ELSEVIER

European Journal of Pharmacology 294 (1995) 811–827

ejp

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BD737 (1*S*,2*R*-(−)-*N*-[2-(3,4-dichlorophenyl)ethyl]-*N*-methyl-2-(1-pyrrolidinyl)cyclohexylamine)
σ Receptor; Dopamine release; (+)-Pentazocine; DuP 734 (1-(cyclopropylmethyl)-4-(2′-(4″-fluorophenyl)-2′-oxoethyl)piperidine HBr); BD1008 (*N*-[2-(3,4-dichlorophenyl)ethyl]-*N*-methyl-2-pyrrodinyl) cyclohexylamine) (Gonzalez-Alvear, G.M. (294) 713)

Behavior
α-Trinositol; Antinociception; Intrathecal; Formalin test; (Rat) (Malmberg, A.B. (294) 609)

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CCK receptor antagonist
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DPLPE ([D-Pen^2,L-Pen^5]enkephalin)
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Cocaine; Diphenhydramine; Doxylamine (Gauvin, D.V. (294) 281)

Drug metabolism
Rebamipide; Hepatic secretion; Ischemia/reperfusion (Lee, S.-M. (294) 41)

DuP 734 (1-(cyclopropylmethyl)-4-(2′-(4″-fluorophenyl)-2′-oxoethyl)piperidine HBr)
σ Receptor; Dopamine release; (+)-Pentazocine; BD737 (1*S*,2*R*-(−)-*N*-[2-(3,4-dichlorophenyl)ethyl]-*N*-methyl-2-(1-pyrrolidinyl)cyclohexylamine); BD1008 (*N*-[2-(3,4-dichlorophenyl)ethyl]-*N*-methyl-2-pyrrodinyl)cyclohexylamine) (Gonzalez-Alvear, G.M. (294) 713)

Dynorphin A-(1–13)
DAMGO ([D-Ala^2,*N*-Me-Phe^4,Gly^5-ol]enkephalin); DPLPE ([D-Pen^2,L-Pen^5]enkephalin); 6-Hydroxydopamine; Apomorphine; (Mouse) (Toyoshi, T. (294) 637)

Edema
Carbamazepine; Inflammatory hyperalgesia; Nociception; Prostaglandin; Substance P (Bianchi, M. (294) 71)

Electrophysiology
Vasorelaxation; Heart; ATP-sensitive K^+ channel; His bundle; Conduction; Refractory period (D'Alonzo, A.J. (294) 271)

5-HT (5-hydroxytryptamine, serotonin); 1-(2-Pyrimidinyl)piperazine; Hippocampus; Excitatory synaptic transmission; 5-HT_{1A} receptor; Azapirone (Manahan-Vaughan, D. (294) 617)

Electrophysiology, in vitro
Hippocampus; Dentate gyrus; Glutamate metabotropic receptor; Synaptic transmission; Extracellular recording (Ugolini, A. (294) 403)

Eliprodil
Ca^{2+} channel; Whole-cell voltage-clamp; Dissociated Purkinje neuron; Inactivation (Biton, B. (294) 91)

EMD 57033
Ca^{2+}; Myofilament; Ca^{2+} sensitiser; Skinned fiber; Rigor (Palmer, S. (294) 83)

β-Endorphin
Antinociception; Morphine; Pertussis toxin; G-protein (Tseng, L.F. (294) 345)

β-Endorphin receptor
Morphine derivative; Metopon; Cinnamoylamino group; Analgesia; (Mouse) (McLaughlin, J.P. (294) 201)

Endothelial cell
Smooth muscle cell; Diabetes mellitus; Atherosclerosis; Aminoguanidine; Glutathione; Aldose-reductase (Graier, W.F. (294) 221)

Endothelin
Diabetes; Hindquarters; Arachidonic acid; 5-HT (5-hydroxytryptamine, serotonin); Thromboxane (James, G.M. (294) 109)

Endothelin receptor; Protein kinase C; Ca^{2+} sensitization; Smooth muscle, vascular (Sudjarwo, S.A. (294) 261)

Cyclosporine A; Nephrotoxicity; Renal failure (Brooks, D.P. (294) 571)

Endothelin-1
17β-Estradiol; Estrogen; Vascular smooth muscle; Ca^{2+} current, L-type, voltage-dependent; Vasopressin; Ca^{2+}-permeable non-selective cation current (Nakajima, T. (294) 625)

Endothelin ET_A receptor
Pial vein; Endothelin ET_B receptor; IRL 1620; (Dog) (Fernández, N. (294) 483)

Endothelin ET_B receptor
Pial vein; Endothelin ET_A receptor; IRL 1620; (Dog) (Fernández, N. (294) 483)

Endothelin receptor
Endothelin; Protein kinase C; Ca^{2+} sensitization; Smooth muscle, vascular (Sudjarwo, S.A. (294) 261)

Endothelin receptor antagonist
Renal blood flow; Hypertension (Bird, J.E. (294) 183)

Endothelium
Nucleotide receptor; ATP receptor; UTP receptor; Aorta, rat; Smooth muscle, vascular (García-Velasco, G. (294) 521)

Intimal thickening; Vascular reactivity; Glucocorticoid; Nitric oxide (NO); Carotid artery, rabbit (Van Put, D.J.M. (294) 753)

Endotoxin
Septic shock; DNA fragmentation; K^+ channel; Systemic inflammatory response syndrome; Cerebral malaria (Gantner, F. (294) 353)

Epilepsy
2,3-Benzodiazepine; GYKI 52466; Aniracetam; AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); Anticonvulsant drug; Audiogenic seizure; (DBA/2 mouse) (De Sarro, G. (294) 411)

Esophageal muscularis mucosae
Muscarinic receptor; Receptor alkylation (Watson, N. (294) 779)

17β-Estradiol
Estrogen; Vascular smooth muscle; Ca^{2+} current, L-type, voltage-dependent; Endothelin-1; Vasopressin; Ca^{2+}-permeable non-selective cation current (Nakajima, T. (294) 625)

Estrogen
17β-Estradiol; Vascular smooth muscle; Ca^{2+} current, L-type, voltage-dependent; Endothelin-1; Vasopressin; Ca^{2+}-permeable non-selective cation current (Nakajima, T. (294) 625)

Excitatory amino acid
NMDA receptor antagonist; AP-5 (DL-2-amino-5-phosphonovaleric acid); MK-801 ((+)-5-methyl-10,11-dihydro(*a*,*d*)-cyclohepten-5,10-imine hydrogen maleate salt); Dopamine; Locomotor activity (Ouagazzal, A. (294) 137)

Excitatory synaptic transmission
5-HT (5-hydroxytryptamine, serotonin); 1-(2-Pyrimidinyl)piperazine; Hippocampus; Electrophysiology; 5-HT_{1A} receptor; Azapirone (Manahan-Vaughan, D. (294) 617)

Extracellular recording
Hippocampus; Dentate gyrus; Glutamate metabotropic receptor; Synaptic transmission; Electrophysiology, in vitro (Ugolini, A. (294) 403)

Felbamate
Traumatic brain injury; Long-term potentiation; CA1; Hippocampus (Wallis, R.A. (294) 475)

Fenspiride
Lipopolysaccharide; TNF (tumor necrosis factor); Alveolar macrophage, guinea-pig; Phospholipase A_2 (De Castro, C.M.M.B. (294) 669)

Fibrinogen receptor antagonist
Triflavin; RGD (Arg-Gly-Asp)-containing peptide; Bleeding time; Mesenteric artery; Thrombosis (Sheu, J.-R. (294) 231)

Flupirtine
Focal cerebral ischemia; Primary neuronal culture; Glutamate; Ca^{2+}, cytosolic; Fura-2 (Rupalla, K. (294) 469)

Focal cerebral ischemia
Flupirtine; Primary neuronal culture; Glutamate; Ca^{2+}, cytosolic; Fura-2 (Rupalla, K. (294) 469)

Forced swim test
Stress; 5-HT_2 receptor; Wet-dog shake; β-Adrenoceptor (Takao, K. (294) 721)

Formalin test
α-Trinositol; Antinociception; Intrathecal; Behavior; (Rat) (Malmberg, A.B. (294) 609)

Fura-2
Flupirtine; Focal cerebral ischemia; Primary neuronal culture; Glutamate; Ca^{2+}, cytosolic (Rupalla, K. (294) 469)

$GABA_B$ receptor
(−)-Baclofen; 3-Amino-propylphosphinic acid; Phaclofen; CGP 35348; 2-Hydroxy-saclofen; Gastric pepsinogen secretion; Gastric acid secretion (Blandizzi, C. (294) 191)

Baclofen; AHPNs ((*R,S*)-3-amino-2-hydroxy-*N*-(4-nitrophenyl)-propanesulphonamide); $GABA_B$ receptor antagonist; Ileum, guinea-pig; Neocortex, rat (Kerr, D.I.B. (294) 349)

