H.C. (308) 21)

Nociception

Substance P; Neurokinin A; Tachykinin NK₁ receptor; Analgesia; Hyperalgesia (Yashpal, K. (308) 41)

Noradrenaline

PAF (platelet-activating factor); Vasomotor tone; Endothelium; Arterial pressure; Blood flow; Glutamate; Cyclooxygenase; (Rabbit) (Lopes-Martins, R. (308) 287)

Noradrenaline release

Parasympathetic; Pineal; Melatonin; Microdialysis; Muscarinic receptor agonist; Carbachol (Drijfhout, W.J. (308) 117)

[³H]Noradrenaline release

Spinal cord; NMDA receptor subtype (Klarica, M. (308) 135)

Noradrenergic mechanism

Colonic inflammation; Visceral nociception; Clonidine; S12813-4; Antinociceptive effect (Miampamba, M. (308) 251)

Norepinephrine

Phospholipase C; *t*-ACPD (*trans*-1-amino-1,3-cyclopentanedicarboxylic acid); Bombesin; LA-N-2 cell; β -Adrenoceptor; Metabotropic (Sorrentino, G. (308) 81)

Estrogen; Vascular endothelium (McNeill, A.M. (308) 305)

Nucleoside transport

Nitrobenzylthioinosine; Adenosine; Propentofylline (Parkinson, F.E. (308) 97)

Nucleus accumbens

Fluphenazine; Microdialysis; Caudate putamen; Glutamate; GABA (γ -aminobutyric acid) (See, R.E. (308) 279)

Striatum; Basal forebrain (Wallace, D.R. (308) 283)

7-OH-DPAT (7-hydroxy-2-(di-*n*-propylamino)tetralin)

Dopamine release; Dopamine synthesis; Dopamine D₃ receptor; Dopamine D₂ receptor; Microdialysis (Gainetdinov, R.R. (308) 261)

Open field behavior

Corticosterone; 5-HT receptor subtype; Lower lip retraction; Penile erection; Head shake (Berendsen, H.H.G. (308) 103)

Opiate

Tolerance; Withdrawal; DSP-4 (*N*-(2-chloroethyl)-*N*-ethyl-2-bromobenzyamine); Locus ceruleus; (Mouse) (Dossin, O. (308) 271)

Opioid receptor

δ -Opioid receptor; μ -Opioid receptor; κ -Opioid receptor; [Met⁵]Enkephalin; Hypothalamus; Ventromedial nucleus; Electrophysiology; (Rat) (Zhang, C. (308) 153)

δ -Opioid receptor

Opioid receptor; μ -Opioid receptor; κ -Opioid receptor; [Met⁵]Enkephalin; Hypothalamus; Ventromedial nucleus; Electrophysiology; (Rat) (Zhang, C. (308) 153)

κ -Opioid receptor

Opioid receptor; δ -Opioid receptor; μ -Opioid receptor; [Met⁵]Enkephalin; Hypothalamus; Ventromedial nucleus; Electrophysiology; (Rat) (Zhang, C. (308) 153)

μ -Opioid receptor

Opioid receptor; δ -Opioid receptor; κ -Opioid receptor; [Met⁵]Enkephalin; Hypothalamus; Ventromedial nucleus; Electrophysiology; (Rat) (Zhang, C. (308) 153)

Oxotremorine

Learning; Memory; Synaptic plasticity; Cholinergic system; Muscarinic receptor agonist; AF102B (Iga, Y. (308) 13)

Oxytocin

Social recognition; Social memory, rat; PLG (prolyl-leucyl-glycinamide); Neurohypophyseal hormone; Structure activity (Popik, P. (308) 113)

Oxytocin receptor

Vasopressin receptor; Uterus; Pregnancy; (Rat) (Anouar, A. (308) 87)

PAF (platelet-activating factor)

Vasomotor tone; Endothelium; Arterial pressure; Blood flow; Noradrenaline; Glutamate; Cyclooxygenase; (Rabbit) (Lopes-Martins, R. (308) 287)

