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ACPD (*trans*-1-amino-cyclopentyl-1,3-dicarboxylate)

Aging; Arachidonic acid; Glutamate release; Protein kinase C; Inositol trisphosphate (McGahon, B. (309) 323)

ACTH (adrenocorticotrophin)

Choline; β -Endorphin; Atropine; Mecamylamine; Hemicholinium-3 (Savci, V. (309) 275)

5-HT_{1A} receptor; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); Adrenaline; Pituitary (Korte, S.M. (309) 281)

Adenosine

Adenosine A₁ receptor; Binding study (Cohen, F.R. (309) 111)

Adenosine A₁ receptor

Binding study; Adenosine (Cohen, F.R. (309) 111)

ADP ribosylation

Lithium chloride; Valproic acid; G-protein; Bipolar disorder (Young, L.T. (309) 215)

Adrenaline

5-HT_{1A} receptor; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); Pituitary; ACTH (adrenocorticotrophin) (Korte, S.M. (309) 281)

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G_i-protein; Neuropeptide Y receptor; Ca²⁺; Microtubule; Microfilament (Michel, M.C. (309) 87)

α_1 -Adrenoceptor antagonist

Microdialysis; NMDA receptor; Dizocilpine maleate; Locomotion (Mathé, J.M. (309) 1)

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G-protein; Congestive heart failure; Norepinephrine (Lai, L.-P. (309) 201)

Ageing

Glutamate release; Protein tyrosine kinase; Ca²⁺/calmodulin-dependent protein kinase II; Phosphorylation; Synaptophysin; Synapsin; Hippocampus (Mullany, P. (309) 311)

Aging

Scopolamine; Medial septum lesion; Metrifonate; Spatial navigation; Passive avoidance (Riekkinen Jr., P. (309) 121)

ACPD (*trans*-1-amino-cyclopentyl-1,3-dicarboxylate); Arachidonic acid; Glutamate release; Protein kinase C; Inositol trisphosphate (McGahon, B. (309) 323)

Allosteric regulation

Cyclothiazide; NBQX (2,3-dihydroxy-6-nitro-7-sulfamoyl-benzofurazinoxaline); GYKI 52466 (Okada, M. (309) 299)

γ -Aminobutyric acid

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor; Hallucinogen; Ketanserin (Cozzi, N.V. (309) 25)

p-Aminophenylalanine⁶-angiotensin II

Intestinal vascular bed; Angiotensin peptide; DuP532; PD123,319; Enalaprilat; Angiotensin II; Angiotensin IV (Champion, H.C. (309) 251)

cAMP

Metabotropic glutamate receptor; Phosphoinositide hydrolysis; Cortex; Cerebellar granule cell; Phenylglycine (Bedingfield, J.S. (309) 71)

Metabotropic glutamate receptor; Cerebral cortex slice; (Agonist) (Kemp, M.C. (309) 79)

AMPA (α -amino-3-hydroxy-5-methyl-4-isoxazole) propionic acid)

Ethanol; NMDA (*N*-methyl-D-aspartate); AP-1 (activator protein-1) DNA binding; Transcription factor; Granule cell, cerebellar (Hou, Y.-N. (309) 307)

Amphetamine

Occasion setting; Pavlovian conditioning; Conditioned immobility; Midazolam; Flesinoxan (Maes, J.H.R. (309) 131)

Angiotensin II

Intestinal vascular bed; Angiotensin peptide; DuP532; PD123,319; Enalaprilat; Angiotensin IV; *p*-Aminophenylalanine⁶-angiotensin II (Champion, H.C. (309) 251)

Angiotensin IV

Intestinal vascular bed; Angiotensin peptide; DuP532; PD123,319; Enalaprilat; Angiotensin II; *p*-Aminophenylalanine⁶-angiotensin II (Champion, H.C. (309) 251)

Angiotensin peptide

Intestinal vascular bed; DuP532; PD123,319; Enalaprilat; Angiotensin II; Angiotensin IV; *p*-Aminophenylalanine⁶-angiotensin II (Champion, H.C. (309) 251)