$GABA_B$ receptor antagonist
$GABA_B$ receptor; Baclofen; AHPNs ((*R,S*)-3-amino-2-hydroxy-*N*-(4-nitrophenyl)-propanesulphonamide); Ileum, guinea-pig; Neocortex, rat (Kerr, D.I.B. (294) 349)

Gastric acid secretion
$GABA_B$ receptor; (−)-Baclofen; 3-Amino-propylphosphinic acid; Phaclofen; CGP 35348; 2-Hydroxy-saclofen; Gastric pepsinogen secretion (Blandizzi, C. (294) 191)

Gastric gland
[^{14}C]Aminopyrine accumulation; CCK-8; [Leu^{11}]Gastrin-(5–17); CCK receptor antagonist (Oiry, C. (294) 511)

Gastric hemodynamics
Stomach; Angiotensin II; Pentagastrin; Angiotensin AT_1 receptor; Renin-angiotensin system (Chow, L. (294) 309)

Gastric mucosal acute injury
IT-066; Ischemia-reperfusion injury; Histamine H_2 receptor antagonist; Superoxide radical; Hydroxyl radical (Naito, Y. (294) 47)

Gastric mucosal injury
Cystathionine; Ischemia-reperfusion; Superoxide radical; (Rat) (Wada, K. (294) 377)

Gastric pepsinogen secretion
$GABA_B$ receptor; (−)-Baclofen; 3-Amino-propylphosphinic acid; Phaclofen; CGP 35348; 2-Hydroxy-saclofen; Gastric acid secretion (Blandizzi, C. (294) 191)

[Leu^{11}]Gastrin-(5–17)
[^{14}C]Aminopyrine accumulation; CCK-8; CCK receptor antagonist; Gastric gland (Oiry, C. (294) 511)

Gastrin-releasing peptide
Neuromedin B; Bombesin; Structure-function study (Lin, J.-T. (294) 55)

Generalised seizure
Anticonvulsant; Amino acid; Microdialysis (Rowley, H.L. (294) 541)

Glomerular hemodynamics
Bradykinin; Glomerular prostaglandin; Kinin antagonist; Glomerular receptor; Receptor desensitization (Praddaude, F. (294) 173)

Glomerular prostaglandin
Bradykinin; Glomerular hemodynamics; Kinin antagonist; Glomerular receptor; Receptor desensitization (Praddaude, F. (294) 173)

Glomerular receptor
Bradykinin; Glomerular hemodynamics; Glomerular prostaglandin; Kinin antagonist; Receptor desensitization (Praddaude, F. (294) 173)

Glucocorticoid
Intimal thickening; Vascular reactivity; Nitric oxide (NO); Endothelium; Carotid artery, rabbit (Van Put, D.J.M. (294) 753)

Glutamate
Flupirtine; Focal cerebral ischemia; Primary neuronal culture; Ca^{2+}, cytosolic; Fura-2 (Rupalla, K. (294) 469)

Glutamate metabotropic receptor
Hippocampus; Dentate gyrus; Synaptic transmission; Electrophysiology, in vitro; Extracellular recording (Ugolini, A. (294) 403)

Glutathione
Endothelial cell; Smooth muscle cell; Diabetes mellitus; Atherosclerosis; Aminoguanidine; Aldose-reductase (Graier, W.F. (294) 221)

Lipid peroxidation; Oxidative stress; Ischemia-reperfusion injury; 21-Aminosteroid; Kidney, rat (Paroni, R. (294) 737)

Glycosphingolipid
Tumor; Recombinant interleukin-2; Adhesion; Peritumoral (Tubaro, E. (294) 555)

G-protein
Antinociception; Morphine; β-Endorphin; Pertussis toxin (Tseng, L.F. (294) 345)

GR 127935
Myoclonic jerk; 8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin); SKF 99101H; WAY 100635; 5-HT_{1D} receptor; 5-HT_{1A} receptor; 5-Hydroxytryptophan; (Guinea-pig) (Hagan, J.J. (294) 743)

Guanylate cyclase
Nitric oxide (NO) donor; Penile erection; Yawning; Paraventricular nucleus; (Rat) (Melis, M.R. (294) 1)

GYKI 52466
2,3-Benzodiazepine; Aniracetam; AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid); Anticonvulsant drug; Epilepsy; Audiogenic seizure; (DBA/2 mouse) (De Sarro, G. (294) 411)

Haloperidol
κ-Opioid analgesia; Opioid receptor; σ Receptor; Antisense; KOR-1; κ-Opioid receptor (Chien, C.-C. (294) 303)

Neuroleptic withdrawal; Ca^{2+} channel blockade; Pimozide; Nifedipine; Apomorphine (Antkiewicz-Michaluk, L. (294) 459)

NMDA receptor; Non-NMDA receptor; Subsensitivity; Striatum; Contralateral turning (Ossowska, K. (294) 685)

Heart
Vasorelaxation; ATP-sensitive K^+ channel; His bundle; Conduction; Refractory period; Electrophysiology (D'Alonzo, A.J. (294) 271)

α_1-Adrenoceptor, subtype; mRNA; Thyroxine treatment (Han, C. (294) 593)

Heart failure
Renin-angiotensin-aldosterone system; Angiotensin II; Angiotensin II receptor; Angiotensin-converting enzyme inhibitor (Lenz, O. (294) 17)

Heart rate
Myocardial ischemia; Ventricular arrhythmia; α-Adrenoceptor subtype-selective blocker; Coronary occlusion; Arrhythmia (Geller, J.C. (294) 423)

γ_2-MSH (γ_2-melanocyte-stimulating hormone); ACTH-(4–10) (adrenocorticotropic hormone-(4–10)); Blood pressure; Structure-activity; Melanocortin receptor; (Rat) (Van Bergen, P. (294) 795)

Hemorrhagic shock
Hypovolemia; *N*-Nitro-L-arginine methyl ester; L-Arginine; Naloxone; Nitric oxide (NO); (Conscious rabbit) (Ventura, S. (294) 369)

Hepatic secretion
Rebamipide; Drug metabolism; Ischemia/reperfusion (Lee, S.-M. (294) 41)

5-HIAA (5-hydroxyindoleacetic acid)
5-HT (5-hydroxytryptamine, serotonin); Blood pressure; Veratridine; Tetrodotoxin; Hypothalamus; Noradrenaline; Hypervolemia; Hypovolemia; Push-pull cannula (Singewald, N. (294) 787)

Hindquarters
Diabetes; Endothelin; Arachidonic acid; 5-HT (5-hydroxytryptamine, serotonin); Thromboxane (James, G.M. (294) 109)

Hippocampus
Acetylcholine; Microdialysis; Medial septum; Muscarinic autoreceptor (Moor, E. (294) 155)

Dentate gyrus; Glutamate metabotropic receptor; Synaptic transmission; Electrophysiology, in vitro; Extracellular recording (Ugolini, A. (294) 403)

Traumatic brain injury; Felbamate; Long-term potentiation; CA1 (Wallis, R.A. (294) 475)

Long-term potentiation; 1*S*,3*R*-ACPD (1*S*,3*R*-aminocyclopentane-2,3-dicarboxylic acid); Slow-onset potentiation; MCPG ((*R*,*S*)-α-methyl-4-carboxyphenyl-glycine); Metabotropic glutamate receptor; Dentate gyrus; (In vivo) (Manahan-Vaughan, D. (294) 497)

5-HT (5-hydroxytryptamine, serotonin); 1-(2-Pyrimidinyl)piperazine; Excitatory synaptic transmission; Electrophysiology; 5-HT_{1A} receptor; Azapirone (Manahan-Vaughan, D. (294) 617)

His bundle
Vasorelaxation; Heart; ATP-sensitive K^+ channel; Conduction; Refractory period; Electrophysiology (D'Alonzo, A.J. (294) 271)

Histamine H_2 receptor antagonist
IT-066; Ischemia-reperfusion injury; Gastric mucosal acute injury; Superoxide radical; Hydroxyl radical (Naito, Y. (294) 47)

Histamine H_3 receptor subtype
Parasympathetic neuron; (*R*)-α-Methylhistamine; Sympathetic neuron (Rizzo, C.A. (294) 329)

5-HT (5-hydroxytryptamine, seroronin)
Stress; Hyperthermia; Temperature; Anxiety; Benzodiazepine; 5-HT_{1A} receptor agonist; Antidepressant; Dopamine (Zethof, T.J.J. (294) 125)

5-HT (5-hydroxytryptamine, serotonin)
Diabetes; Hindquarters; Endothelin; Arachidonic acid; Thromboxane (James, G.M. (294) 109)

Catalepsy; Dopamine; Receptor; (Rat) (Wadenberg, M.-L. (294) 247)

Stress; 5-HT_{1B} receptor; 5-HT release (Bolaños-Jiménez, F. (294) 531)