Pallidal slice

Tetrahydrocannabinol; GABA (γ -aminobutyric acid) transport; SR 141716A (Maneuf, Y.P. (308) 161)

Pancreas, rat

Agmatine; Efaroxan; Imidazoline receptor; Insulin secretion; Vessel (Berdeu, D. (308) 301)

Paracetamol

Antinociception; 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor, brain (Pini, L.A. (308) 31)

Parasympathetic

Pineal; Melatonin; Microdialysis; Muscarinic receptor agonist; Carbachol; Noradrenaline release (Drijfhout, W.J. (308) 117)

Penile erection

Corticosterone; 5-HT receptor subtype; Lower lip retraction; Head shake; Open field behavior (Berendsen, H.H.G. (308) 103)

Pertussis toxin

Analgesia; Morphine; Diphenhydramine; Baclofen; Clomipramine; Physostigmine (Galeotti, N. (308) 125)

Phencyclidine

5,7-Dichlorokynurenine acid; HA-966 (3-amino-1-hydroxy-2-pyrrolidone); Dizocilpine; Ifenprodil; CPP (($\pm$))-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid; 5-HT_{2C} receptor (Mazzola-Pomietto, P. (308) 329)

Phorbol 12,13-dibutyrate (PDB)

Iris dilator, rabbit; Ca²⁺ mobilization; Protein kinase C; GF 109203X (2-(1-(3-dimethylaminopropyl)-indol-3-yl)-3-(indol-3-yl)-maleimide); H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine dihydrochloride); H-88 (*N*-(2-cinnamylaminoethyl)-5-isoquinolinesulfonamide) (Satoh, M. (308) 145)

Phospholipase A₂

Inflammation; Transgenic mouse; Phospholipase inhibitor (Fox, N. (308) 195)

Phospholipase C

Norepinephrine; *t*-ACPD (*trans*-1-amino-1,3-cyclopentanedicarboxylic acid); Bombesin; LA-N-2 cell; β -Adrenoceptor; Metabotropic (Sorrentino, G. (308) 81)

Phospholipase inhibitor

Phospholipase A₂; Inflammation; Transgenic mouse (Fox, N. (308) 195)

Physostigmine

Pertussis toxin; Analgesia; Morphine; Diphenhydramine; Baclofen; Clomipramine (Galeotti, N. (308) 125)

Pineal

Parasympathetic; Melatonin; Microdialysis; Muscarinic receptor agonist; Carbachol; Noradrenaline release (Drijfhout, W.J. (308) 117)

PLG (prolyl-leucyl-glycinamide)

Social recognition; Social memory, rat; Oxytocin; Neurohypophyseal hormone; Structure activity (Popik, P. (308) 113)

Pneumococcal meningitis

Bradykinin; Hoe140; Cerebral blood flow; Brain edema; Intracranial pressure (Lorenz, S. (308) 335)

Potentiation

Ketorolac; Caffeine; Nitric oxide (NO); *N*^G-Nitro-L-arginine methyl ester (L-NAME); Antinociception (López-Muñoz, F.J. (308) 275)

Pregnancy

Vasopressin receptor; Oxytocin receptor; Uterus; (Rat) (Anouar, A. (308) 87)

Propentofylline

Nitrobenzylthioinosine; Adenosine; Nucleoside transport (Parkinson, F.E. (308) 97)

Prostacyclin

Ticlopidine; Thrombolysis; Anti-platelet potency; Nitric oxide (NO); Tissue plasminogen activator (Gryglewski, R.J. (308) 61)

Protein carbonyl

Apomorphine; Free radical; Lipid peroxidation; Iron; Ascorbate; Thiobarbituric acid (Gassen, M. (308) 219)

Protein kinase C

Iris dilator, rabbit; Phorbol 12,13-dibutyrate (PDB); Ca²⁺ mobilization; GF 109203X (2-(1-(3-dimethylaminopropyl)-indol-3-yl)-3-(indol-3-yl)-maleimide); H-7 (1-(5-isoquinolinesulfonyl)-2-methylpiperazine dihydrochloride); H-88 (*N*-(2-cinnamylaminoethyl)-5-isoquinolinesulfonamide) (Satoh, M. (308) 145)