Antagonist

Water intake; Lipopolysaccharide; Interleukin-1; Interleukin-1 receptor; (Human) (Nava, F. (309) 223)

Antinociception

Cold water swimming; Pertussis toxin; Gi/Go protein; Opioid receptor; (Mouse) (Mizoguchi, H. (309) 37)

Anxiety

CRF (corticotropin-releasing factor); Interleukin-1 β ; Fever; CRF receptor antagonist (Lundkvist, J. (309) 195)

5-HT (5-hydroxytryptamine, serotonin); 5-HT₁ receptor antagonist; Elevated plus-maze (Silvestre, J.S. (309) 219)

AP-1 (activator protein-1) DNA binding

Ethanol; NMDA (*N*-methyl-D-aspartate); AMPA (α -amino-3-hydroxy-5-methyl-4-isoxazole) propionic acid; Transcription factor; Granule cell, cerebellar (Hou, Y.-N. (309) 307)

Arachidonic acid

Aging; ACPD (*trans*-1-amino-cyclopentyl-1,3-dicarboxylate); Glutamate release; Protein kinase C; Inositol trisphosphate (McGahon, B. (309) 323)

L-Arginine

Nitric oxide (NO); Nitric oxide (NO) synthase; Lipopolysaccharide; Septic shock; Mesenteric vascular bed; (Rat) (Mitolo-Chieppa, D. (309) 175)

Atropine

Choline; ACTH (adrenocorticotrophin); β -Endorphin; Mecamylamine; Hemicholinium-3 (Savci, V. (309) 275)

Basal ganglia

Individual difference; Novelty; GABA_A; Psychostimulant; Cortex; Locomotion (Gruen, R.J. (309) 115)

Bertosamil

K⁺ channel, ATP-sensitive; Ca²⁺ channel, L-type; Chronotropism; Inotropism; Heart, dog (Yonezawa, T. (309) 51)

Binding study

Adenosine A₁ receptor; Adenosine (Cohen, F.R. (309) 111)

Bipolar disorder

Lithium chloride; Valproic acid; G-protein; ADP ribosylation (Young, L.T. (309) 215)

Blood pressure

κ -Opioid receptor; Cardiovascular; Phentolamine; Pregnancy (Szeto, H.H. (309) 183)

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Endothelin; Intestinal inflammation; Inflammatory bowel disease (Hogaboam, C.M. (309) 261)

Ca²⁺

G_i-protein; Neuropeptide Y receptor; α_{2A} -Adrenoceptor; Microtubule; Microfilament (Michel, M.C. (309) 87)

Ca²⁺/calmodulin-dependent protein kinase II

Glutamate release; Protein tyrosine kinase; Phosphorylation; Synaptophysin; Synapsin; Hippocampus; Ageing (Mullany, P. (309) 311)

Ca²⁺ channel, L-type

Bertosamil; K⁺ channel, ATP-sensitive; Chronotropism; Inotropism; Heart, dog (Yonezawa, T. (309) 51)

Ca²⁺ current, L-type

Niguldipine; Whole-cell recording; Voltage dependence; Enantioselectivity (Handrock, R. (309) 317)

Cardiovascular

κ -Opioid receptor; Blood pressure; Phentolamine; Pregnancy (Szeto, H.H. (309) 183)

Cerebellar granule cell

Metabotropic glutamate receptor; cAMP; Phosphoinositide hydrolysis; Cortex; Phenylglycine (Bedingfield, J.S. (309) 71)

Cerebral circulation

Cyclic nucleotide; Newborn (Wilderman, M.J. (309) 243)

Cerebral cortex slice

Metabotropic glutamate receptor; cAMP; (Agonist) (Kemp, M.C. (309) 79)

Choline

ACTH (adrenocorticotrophin); β -Endorphin; Atropine; Mecamylamine; Hemicholinium-3 (Savci, V. (309) 275)