Microdialysis; Desipramine; α_2-Adrenoceptor (Yoshioka, M. (294) 565)

1-(2-Pyrimidinyl)piperazine; Hippocampus; Excitatory synaptic transmission; Electrophysiology; 5-HT_{1A} receptor; Azapirone (Manahan-Vaughan, D. (294) 617)

5-HIAA (5-hydroxyindoleacetic acid); Blood pressure; Veratridine; Tetrodotoxin; Hypothalamus; Noradrenaline; Hypervolemia; Hypovolemia; Push-pull cannula (Singewald, N. (294) 787)

5-HT_{1A} receptor
5-HT (5-hydroxytryptamine, serotonin); 1-(2-Pyrimidinyl)piperazine; Hippocampus; Excitatory synaptic transmission; Electrophysiology; Azapirone (Manahan-Vaughan, D. (294) 617)

Myoclonic jerk; 8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin); SKF 99101H; GR 127935; WAY 100635; 5-HT_{1D} receptor; 5-Hydroxytryptophan; (Guinea-pig) (Hagan, J.J. (294) 743)

5-HT_{1B} receptor
Stress; 5-HT (5-hydroxytryptamine, serotonin); 5-HT release (Bolaños-Jiménez, F. (294) 531)

5-HT_{1D} receptor
Myoclonic jerk; 8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin); SKF 99101H; GR 127935; WAY 100635; 5-HT_{1A} receptor; 5-Hydroxytryptophan; (Guinea-pig) (Hagan, J.J. (294) 743)

5-HT_2 receptor
Forced swim test; Stress; Wet-dog shake; β-Adrenoceptor (Takao, K. (294) 721)

5-HT_{1A} receptor agonist
Stress; Hyperthermia; Temperature; Anxiety; Benzodiazepine; Antidepressant; 5-HT (5-hydroxytryptamine, seroronin); Dopamine (Zethof, T.J.J. (294) 125)

5-HT release
Stress; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1B} receptor (Bolaños-Jiménez, F. (294) 531)

6-Hydroxydopamine
DAMGO ([D-Ala^2,*N*-Me-Phe^4,Gly^5-ol]enkephalin); DPLPE ([D-Pen^2,L-Pen^5]enkephalin); Dynorphin A-(1–13); Apomorphine; (Mouse) (Toyoshi, T. (294) 637)

Hydroxyl radical
IT-066; Ischemia-reperfusion injury; Gastric mucosal acute injury; Histamine H_2 receptor antagonist; Superoxide radical (Naito, Y. (294) 47)

2-Hydroxy-saclofen
$GABA_B$ receptor; (−)-Baclofen; 3-Amino-propylphosphinic acid; Phaclofen; CGP 35348; Gastric pepsinogen secretion; Gastric acid secretion (Blandizzi, C. (294) 191)

5-Hydroxytryptophan
Myoclonic jerk; 8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin); SKF 99101H; GR 127935; WAY 100635; 5-HT_{1D} receptor; 5-HT_{1A} receptor; (Guinea-pig) (Hagan, J.J. (294) 743)

Hyperemia
Cheek pouch, hamster; Microvascular flow; Noradrenaline; Neuropeptide Y; Neuropeptide Y Y_1 receptor; Neuropeptide Y Y_2 receptor; [Leu^{31},Pro^{34}]Neuropeptide Y; Neuropeptide Y-(13–36) (Boric, M.P. (294) 391)

Hypertension
Endothelin receptor antagonist; Renal blood flow (Bird, J.E. (294) 183)

Angiotensin II receptor subtype; L-163,017; Renin-angiotensin system (Chang, R.S.L. (294) 429)

Na^+ excretion; α_1-Adrenoceptor subtype; Kidney function (Sattar, M.A. (294) 727)

Hyperthermia
Stress; Temperature; Anxiety; Benzodiazepine; 5-HT_{1A} receptor agonist; Antidepressant; 5-HT (5-hydroxytryptamine, seroronin); Dopamine (Zethof, T.J.J. (294) 125)

Hypervolemia
5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Blood pressure; Veratridine; Tetrodotoxin; Hypothalamus; Noradrenaline; Hypovolemia; Push-pull cannula (Singewald, N. (294) 787)

Hypothalamus
5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Blood pressure; Veratridine; Tetrodotoxin; Noradrenaline; Hypervolemia; Hypovolemia; Push-pull cannula (Singewald, N. (294) 787)

Hypovolemia
N-Nitro-L-arginine methyl ester; L-Arginine; Naloxone; Hemorrhagic shock; Nitric oxide (NO); (Conscious rabbit) (Ventura, S. (294) 369)

5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Blood pressure; Veratridine; Tetrodotoxin; Hypothalamus; Noradrenaline; Hypervolemia; Push-pull cannula (Singewald, N. (294) 787)

Hypoxia
Diabetic neuropathy; 2,3-Diphosphoglycerate; Polyol pathway; Aldose reductase inhibitor (Nakamura, J. (294) 207)

Ileum
σ Binding site; Smooth muscle; σ Receptor subtype; (Guinea pig); (Rat) (Kinney, G.G. (294) 547)

Ileum, guinea-pig
$GABA_B$ receptor; Baclofen; AHPNs ((*R*,*S*)-3-amino-2-hydroxy-*N*-(4-nitrophenyl)-propanesulphonamide); $GABA_B$ receptor antagonist; Neocortex, rat (Kerr, D.I.B. (294) 349)

Imidazoline
α_2-Adrenoceptor; Adrenaline; Insulin release; (In vivo); (Rat) (Hiyoshi, Y. (294) 117)

L-N^6-(1-Iminoethyl)-lysine
Aminoguanidine; Nitric oxide (NO) synthase, inducible; Leishmaniasis; Nitric oxide (NO); N^G-Monomethyl-L-arginine (Stenger, S. (294) 703)

Inactivation
Ca^{2+} channel; Whole-cell voltage-clamp; Dissociated Purkinje neuron; Eliprodil (Biton, B. (294) 91)

Inflammatory hyperalgesia
Carbamazepine; Edema; Nociception; Prostaglandin; Substance P (Bianchi, M. (294) 71)

Inotropy
Sodium fluoride; Carbachol; (−)-N^6-Phenylisopropyl-adenosine; Phosphatase (Neumann, J. (294) 451)

Insulin release
Imidazoline; α_2-Adrenoceptor; Adrenaline; (In vivo); (Rat) (Hiyoshi, Y. (294) 117)

Intimal thickening
Vascular reactivity; Glucocorticoid; Nitric oxide (NO); Endothelium; Carotid artery, rabbit (Van Put, D.J.M. (294) 753)

Intrathecal
α-Trinositol; Antinociception; Formalin test; Behavior; (Rat) (Malmberg, A.B. (294) 609)

IRL 1620
Pial vein; Endothelin ET_A receptor; Endothelin ET_B receptor; (Dog) (Fernández, N. (294) 483)

Ischemia / reperfusion
Rebamipide; Hepatic secretion; Drug metabolism (Lee, S.-M. (294) 41)

Ischemia-reperfusion
Cystathionine; Superoxide radical; Gastric mucosal injury; (Rat) (Wada, K. (294) 377)

Ischemia-reperfusion injury
IT-066; Gastric mucosal acute injury; Histamine H_2 receptor antagonist; Superoxide radical; Hydroxyl radical (Naito, Y. (294) 47)

Glutathione; Lipid peroxidation; Oxidative stress; 21-Aminosteroid; Kidney, rat (Paroni, R. (294) 737)

Ischemic arrhythmia
Antiarrhythmic activity; Sparteine; BRB-I-28; Patch-clamp (Pugsley, M.K. (294) 319)

IT-066
Ischemia-reperfusion injury; Gastric mucosal acute injury; Histamine H_2 receptor antagonist; Superoxide radical; Hydroxyl radical (Naito, Y. (294) 47)

Junction potential
Stomach; Smooth muscle, gastric; Membrane potential; Slow wave; Trimebutine (Xue, L. (294) 75)

K^+ channel
Endotoxin; Septic shock; DNA fragmentation; Systemic inflammatory response syndrome; Cerebral malaria (Gantner, F. (294) 353)

Kidney function
Na^+ excretion; α_1-Adrenoceptor subtype; Hypertension (Sattar, M.A. (294) 727)

Kidney, rat
Glutathione; Lipid peroxidation; Oxidative stress; Ischemia-reperfusion injury; 21-Aminosteroid (Paroni, R. (294) 737)

Kinin antagonist
Bradykinin; Glomerular hemodynamics; Glomerular prostaglandin; Glomerular receptor; Receptor desensitization (Praddaude, F. (294) 173)

KOR-1
κ-Opioid analgesia; Opioid receptor; σ Receptor; Haloperidol; Antisense; κ-Opioid receptor (Chien, C.-C. (294) 303)