Rat, conscious

Adenosine A₃ receptor; Hemodynamics; Histamine release; Tachyphylaxis; 2-Chloro-*N*⁶-(3-iodobenzyl)adenosine-5-*N*-ethylcarboxamide (2-Cl-IB-MECA) (Van Schaick, E.A. (308) 311)

Relaxation

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor antagonist; Stomach; Contraction; (Guinea pig) (Tamura, T. (308) 315)

S12813-4

Colonic inflammation; Visceral nociception; Clonidine; Antinociceptive effect; Noradrenergic mechanism (Miampamba, M. (308) 251)

(*R*)-Saclofen

GABA_B receptor; (*R,S*)-Baclofen (Kerr, D.I.B. (308) R1)

SB 204070

5-HTP (5-hydroxytryptophan); 5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor antagonist; 5-HT₄ receptor; Defecation; (Mouse) (Banner, S.E. (308) 181)

Seizure threshold

NNC 14-0185; NNC 14-0189; Benzodiazepine receptor; Epilepsy (Jackson, H.C. (308) 21)

Smooth muscle, esophageal, rat

β/β₃-Adrenoceptor, atypical; β₃-Adrenoceptor; Trimetoquinol; Isomeric activity ratio; BRL 37344 (Lezama, E.J. (308) 69)

Social memory, rat

Social recognition; Oxytocin; PLG (prolyl-leucyl-glycinamide); Neurohypophyseal hormone; Structure activity (Popik, P. (308) 113)

Social recognition

Social memory, rat; Oxytocin; PLG (prolyl-leucyl-glycinamide); Neurohypophyseal hormone; Structure activity (Popik, P. (308) 113)

Spatial navigation

Aging; Alzheimer's disease; 5-HT (5-hydroxytryptamine, serotonin); Nicotine; Tetrahydroaminoacridine (Riekkinen, M. (308) 243)

Species difference

Heart; Adenosine receptor; β-Adrenoceptor; (Guinea pig); (Pig); (Rabbit); (Rat) (Musser, B. (308) 357)

Spinal cord

[³H]Noradrenaline release; NMDA receptor subtype (Klarica, M. (308) 135)

SR 141716A

Tetrahydrocannabinol; GABA (γ-aminobutyric acid) transport; Pallidal slice (Maneuf, Y.P. (308) 161)

Steroidogenesis

CGRP (calcitonin gene-related peptide); Amylin; Adrenomedullin; CGRP receptor, type 2; Corticosteroid secretion; Adenylyl cyclase activity (Esneu, M. (308) 187)

Stomach

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor antagonist; Contraction; Relaxation; (Guinea pig) (Tamura, T. (308) 315)

Striatum

Nucleus accumbens; Basal forebrain (Wallace, D.R. (308) 283)

Structure activity

Social recognition; Social memory, rat; Oxytocin; PLG (prolyl-leucyl-glycinamide); Neurohypophyseal hormone (Popik, P. (308) 113)

Substance P

Neurokinin A; Tachykinin NK₁ receptor; Nociception; Analgesia; Hyperalgesia (Yashpal, K. (308) 41)

Sulfonylurea

Glimepiride; KK-Ay mouse; Insulin receptor (Takada, Y. (308) 205)

Synaptic plasticity

Learning; Memory; Cholinergic system; Muscarinic receptor agonist; AF102B; Oxotremorine (Iga, Y. (308) 13)

Tachykinin

5-HT₃ receptor; 5-HT₄ receptor; Colon, guinea-pig; Tetrodotoxin; Enteric nerve (Briejer, M.R. (308) 173)

Tachykinin NK₁ receptor

Substance P; Neurokinin A; Nociception; Analgesia; Hyperalgesia (Yashpal, K. (308) 41)

Tachykinin receptor antagonist

Microvascular leakage; (Guinea-pig) (Biyah, K. (308) 325)