Chronotropism

Bertosamil; K⁺ channel, ATP-sensitive; Ca²⁺ channel, L-type; Inotropism; Heart, dog (Yonezawa, T. (309) 51)

Cold water swimming

Antinociception; Pertussis toxin; Gi/Go protein; Opioid receptor; (Mouse) (Mizoguchi, H. (309) 37)

Colon

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor; Secretion; Mucosa; (Human) (Borman, R.A. (309) 271)

Conditioned fear stress

σ Receptor; Phenytoin; Dopaminergic system; Motor suppression (Kamei, H. (309) 149)

Conditioned immobility

Occasion setting; Pavlovian conditioning; Midazolam; Amphetamine; Flesinoxan (Maes, J.H.R. (309) 131)

Conditioned place preference

Sulpiride; Raclopride; Dopamine; Dopamine D₂ receptor; Lordosis (Meisel, R.L. (309) 21)

Congestive heart failure

G-protein; β -Adrenoceptor density; Norepinephrine (Lai, L.-P. (309) 201)

Cortex

Metabotropic glutamate receptor; cAMP; Phosphoinositide hydrolysis; Cerebellar granule cell; Phenylglycine (Bedingfield, J.S. (309) 71)

Individual difference; Novelty; GABA_A; Psychostimulant; Locomotion; Basal ganglia (Gruen, R.J. (309) 115)

CRF (corticotropin-releasing factor)

Anxiety; Interleukin-1 β ; Fever; CRF receptor antagonist (Lundkvist, J. (309) 195)

CRF receptor antagonist

CRF (corticotropin-releasing factor); Anxiety; Interleukin-1 β ; Fever (Lundkvist, J. (309) 195)

Cromakalim

Hypothyroidism; K_{ATP} channel; Portal vein; Pinacidil; Glibenclamide (Jagdish, M. (309) 63)

Cyclic nucleotide

Cerebral circulation; Newborn (Wilderman, M.J. (309) 243)

Cyclothiazide

NBQX (2,3-dihydroxy-6-nitro-7-sulfamoyl-benzofurazinoxaline); GYKI 52466; Allosteric regulation (Okada, M. (309) 299)

Desensitization

Dopamine D₁ receptor agonist; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Parkinson's disease (Blanchet, P.J. (309) 13)

O-Desmethylibogaine

NMDA receptor; Ibogaine; Morphine; Naloxone (Layer, R.T. (309) 159)

Development

Substantia nigra; Seizure; GABA (γ -aminobutyric acid); GABA_A receptor; (Rat) (Velšková, J. (309) 167)

Digitalis

Na⁺,K⁺-ATPase; Heart failure; Norepinephrine (Lai, L.-P. (309) 235)

Discriminative stimulus

Ethanol; 5-HT₃ receptor agonist; 5-HT₃ receptor antagonist (Stefanski, R. (309) 141)

Dizocilpine maleate

α₁-Adrenoceptor antagonist; Microdialysis; NMDA receptor; Locomotion (Mathé, J.M. (309) 1)

L-DOPA (3,4-dihydroxyphenylalanine) release

Nicotine; Locomotor activity, rat; Nucleus accumbens; Ventral tegmental area; Microdialysis (Goshima, Y. (309) 229)

Dopamine

Conditioned place preference; Sulpiride; Raclopride; Dopamine D₂ receptor; Lordosis (Meisel, R.L. (309) 21)

Transporter; Dopamine efflux (Kitayama, S. (309) 107)

Dopamine D₂ receptor

Conditioned place preference; Sulpiride; Raclopride; Dopamine; Lordosis (Meisel, R.L. (309) 21)

Dopamine D₁ receptor agonist

Desensitization; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Parkinson's disease (Blanchet, P.J. (309) 13)

Dopamine efflux

Dopamine; Transporter (Kitayama, S. (309) 107)

Dopaminergic system

Conditioned fear stress; σ Receptor; Phenytoin; Motor suppression (Kamei, H. (309) 149)