L-163,017
Angiotensin II receptor subtype; Hypertension; Renin-angiotensin system (Chang, R.S.L. (294) 429)

Angiotensin II; Angiotensin receptor antagonist; Angiotensin converting enzyme inhibitor; Antihypertensive (Kivlighn, S.D. (294) 439)

Learning
Memory; Prostaglandin; Cyclooxygenase; Neurotransmitter; Retrograde messenger; Synaptic plasticity (Hölscher, C. (294) 253)

Leishmaniasis
Aminoguanidine; Nitric oxide (NO) synthase, inducible; L-N^6-(1-Iminoethyl)-lysine; Nitric oxide (NO); N^G-Monomethyl-L-arginine (Stenger, S. (294) 703)

Lipid peroxidation
Glutathione; Oxidative stress; Ischemia-reperfusion injury; 21-Aminosteroid; Kidney, rat (Paroni, R. (294) 737)

Lipopolysaccharide
Fenspiride; TNF (tumor necrosis factor); Alveolar macrophage, guinea-pig; Phospholipase A_2 (De Castro, C.M.M.B. (294) 669)

Lithium chloride
Tacrine; Seizure; Nitric oxide (NO); Citrulline; L-NAME (N^ω-nitro-L-arginine methyl ester) (Bagetta, G. (294) 341)

Locomotor activity
Excitatory amino acid; NMDA receptor antagonist; AP-5 (DL-2-amino-5-phosphonovaleric acid); MK-801 ((+)-5-methyl-10,11-dihydro(*a*,*d*)-cyclohepten-5,10-imine hydrogen maleate salt); Dopamine (Ouagazzal, A. (294) 137)

[Arg^8]Vasopressin; Vasopressin V_1 receptor antagonist; Ventral hippocampus; Retrieval; Relearning (Alescio-Lautier, B. (294) 763)

Long-term potentiation
Arachidonic acid; NMDA (*N*-methyl-D-aspartate); ACPD ((1*S*,3*R*)-1-aminocyclopentane-1,3-dicarboxylic acid); Melittin; Phospholipase A_2 (Collins, D.R. (294) 147)

Traumatic brain injury; Felbamate; CA1; Hippocampus (Wallis, R.A. (294) 475)

Hippocampus; 1*S*,3*R*-ACPD (1*S*,3*R*-aminocyclopentane-2,3-dicarboxylic acid); Slow-onset potentiation; MCPG ((*R*,*S*)-α-methyl-4-carboxyphenyl-glycine); Metabotropic glutamate receptor; Dentate gyrus; (In vivo) (Manahan-Vaughan, D. (294) 497)

Low-density lipoprotein (LDL)
Carvedilol; Antioxidant; Monocyte; Adhesion (Yue, T.-L. (294) 585)

MCPG ((*R*,*S*)-α-methyl-4-carboxyphenyl-glycine)
Hippocampus; Long-term potentiation; 1*S*,3*R*-ACPD (1*S*,3*R*-aminocyclopentane-2,3-dicarboxylic acid); Slow-onset potentiation; Metabotropic glutamate receptor; Dentate gyrus; (In vivo) (Manahan-Vaughan, D. (294) 497)

Medial septum
Acetylcholine; Hippocampus; Microdialysis; Muscarinic autoreceptor (Moor, E. (294) 155)

Melanocortin receptor
γ_2-MSH (γ_2-melanocyte-stimulating hormone); ACTH-(4–10) (adrenocorticotropic hormone-(4–10)); Blood pressure; Heart rate; Structure-activity; (Rat) (Van Bergen, P. (294) 795)

Melittin
Arachidonic acid; Long-term potentiation; NMDA (*N*-methyl-D-aspartate); ACPD ((1*S*,3*R*)-1-aminocyclopentane-1,3-dicarboxylic acid); Phospholipase A_2 (Collins, D.R. (294) 147)

Membrane potential
Stomach; Smooth muscle, gastric; Junction potential; Slow wave; Trimebutine (Xue, L. (294) 75)

Memory
Learning; Prostaglandin; Cyclooxygenase; Neurotransmitter; Retrograde messenger; Synaptic plasticity (Hölscher, C. (294) 253)

Mesenteric artery
Triflavin; RGD (Arg-Gly-Asp)-containing peptide; Fibrinogen receptor antagonist; Bleeding time; Thrombosis (Sheu, J.-R. (294) 231)

Metabotropic glutamate receptor
Metabotropic receptor agonist; L-CCG-I ((2*S*,3*S*,4*S*)-α-(carboxycyclopropyl)glycine); Morris maze; (Rat) (Van der Staay, F.J. (294) 361)

Hippocampus; Long-term potentiation; 1*S*,3*R*-ACPD (1*S*,3*R*-aminocyclopentane-2,3-dicarboxylic acid); Slow-onset potentiation; MCPG ((*R*,*S*)-α-methyl-4-carboxyphenyl-glycine); Dentate gyrus; (In vivo) (Manahan-Vaughan, D. (294) 497)

Metabotropic receptor agonist
Metabotropic glutamate receptor; L-CCG-I ((2*S*,3*S*,4*S*)-α-(carboxycyclopropyl)glycine); Morris maze; (Rat) (Van der Staay, F.J. (294) 361)

Methoxytetrabenazine
Vesicular monoamine transporter; VMAT2 (vesicular monoamine transporter type 2); Dopamine D_2 receptor; Presynaptic dopamine re-uptake site, presynaptic; Dopamine (Vander Borght, T. (294) 577)

(*R*)-α-Methylhistamine
Histamine H_3 receptor subtype; Parasympathetic neuron; Sympathetic neuron (Rizzo, C.A. (294) 329)

Metopon
Morphine derivative; Cinnamoylamino group; β-Endorphin receptor; Analgesia; (Mouse) (McLaughlin, J.P. (294) 201)

Microdialysis
Acetylcholine; Hippocampus; Medial septum; Muscarinic autoreceptor (Moor, E. (294) 155)

Anticonvulsant; Generalised seizure; Amino acid (Rowley, H.L. (294) 541)

5-HT (5-hydroxytryptamine, serotonin); Desipramine; α_2-Adrenoceptor (Yoshioka, M. (294) 565)

Microvascular flow
Cheek pouch, hamster; Hyperemia; Noradrenaline; Neuropeptide Y; Neuropeptide Y Y_1 receptor; Neuropeptide Y Y_2 receptor; [Leu^{31},Pro^{34}]Neuropeptide Y; Neuropeptide Y-(13–36) (Boric, M.P. (294) 391)

Mitochondria, liver
Benzodiazepine receptor, peripheral; Cholesterol; Porphyrin (Tsankova, V. (294) 601)

MK-801
Spinal cord; Morphine tolerance; NMDA receptor antagonist; Ventral root potential (Bell, J.A. (294) 289)

Morphine withdrawal; Spinal cord; Naloxone; Morphine dependence (Bell, J.A. (294) 297)

MK-801 ((+)-5-methyl-10,11-dihydro(*a*,*d*)-cyclohepten-5,10-imine hydrogen maleate salt)
Excitatory amino acid; NMDA receptor antagonist; AP-5 (DL-2-amino-5-phosphonovaleric acid); Dopamine; Locomotor activity (Ouagazzal, A. (294) 137)

Monocyte
Carvedilol; Low-density lipoprotein (LDL); Antioxidant; Adhesion (Yue, T.-L. (294) 585)

N^G-Monomethyl-L-arginine
Aminoguanidine; Nitric oxide (NO) synthase, inducible; Leishmaniasis; L-N^6-(1-Iminoethyl)-lysine; Nitric oxide (NO) (Stenger, S. (294) 703)

Morphine
Antinociception; β-Endorphin; Pertussis toxin; G-protein (Tseng, L.F. (294) 345)

C-fiber reflex; Buprenorphine; Nociception; Diffuse noxious inhibitory control; Descending inhibitory control; Spinal cord (Guirimand, F. (294) 651)

Dopamine release; Acetylcholine release; Striatum; Dopamine D_2 receptor (Nestby, P. (294) 771)

Morphine dependence
Adenosine; Blood pressure (White, P.J. (294) 215)

MK-801; Morphine withdrawal; Spinal cord; Naloxone (Bell, J.A. (294) 297)

Morphine derivative
Metopon; Cinnamoylamino group; β-Endorphin receptor; Analgesia; (Mouse) (McLaughlin, J.P. (294) 201)

Morphine tolerance
MK-801; Spinal cord; NMDA receptor antagonist; Ventral root potential (Bell, J.A. (294) 289)

Morphine withdrawal
MK-801; Spinal cord; Naloxone; Morphine dependence (Bell, J.A. (294) 297)

Morris maze
Metabotropic glutamate receptor; Metabotropic receptor agonist; L-CCG-I ((2*S*,3*S*,4*S*)-α-(carboxycyclopropyl)glycine); (Rat) (Van der Staay, F.J. (294) 361)