Tachyphylaxis

Adenosine A₃ receptor; Hemodynamics; Histamine release; 2-Chloro-*N*⁶-(3-iodobenzyl)adenosine-5-*N*-ethylcarboxamide (2-Cl-IB-MECA); Rat, conscious (Van Schaick, E.A. (308) 311)

Tetrahydroaminoacridine

Aging; Alzheimer's disease; Spatial navigation; 5-HT (5-hydroxytryptamine, serotonin); Nicotine (Riekkinen, M. (308) 243)

Tetrahydrocannabinol

GABA (γ-aminobutyric acid) transport; Pallidal slice; SR 141716A (Maneuf, Y.P. (308) 161)

Tetrodotoxin

5-HT₃ receptor; 5-HT₄ receptor; Tachykinin; Colon, guinea-pig; Enteric nerve (Briejer, M.R. (308) 173)

Thapsigargin

Atrial natriuretic peptide; Hormone secretion; Mechanical stretch (Taskinen, P. (308) 295)

Thiobarbituric acid

Apomorphine; Free radical; Lipid peroxidation; Protein carbonyl; Iron; Ascorbate (Gassen, M. (308) 219)

Thrombolysis

Ticlopidine; Anti-platelet potency; Prostacyclin; Nitric oxide (NO); Tissue plasminogen activator (Gryglewski, R.J. (308) 61)

Ticlopidine

Thrombolysis; Anti-platelet potency; Prostacyclin; Nitric oxide (NO); Tissue plasminogen activator (Gryglewski, R.J. (308) 61)

Tissue plasminogen activator

Ticlopidine; Thrombolysis; Anti-platelet potency; Prostacyclin; Nitric oxide (NO) (Gryglewski, R.J. (308) 61)

Tolerance

Opiate; Withdrawal; DSP-4 (*N*-(2-chloroethyl)-*N*-ethyl-2-bromobenzylamine); Locus ceruleus; (Mouse) (Dossin, O. (308) 271)

Transgenic mouse

Phospholipase A₂; Inflammation; Phospholipase inhibitor (Fox, N. (308) 195)

Trimetoquinol

β/β_3 -Adrenoceptor, atypical; β_3 -Adrenoceptor; Smooth muscle, esophageal, rat; Isomeric activity ratio; BRL 37344 (Lezama, E.J. (308) 69)

Turning behavior

Accumbal shell; Accumbal core; Dopamine D_1/D_2 receptor interaction; Dopamine D_1/D_3 receptor interaction; (Rat) (Koshikawa, N. (308) 235)

Uterus

Vasopressin receptor; Oxytocin receptor; Pregnancy; (Rat) (Anouar, A. (308) 87)

Vascular endothelium

Estrogen; Norepinephrine (McNeill, A.M. (308) 305)

Vasomotor tone

PAF (platelet-activating factor); Endothelium; Arterial pressure; Blood flow; Noradrenaline; Glutamate; Cyclooxygenase; (Rabbit) (Lopes-Martins, R. (308) 287)

Vasopressin receptor

Oxytocin receptor; Uterus; Pregnancy; (Rat) (Anouar, A. (308) 87)

Ventricular cardiomyocyte

Endothelin-1; Ca^{2+} current (Kelso, E. (308) 351)

Ventromedial nucleus

Opioid receptor; δ -Opioid receptor; μ -Opioid receptor; κ -Opioid receptor; [Met⁵]Enkephalin; Hypothalamus; Electrophysiology; (Rat) (Zhang, C. (308) 153)

Vessel

Agmatine; Efaroxan; Imidazoline receptor; Insulin secretion; Pancreas, rat (Berdeu, D. (308) 301)

Visceral nociception

Colonic inflammation; Clonidine; S12813-4; Antinociceptive effect; Noradrenergic mechanism (Miampamba, M. (308) 251)

Withdrawal

Opiate; Tolerance; DSP-4 (*N*-(2-chloroethyl)-*N*-ethyl-2-bromobenzylamine); Locus ceruleus; (Mouse) (Dossin, O. (308) 271)