γ_2-MSH (γ_2-melanocyte-stimulating hormone)
ACTH-(4–10) (adrenocorticotropic hormone-(4–10)); Blood pressure; Heart rate; Structure-activity; Melanocortin receptor; (Rat) (Van Bergen, P. (294) 795)

Muscarinic autoreceptor
Acetylcholine; Hippocampus; Microdialysis; Medial septum (Moor, E. (294) 155)

Muscarinic receptor
Esophageal muscularis mucosae; Receptor alkylation (Watson, N. (294) 779)

Myocardial ischemia
Ventricular arrhythmia; α-Adrenoceptor subtype-selective blocker; Coronary occlusion; Heart rate; Arrhythmia (Geller, J.C. (294) 423)

Myoclonic jerk
8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin); SKF 99101H; GR 127935; WAY 100635; 5-HT_{1D} receptor; 5-HT_{1A} receptor; 5-Hydroxytryptophan; (Guinea-pig) (Hagan, J.J. (294) 743)

Myofilament
Ca^{2+}; Ca^{2+} sensitiser; EMD 57033; Skinned fiber; Rigor (Palmer, S. (294) 83)

Myosin light chain kinase
Staurosporine; Calphostin C; Wortmannin; Protein kinase C; Aorta; (Rabbit) (Asano, M. (294) 693)

Na^+-Ca^{2+} exchanger
Prolactin; Na^+-H^+ antiporter; Amiloride analog (Di Renzo, G. (294) 11)

Na^+ excretion
α_1-Adrenoceptor subtype; Hypertension; Kidney function (Sattar, M.A. (294) 727)

Na^+-H^+ antiporter
Prolactin; Na^+-Ca^{2+} exchanger; Amiloride analog (Di Renzo, G. (294) 11)

Naloxone
MK-801; Morphine withdrawal; Spinal cord; Morphine dependence (Bell, J.A. (294) 297)

Hypovolemia; *N*-Nitro-L-arginine methyl ester; L-Arginine; Hemorrhagic shock; Nitric oxide (NO); (Conscious rabbit) (Ventura, S. (294) 369)

L-NAME (N^ω-nitro-L-arginine methyl ester)
Lithium chloride; Tacrine; Seizure; Nitric oxide (NO); Citrulline (Bagetta, G. (294) 341)

Neocortex, rat
$GABA_B$ receptor; Baclofen; AHPNs ((*R*,*S*)-3-amino-2-hydroxy-*N*-(4-nitrophenyl)-propanesulphonamide); $GABA_B$ receptor antagonist; Ileum, guinea-pig (Kerr, D.I.B. (294) 349)

Nephrotoxicity
Cyclosporine A; Endothelin; Renal failure (Brooks, D.P. (294) 571)

Neurokinin A
Bronchoconstriction; Airway neurogenic inflammation; Substance P; Capsaicin (Robineau, P. (294) 677)

[^{3}H][β-Ala^8]neurokinin A-(4–10)
Urinary bladder, hamster; Tachykinin, NK_2 receptor; Tachykinin; (Binding) (Goso, C. (294) 239)

Neuroleptic withdrawal
Ca^{2+} channel blockade; Haloperidol; Pimozide; Nifedipine; Apomorphine (Antkiewicz-Michaluk, L. (294) 459)

Neuromedin B
Gastrin-releasing peptide; Bombesin; Structure-function study (Lin, J.-T. (294) 55)

Neuromodulation
Oxytocin; Structure-activity (Poulin, P. (294) 29)

Neuropeptide Y
Cheek pouch, hamster; Microvascular flow; Hyperemia; Noradrenaline; Neuropeptide Y Y_1 receptor; Neuropeptide Y Y_2 receptor; [Leu^{31},Pro^{34}]Neuropeptide Y; Neuropeptide Y-(13–36) (Boric, M.P. (294) 391)

Neuropeptide Y Y_1 receptor antagonist; BIBP 3226; Vasoconstriction, sympathetic; Vena cava, guinea-pig (Malmström, R.E. (294) 661)

[Leu^{31},Pro^{34}]Neuropeptide Y
Cheek pouch, hamster; Microvascular flow; Hyperemia; Noradrenaline; Neuropeptide Y; Neuropeptide Y Y_1 receptor; Neuropeptide Y Y_2 receptor; Neuropeptide Y-(13–36) (Boric, M.P. (294) 391)

Neuropeptide Y-(13–36)
Cheek pouch, hamster; Microvascular flow; Hyperemia; Noradrenaline; Neuropeptide Y; Neuropeptide Y Y_1 receptor; Neuropeptide Y Y_2 receptor; [Leu^{31},Pro^{34}]Neuropeptide Y (Boric, M.P. (294) 391)

Neuropeptide Y Y_1 receptor
Cheek pouch, hamster; Microvascular flow; Hyperemia; Noradrenaline; Neuropeptide Y; Neuropeptide Y Y_2 receptor; [Leu^{31}, Pro^{34}]Neuropeptide Y; Neuropeptide Y-(13–36) (Boric, M.P. (294) 391)

Neuropeptide Y Y_2 receptor
Cheek pouch, hamster; Microvascular flow; Hyperemia; Noradrenaline; Neuropeptide Y; Neuropeptide Y Y_1 receptor; [Leu^{31}, Pro^{34}]Neuropeptide Y; Neuropeptide Y-(13–36) (Boric, M.P. (294) 391)

Neuropeptide Y Y_1 receptor antagonist
Neuropeptide Y; BIBP 3226; Vasoconstriction, sympathetic; Vena cava, guinea-pig (Malmström, R.E. (294) 661)

Neurotransmitter
Learning; Memory; Prostaglandin; Cyclooxygenase; Retrograde messenger; Synaptic plasticity (Hölscher, C. (294) 253)

Nifedipine
Neuroleptic withdrawal; Ca^{2+} channel blockade; Haloperidol; Pimozide; Apomorphine (Antkiewicz-Michaluk, L. (294) 459)

Nitric oxide (NO)
Lithium chloride; Tacrine; Seizure; Citrulline; L-NAME (N^{ω}-nitro-L-arginine methyl ester) (Bagetta, G. (294) 341)

Hypovolemia; *N*-Nitro-L-arginine methyl ester; L-Arginine; Naloxone; Hemorrhagic shock; (Conscious rabbit) (Ventura, S. (294) 369)

Sexual behavior; Nitric oxide (NO) synthase; Paraventricular nucleus; (Rat) (Benelli, A. (294) 505)

Aminoguanidine; Nitric oxide (NO) synthase, inducible; Leishmaniasis; L-N^6-(1-Iminoethyl)-lysine; N^G-Monomethyl-L-arginine (Stenger, S. (294) 703)

Intimal thickening; Vascular reactivity; Glucocorticoid; Endothelium; Carotid artery, rabbit (Van Put, D.J.M. (294) 753)

Nitric oxide (NO) donor
Penile erection; Yawning; Guanylate cyclase; Paraventricular nucleus; (Rat) (Melis, M.R. (294) 1)

Nitric oxide (NO) synthase
Sexual behavior; Nitric oxide (NO); Paraventricular nucleus; (Rat) (Benelli, A. (294) 505)

Nitric oxide (NO) synthase, inducible
Aminoguanidine; Leishmaniasis; L-N^6-(1-Iminoethyl)-lysine; Nitric oxide (NO); N^G-Monomethyl-L-arginine (Stenger, S. (294) 703)

***N*-Nitro-L-arginine methyl ester**
NMDA receptor antagonist; NPC 17742; ACEA 1021; Phencyclidine; Anxiolytic (Wiley, J.L. (294) 101)

Hypovolemia; L-Arginine; Naloxone; Hemorrhagic shock; Nitric oxide (NO); (Conscious rabbit) (Ventura, S. (294) 369)

NMDA (*N*-methyl-D-aspartate)
Arachidonic acid; Long-term potentiation; ACPD ((1*S*,3*R*)-1-aminocyclopentane-1,3-dicarboxylic acid); Melittin; Phospholipase A_2 (Collins, D.R. (294) 147)

NMDA receptor
Haloperidol; Non-NMDA receptor; Subsensitivity; Striatum; Contralateral turning (Ossowska, K. (294) 685)

NMDA receptor antagonist
NPC 17742; ACEA 1021; *N*-Nitro-L-arginine methyl ester; Phencyclidine; Anxiolytic (Wiley, J.L. (294) 101)

Excitatory amino acid; AP-5 (DL-2-amino-5-phosphonovaleric acid); MK-801 ((+)-5-methyl-10,11-dihydro(*a*,*d*)-cyclohepten-5,10-imine hydrogen maleate salt); Dopamine; Locomotor activity (Ouagazzal, A. (294) 137)

MK-801; Spinal cord; Morphine tolerance; Ventral root potential (Bell, J.A. (294) 289)

Nociception
Carbamazepine; Edema; Inflammatory hyperalgesia; Prostaglandin; Substance P (Bianchi, M. (294) 71)

C-fiber reflex; Buprenorphine; Diffuse noxious inhibitory control; Descending inhibitory control; Spinal cord; Morphine (Guirimand, F. (294) 651)

Nociceptor
Prostaglandin E_2; Bradykinin; Pain; Vein (Kindgen-Milles, D. (294) 491)

Non-NMDA receptor
Haloperidol; NMDA receptor; Subsensitivity; Striatum; Contralateral turning (Ossowska, K. (294) 685)

Noradrenaline
Cheek pouch, hamster; Microvascular flow; Hyperemia; Neuropeptide Y; Neuropeptide Y Y_1 receptor; Neuropeptide Y Y_2 receptor; [Leu^{31},Pro^{34}]Neuropeptide Y; Neuropeptide Y-(13–36) (Boric, M.P. (294) 391)

5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Blood pressure; Veratridine; Tetrodotoxin; Hypothalamus; Hypervolemia; Hypovolemia; Push-pull cannula (Singewald, N. (294) 787)

NPC 17742
NMDA receptor antagonist; ACEA 1021; *N*-Nitro-L-arginine methyl ester; Phencyclidine; Anxiolytic (Wiley, J.L. (294) 101)

Nucleotide receptor
ATP receptor; UTP receptor; Aorta, rat; Endothelium; Smooth muscle, vascular (García-Velasco, G. (294) 521)

8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin)
Myoclonic jerk; SKF 99101H; GR 127935; WAY 100635; 5-HT_{1D} receptor; 5-HT_{1A} receptor; 5-Hydroxytryptophan; (Guinea-pig) (Hagan, J.J. (294) 743)

κ-Opioid analgesia
Opioid receptor; σ Receptor; Haloperidol; Antisense; KOR-1; κ-Opioid receptor (Chien, C.-C. (294) 303)

Opioid receptor
κ-Opioid analgesia; σ Receptor; Haloperidol; Antisense; KOR-1; κ-Opioid receptor (Chien, C.-C. (294) 303)

κ-Opioid receptor
κ-Opioid analgesia; Opioid receptor; σ Receptor; Haloperidol; Antisense; KOR-1 (Chien, C.-C. (294) 303)

Oxidative stress
Glutathione; Lipid peroxidation; Ischemia-reperfusion injury; 21-Aminosteroid; Kidney, rat (Paroni, R. (294) 737)

Oxytocin
Structure-activity; Neuromodulation (Poulin, P. (294) 29)

Pain
Prostaglandin E_2; Bradykinin; Nociceptor; Vein (Kindgen-Milles, D. (294) 491)

Parasympathetic neuron
Histamine H_3 receptor subtype; (*R*)-α-Methylhistamine; Sympathetic neuron (Rizzo, C.A. (294) 329)

Paraventricular nucleus
Nitric oxide (NO) donor; Penile erection; Yawning; Guanylate cyclase; (Rat) (Melis, M.R. (294) 1)

Sexual behavior; Nitric oxide (NO); Nitric oxide (NO) synthase; (Rat) (Benelli, A. (294) 505)

Patch-clamp
Antiarrhythmic activity; Ischemic arrhythmia; Sparteine; BRB-I-28 (Pugsley, M.K. (294) 319)

Coronary arterial cell; BK_{Ca} channel; (Whole-cell recording); (Holding potential) (Hu, S. (294) 357)

Penile erection
Nitric oxide (NO) donor; Yawning; Guanylate cyclase; Paraventricular nucleus; (Rat) (Melis, M.R. (294) 1)

Pentagastrin
Stomach; Angiotensin II; Gastric hemodynamics; Angiotensin AT_1 receptor; Renin-angiotensin system (Chow, L. (294) 309)

(+)-Pentazocine
σ Receptor; Dopamine release; BD737 (1*S*,2*R*-(−)-*N*-[2-(3,4-dichlorophenyl)ethyl]-*N*-methyl-2-(1-pyrrolidinyl)cyclohexylamine); DuP 734 (1-(cyclopropylmethyl)-4-(2′-(4″-fluorophenyl)-2′-oxoethyl)-piperidine HBr); BD1008 (*N*-[2-(3,4-dichlorophenyl)ethyl]-*N*-methyl-2-pyrrodinyl)cyclohexylamine) (Gonzalez-Alvear, G.M. (294) 713)

Pentylenetetrazole
Adenosine receptor; Adenosine A_1 receptor agonist; Adenosine A_{2A} receptor agonist; Seizure; (Rat) (Adami, M. (294) 383)

Peritumoral
Glycosphingolipid; Tumor; Recombinant interleukin-2; Adhesion (Tubaro, E. (294) 555)

Pertussis toxin
Antinociception; Morphine; β-Endorphin; G-protein (Tseng, L.F. (294) 345)

Phaclofen
$GABA_B$ receptor; (−)-Baclofen; 3-Amino-propylphosphinic acid; CGP 35348; 2-Hydroxy-saclofen; Gastric pepsinogen secretion; Gastric acid secretion (Blandizzi, C. (294) 191)

Phencyclidine
NMDA receptor antagonist; NPC 17742; ACEA 1021; *N*-Nitro-L-arginine methyl ester; Anxiolytic (Wiley, J.L. (294) 101)

(−)-N^6-Phenylisopropyl-adenosine
Sodium fluoride; Carbachol; Phosphatase; Inotropy (Neumann, J. (294) 451)

Phosphatase
Sodium fluoride; Carbachol; (−)-N^6-Phenylisopropyl-adenosine; Inotropy (Neumann, J. (294) 451)

Phospholipase A_2
Arachidonic acid; Long-term potentiation; NMDA (*N*-methyl-D-aspartate); ACPD ((1*S*,3*R*)-1-aminocyclopentane-1,3-dicarboxylic acid); Melittin (Collins, D.R. (294) 147)

Fenspiride; Lipopolysaccharide; TNF (tumor necrosis factor); Alveolar macrophage, guinea-pig (De Castro, C.M.M.B. (294) 669)

Pial vein
Endothelin ET_A receptor; Endothelin ET_B receptor; IRL 1620; (Dog) (Fernández, N. (294) 483)

Pimozide
Neuroleptic withdrawal; Ca^{2+} channel blockade; Haloperidol; Nifedipine; Apomorphine (Antkiewicz-Michaluk, L. (294) 459)

Polyol pathway
Diabetic neuropathy; 2,3-Diphosphoglycerate; Hypoxia; Aldose reductase inhibitor (Nakamura, J. (294) 207)

Porphyrin
Benzodiazepine receptor, peripheral; Mitochondria, liver; Cholesterol (Tsankova, V. (294) 601)

Presynaptic dopamine re-uptake site, presynaptic
Vesicular monoamine transporter; VMAT2 (vesicular monoamine transporter type 2); Dopamine D_2 receptor; Dopamine; Methoxytetrabenazine (Vander Borght, T. (294) 577)

Primary neuronal culture
Flupirtine; Focal cerebral ischemia; Glutamate; Ca^{2+}, cytosolic; Fura-2 (Rupalla, K. (294) 469)

Prolactin
Na^+-Ca^{2+} exchanger; Na^+-H^+ antiporter; Amiloride analog (Di Renzo, G. (294) 11)

Prostaglandin
Carbamazepine; Edema; Inflammatory hyperalgesia; Nociception; Substance P (Bianchi, M. (294) 71)

Learning; Memory; Cyclooxygenase; Neurotransmitter; Retrograde messenger; Synaptic plasticity (Hölscher, C. (294) 253)

Prostaglandin E_2
Bradykinin; Pain; Nociceptor; Vein (Kindgen-Milles, D. (294) 491)

Protein kinase C
Endothelin; Endothelin receptor; Ca^{2+} sensitization; Smooth muscle, vascular (Sudjarwo, S.A. (294) 261)

Staurosporine; Calphostin C; Wortmannin; Myosin light chain kinase; Aorta; (Rabbit) (Asano, M. (294) 693)

Push-pull cannula
5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Blood pressure; Veratridine; Tetrodotoxin; Hypothalamus; Noradrenaline; Hypervolemia; Hypovolemia (Singewald, N. (294) 787)

1-(2-Pyrimidinyl)piperazine
5-HT (5-hydroxytryptamine, serotonin); Hippocampus; Excitatory synaptic transmission; Electrophysiology; $5\text{-}HT_{1A}$ receptor; Azapirone (Manahan-Vaughan, D. (294) 617)

Rebamipide
Hepatic secretion; Drug metabolism; Ischemia/reperfusion (Lee, S.-M. (294) 41)

Receptor
Catalepsy; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); (Rat) (Wadenberg, M.-L. (294) 247)

σ Receptor
κ-Opioid analgesia; Opioid receptor; Haloperidol; Antisense; KOR-1; κ-Opioid receptor (Chien, C.-C. (294) 303)

Dopamine release; (+)-Pentazocine; BD737 (1*S*,2*R*-(−)-*N*-[2-(3,4-dichlorophenyl)ethyl]-*N*-methyl-2-(1-pyrrolidinyl)cyclohexylamine); DuP 734 (1-(cyclopropylmethyl)-4-(2′-(4″-fluorophenyl)-2′-oxoethyl)piperidine HBr); BD1008 (*N*-[2-(3,4-dichlorophenyl)ethyl]-*N*-methyl-2-pyrrodinyl)cyclohexylamine) (Gonzalez-Alvear, G.M. (294) 713)

Receptor alkylation
Muscarinic receptor; Esophageal muscularis mucosae (Watson, N. (294) 779)

Receptor desensitization
Bradykinin; Glomerular hemodynamics; Glomerular prostaglandin; Kinin antagonist; Glomerular receptor (Praddaude, F. (294) 173)

σ Receptor subtype
σ Binding site; Smooth muscle; Ileum; (Guinea pig); (Rat) (Kinney, G.G. (294) 547)

Recombinant interleukin-2
Glycosphingolipid; Tumor; Adhesion; Peritumoral (Tubaro, E. (294) 555)

Refractory period
Vasorelaxation; Heart; ATP-sensitive K^+ channel; His bundle; Conduction; Electrophysiology (D'Alonzo, A.J. (294) 271)

Relearning
[Arg^8]Vasopressin; Vasopressin V_1 receptor antagonist; Ventral hippocampus; Retrieval; Locomotor activity (Alescio-Lautier, B. (294) 763)

Renal blood flow
Endothelin receptor antagonist; Hypertension (Bird, J.E. (294) 183)

Renal failure
Cyclosporine A; Endothelin; Nephrotoxicity (Brooks, D.P. (294) 571)

Renin-angiotensin-aldosterone system
Heart failure; Angiotensin II; Angiotensin II receptor; Angiotensin-converting enzyme inhibitor (Lenz, O. (294) 17)

Renin-angiotensin system
Stomach; Angiotensin II; Gastric hemodynamics; Pentagastrin; Angiotensin AT_1 receptor (Chow, L. (294) 309)

Angiotensin II receptor subtype; Hypertension; L-163,017 (Chang, R.S.L. (294) 429)

Retrieval
[Arg^8]Vasopressin; Vasopressin V_1 receptor antagonist; Ventral hippocampus; Relearning; Locomotor activity (Alescio-Lautier, B. (294) 763)

Retrograde messenger
Learning; Memory; Prostaglandin; Cyclooxygenase; Neurotransmitter; Synaptic plasticity (Hölscher, C. (294) 253)

RGD (Arg-Gly-Asp)-containing peptide
Triflavin; Fibrinogen receptor antagonist; Bleeding time; Mesenteric artery; Thrombosis (Sheu, J.-R. (294) 231)

Rigor
Ca^{2+}; Myofilament; Ca^{2+} sensitiser; EMD 57033; Skinned fiber (Palmer, S. (294) 83)

mRNA
α_1-Adrenoceptor, subtype; Heart; Thyroxine treatment (Han, C. (294) 593)

Seizure
Lithium chloride; Tacrine; Nitric oxide (NO); Citrulline; L-NAME (N^{ω}-nitro-L-arginine methyl ester) (Bagetta, G. (294) 341)

Adenosine receptor; Adenosine A_1 receptor agonist; Adenosine A_{2A} receptor agonist; Pentylenetetrazole; (Rat) (Adami, M. (294) 383)

Septic shock
Endotoxin; DNA fragmentation; K^+ channel; Systemic inflammatory response syndrome; Cerebral malaria (Gantner, F. (294) 353)

Septide
Substance P; Tachykinin NK_1 receptor antagonist; Superior cervical ganglion, rat, isolated; (Subtype); (Conformation) (Hawcock, A.B. (294) 163)

Sexual behavior
Nitric oxide (NO); Nitric oxide (NO) synthase; Paraventricular nucleus; (Rat) (Benelli, A. (294) 505)

SKF 99101H
Myoclonic jerk; 8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin); GR 127935; WAY 100635; $5\text{-}HT_{1D}$ receptor; $5\text{-}HT_{1A}$ receptor; 5-Hydroxytryptophan; (Guinea-pig) (Hagan, J.J. (294) 743)

Skinned fiber
Ca^{2+}; Myofilament; Ca^{2+} sensitiser; EMD 57033; Rigor (Palmer, S. (294) 83)

Slow-onset potentiation
Hippocampus; Long-term potentiation; 1*S*,3*R*-ACPD (1*S*,3*R*-aminocyclopentane-2,3-dicarboxylic acid); MCPG ((*R*,*S*)-α-methyl-4-carboxyphenyl-glycine); Metabotropic glutamate receptor; Dentate gyrus; (In vivo) (Manahan-Vaughan, D. (294) 497)

Slow wave
Stomach; Smooth muscle, gastric; Membrane potential; Junction potential; Trimebutine (Xue, L. (294) 75)

Smooth muscle
σ Binding site; Ileum; σ Receptor subtype; (Guinea pig); (Rat) (Kinney, G.G. (294) 547)

Smooth muscle cell
Endothelial cell; Diabetes mellitus; Atherosclerosis; Aminoguanidine; Glutathione; Aldose-reductase (Graier, W.F. (294) 221)

Smooth muscle, gastric
Stomach; Membrane potential; Junction potential; Slow wave; Trimebutine (Xue, L. (294) 75)

Smooth muscle, vascular
Endothelin; Endothelin receptor; Protein kinase C; Ca^{2+} sensitization (Sudjarwo, S.A. (294) 261)

Nucleotide receptor; ATP receptor; UTP receptor; Aorta, rat; Endothelium (García-Velasco, G. (294) 521)

Sodium fluoride
Carbachol; (−)-N^6-Phenylisopropyl-adenosine; Phosphatase; Inotropy (Neumann, J. (294) 451)

Sparteine
Antiarrhythmic activity; Ischemic arrhythmia; BRB-I-28; Patch-clamp (Pugsley, M.K. (294) 319)

Spinal cord
MK-801; Morphine tolerance; NMDA receptor antagonist; Ventral root potential (Bell, J.A. (294) 289)

MK-801; Morphine withdrawal; Naloxone; Morphine dependence (Bell, J.A. (294) 297)

C-fiber reflex; Buprenorphine; Nociception; Diffuse noxious inhibitory control; Descending inhibitory control; Morphine (Guirimand, F. (294) 651)

1*S*,3*R*-ACPD (1*S*,3*R*-aminocyclopentane-2,3-dicarboxylic acid)
Hippocampus; Long-term potentiation; Slow-onset potentiation; MCPG ((*R*,*S*)-α-methyl-4-carboxyphenyl-glycine); Metabotropic glutamate receptor; Dentate gyrus; (In vivo) (Manahan-Vaughan, D. (294) 497)

Staurosporine
Calphostin C; Wortmannin; Protein kinase C; Myosin light chain kinase; Aorta; (Rabbit) (Asano, M. (294) 693)

Stomach
Smooth muscle, gastric; Membrane potential; Junction potential; Slow wave; Trimebutine (Xue, L. (294) 75)

Angiotensin II; Gastric hemodynamics; Pentagastrin; Angiotensin AT_1 receptor; Renin-angiotensin system (Chow, L. (294) 309)

Stress
Hyperthermia; Temperature; Anxiety; Benzodiazepine; 5-HT_{1A} receptor agonist; Antidepressant; 5-HT (5-hydroxytryptamine, seroronin); Dopamine (Zethof, T.J.J. (294) 125)

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1B} receptor; 5-HT release (Bolaños-Jiménez, F. (294) 531)

Forced swim test; 5-HT_2 receptor; Wet-dog shake; β-Adrenoceptor (Takao, K. (294) 721)

Striatum
Haloperidol; NMDA receptor; Non-NMDA receptor; Subsensitivity; Contralateral turning (Ossowska, K. (294) 685)

Morphine; Dopamine release; Acetylcholine release; Dopamine D_2 receptor (Nestby, P. (294) 771)

Structure-activity
Oxytocin; Neuromodulation (Poulin, P. (294) 29)

γ_2-MSH (γ_2-melanocyte-stimulating hormone); ACTH-(4–10) (adrenocorticotropic hormone-(4–10)); Blood pressure; Heart rate; Melanocortin receptor; (Rat) (Van Bergen, P. (294) 795)

Structure-function study
Gastrin-releasing peptide; Neuromedin B; Bombesin (Lin, J.-T. (294) 55)

Subsensitivity
Haloperidol; NMDA receptor; Non-NMDA receptor; Striatum; Contralateral turning (Ossowska, K. (294) 685)

Substance P
Carbamazepine; Edema; Inflammatory hyperalgesia; Nociception; Prostaglandin (Bianchi, M. (294) 71)

Septide; Tachykinin NK_1 receptor antagonist; Superior cervical ganglion, rat, isolated; (Subtype); (Conformation) (Hawcock, A.B. (294) 163)

Bronchoconstriction; Airway neurogenic inflammation; Neurokinin A; Capsaicin (Robineau, P. (294) 677)

Superior cervical ganglion, rat, isolated
Substance P; Septide; Tachykinin NK_1 receptor antagonist; (Subtype); (Conformation) (Hawcock, A.B. (294) 163)

Superoxide radical
IT-066; Ischemia-reperfusion injury; Gastric mucosal acute injury; Histamine H_2 receptor antagonist; Hydroxyl radical (Naito, Y. (294) 47)

Cystathionine; Ischemia-reperfusion; Gastric mucosal injury; (Rat) (Wada, K. (294) 377)

Sympathetic nerve activity
α_1-Adrenoceptor antagonist; Doxazosin; Terazosin; Bladder; (Anesthetized cat) (Ramage, A.G. (294) 645)

Sympathetic neuron
Histamine H_3 receptor subtype; Parasympathetic neuron; (*R*)-α-Methylhistamine (Rizzo, C.A. (294) 329)

Synaptic plasticity
Learning; Memory; Prostaglandin; Cyclooxygenase; Neurotransmitter; Retrograde messenger (Hölscher, C. (294) 253)

Synaptic transmission
Hippocampus; Dentate gyrus; Glutamate metabotropic receptor; Electrophysiology, in vitro; Extracellular recording (Ugolini, A. (294) 403)

Systemic inflammatory response syndrome
Endotoxin; Septic shock; DNA fragmentation; K^+ channel; Cerebral malaria (Gantner, F. (294) 353)

Tachykinin
Urinary bladder, hamster; [^{3}H][β-Ala^8]neurokinin A-(4–10); Tachykinin, NK_2 receptor; (Binding) (Goso, C. (294) 239)

Tachykinin, NK_2 receptor
Urinary bladder, hamster; [^{3}H][β-Ala^8]neurokinin A-(4–10); Tachykinin; (Binding) (Goso, C. (294) 239)

Tachykinin NK_1 receptor antagonist
Substance P; Septide; Superior cervical ganglion, rat, isolated; (Subtype); (Conformation) (Hawcock, A.B. (294) 163)

Tacrine
Lithium chloride; Seizure; Nitric oxide (NO); Citrulline; L-NAME (N^{ω}-nitro-L-arginine methyl ester) (Bagetta, G. (294) 341)

Temperature
Stress; Hyperthermia; Anxiety; Benzodiazepine; 5-HT_{1A} receptor agonist; Antidepressant; 5-HT (5-hydroxytryptamine, seroronin); Dopamine (Zethof, T.J.J. (294) 125)

Terazosin
α_1-Adrenoceptor antagonist; Doxazosin; Sympathetic nerve activity; Bladder; (Anesthetized cat) (Ramage, A.G. (294) 645)

Tetrodotoxin
5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Blood pressure; Veratridine; Hypothalamus; Noradrenaline; Hypervolemia; Hypovolemia; Push-pull cannula (Singewald, N. (294) 787)

Thrombosis
Triflavin; RGD (Arg-Gly-Asp)-containing peptide; Fibrinogen receptor antagonist; Bleeding time; Mesenteric artery (Sheu, J.-R. (294) 231)

Thromboxane
Diabetes; Hindquarters; Endothelin; Arachidonic acid; 5-HT (5-hydroxytryptamine, serotonin) (James, G.M. (294) 109)

Thyroxine treatment
α_1-Adrenoceptor, subtype; mRNA; Heart (Han, C. (294) 593)

TNF (tumor necrosis factor)
Fenspiride; Lipopolysaccharide; Alveolar macrophage, guinea-pig; Phospholipase A_2 (De Castro, C.M.M.B. (294) 669)

Traumatic brain injury
Felbamate; Long-term potentiation; CA1; Hippocampus (Wallis, R.A. (294) 475)

Triflavin
RGD (Arg-Gly-Asp)-containing peptide; Fibrinogen receptor antagonist; Bleeding time; Mesenteric artery; Thrombosis (Sheu, J.-R. (294) 231)

Trimebutine
Stomach; Smooth muscle, gastric; Membrane potential; Junction potential; Slow wave (Xue, L. (294) 75)

α-Trinositol
Antinociception; Intrathecal; Formalin test; Behavior; (Rat) (Malmberg, A.B. (294) 609)

Tumor
Glycosphingolipid; Recombinant interleukin-2; Adhesion; Peritumoral (Tubaro, E. (294) 555)

Urinary bladder, hamster
[^{3}H][β-Ala^8]neurokinin A-(4–10); Tachykinin, NK_2 receptor; Tachykinin; (Binding) (Goso, C. (294) 239)

UTP receptor
Nucleotide receptor; ATP receptor; Aorta, rat; Endothelium; Smooth muscle, vascular (García-Velasco, G. (294) 521)

Vascular reactivity
Intimal thickening; Glucocorticoid; Nitric oxide (NO); Endothelium; Carotid artery, rabbit (Van Put, D.J.M. (294) 753)

Vascular smooth muscle
17β-Estradiol; Estrogen; Ca^{2+} current, L-type, voltage-dependent; Endothelin-1; Vasopressin; Ca^{2+}-permeable non-selective cation current (Nakajima, T. (294) 625)

Vasoconstriction, sympathetic
Neuropeptide Y; Neuropeptide Y Y_1 receptor antagonist; BIBP 3226; Vena cava, guinea-pig (Malmström, R.E. (294) 661)

Vasopressin
17β-Estradiol; Estrogen; Vascular smooth muscle; Ca^{2+} current, L-type, voltage-dependent; Endothelin-1; Ca^{2+}-permeable non-selective cation current (Nakajima, T. (294) 625)

[Arg^8]Vasopressin
Vasopressin V_1 receptor antagonist; Ventral hippocampus; Retrieval; Relearning; Locomotor activity (Alescio-Lautier, B. (294) 763)

Vasopressin V_1 receptor antagonist
[Arg^8]Vasopressin; Ventral hippocampus; Retrieval; Relearning; Locomotor activity (Alescio-Lautier, B. (294) 763)

Vasorelaxation
Heart; ATP-sensitive K^+ channel; His bundle; Conduction; Refractory period; Electrophysiology (D'Alonzo, A.J. (294) 271)

Vein
Prostaglandin E_2; Bradykinin; Pain; Nociceptor (Kindgen-Milles, D. (294) 491)

Vena cava, guinea-pig
Neuropeptide Y; Neuropeptide Y Y_1 receptor antagonist; BIBP 3226; Vasoconstriction, sympathetic (Malmström, R.E. (294) 661)

Ventral hippocampus
[Arg^8]Vasopressin; Vasopressin V_1 receptor antagonist; Retrieval; Relearning; Locomotor activity (Alescio-Lautier, B. (294) 763)

Ventral root potential
MK-801; Spinal cord; Morphine tolerance; NMDA receptor antagonist (Bell, J.A. (294) 289)

Ventricular arrhythmia
Myocardial ischemia; α-Adrenoceptor subtype-selective blocker; Coronary occlusion; Heart rate; Arrhythmia (Geller, J.C. (294) 423)

Veratridine
5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Blood pressure; Tetrodotoxin; Hypothalamus; Noradrenaline; Hypervolemia; Hypovolemia; Push-pull cannula (Singewald, N. (294) 787)

Vesicular monoamine transporter
VMAT2 (vesicular monoamine transporter type 2); Dopamine D_2 receptor; Presynaptic dopamine re-uptake site, presynaptic; Dopamine; Methoxytetrabenazine (Vander Borght, T. (294) 577)

VMAT2 (vesicular monoamine transporter type 2)
Vesicular monoamine transporter; Dopamine D_2 receptor; Presynaptic dopamine re-uptake site, presynaptic; Dopamine; Methoxytetrabenazine (Vander Borght, T. (294) 577)

WAY 100635
Myoclonic jerk; 8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin); SKF 99101H; GR 127935; 5-HT_{1D} receptor; 5-HT_{1A} receptor; 5-Hydroxytryptophan; (Guinea-pig) (Hagan, J.J. (294) 743)

Wet-dog shake
Forced swim test; Stress; 5-HT_2 receptor; β-Adrenoceptor (Takao, K. (294) 721)

Whole-cell voltage-clamp
Ca^{2+} channel; Dissociated Purkinje neuron; Inactivation; Eliprodil (Biton, B. (294) 91)

Wortmannin
Staurosporine; Calphostin C; Protein kinase C; Myosin light chain kinase; Aorta; (Rabbit) (Asano, M. (294) 693)

Yawning
Nitric oxide (NO) donor; Penile erection; Guanylate cyclase; Paraventricular nucleus; (Rat) (Melis, M.R. (294) 1)