DuP532

Intestinal vascular bed; Angiotensin peptide; PD123,319; Enalaprilat; Angiotensin II; Angiotensin IV; *p*-Aminophenylalanine⁶-angiotensin II (Champion, H.C. (309) 251)

Elevated plus-maze

Anxiety; 5-HT (5-hydroxytryptamine, serotonin); 5-HT₄ receptor antagonist (Silvestre, J.S. (309) 219)

Enalaprilat

Intestinal vascular bed; Angiotensin peptide; DuP532; PD123,319; Angiotensin II; Angiotensin IV; *p*-Aminophenylalanine⁶-angiotensin II (Champion, H.C. (309) 251)

Enantioselectivity

Ca²⁺ current, L-type; Niguldipine; Whole-cell recording; Voltage dependence (Handrock, R. (309) 317)

β-Endorphin

Choline; ACTH (adrenocorticotrophin); Atropine; Mecamylamine; Hemicholinium-3 (Savci, V. (309) 275)

Endothelin

Endothelin ET_A receptor antagonist; FR139317; Neointimal thickening; (Rat) (Takiguchi, Y. (309) 59)

Intestinal inflammation; Inflammatory bowel disease; Bosentan (Hogaboam, C.M. (309) 261)

Endothelin ET_A receptor antagonist

Endothelin; FR139317; Neointimal thickening; (Rat) (Takiguchi, Y. (309) 59)

Ethanol

Discriminative stimulus; 5-HT₃ receptor agonist; 5-HT₃ receptor antagonist (Stefanski, R. (309) 141)

NMDA (*N*-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole) propionic acid; AP-1 (activator protein-1) DNA binding; Transcription factor; Granule cell, cerebellar (Hou, Y.-N. (309) 307)

Fever

CRF (corticotropin-releasing factor); Anxiety; Interleukin-1β; CRF receptor antagonist (Lundkvist, J. (309) 195)

Flesinoxan

Occasion setting; Pavlovian conditioning; Conditioned immobility; Midazolam; Amphetamine (Maes, J.H.R. (309) 131)

Fluoxetine

5-HT (5-hydroxytryptamine, serotonin) uptake inhibitor; Imipramine; Motion sickness (Okada, F. (309) 33)

FR139317

Endothelin; Endothelin ET_A receptor antagonist; Neointimal thickening; (Rat) (Takiguchi, Y. (309) 59)

GABA_A

Individual difference; Novelty; Psychostimulant; Cortex; Locomotion; Basal ganglia (Gruen, R.J. (309) 115)

GABA (γ-aminobutyric acid)

Substantia nigra; Seizure; GABA_A receptor; Development; (Rat) (Velfšková, J. (309) 167)

GABA_A receptor

Substantia nigra; Seizure; GABA (γ-aminobutyric acid); Development; (Rat) (Velfšková, J. (309) 167)

Gi/Go protein

Cold water swimming; Antinociception; Pertussis toxin; Opioid receptor; (Mouse) (Mizoguchi, H. (309) 37)

Glibenclamide

Hypothyroidism; K_{ATP} channel; Portal vein; Pinacidil; Cromakalim (Jagdish, M. (309) 63)

Glutamate release

Protein tyrosine kinase; Ca²⁺/calmodulin-dependent protein kinase II; Phosphorylation; Synaptophysin; Synapsin; Hippocampus; Ageing (Mullany, P. (309) 311)

Aging; ACPD (*trans*-1-amino-cyclopentyl-1,3-dicarboxylate); Arachidonic acid; Protein kinase C; Inositol trisphosphate (McGahon, B. (309) 323)

Glyceryl trinitrate

Nitrite; Nitrate tolerance; Platelet; Smooth muscle cell; Vascular (Weber, A.-A. (309) 209)

cGMP

Vasoconstrictor sympathetic nerve; Nitric oxide (NO); Saphenous vein, human; L-N^ω-Nitro-L-arginine (L-NNA) (Fabi, F. (309) 41)

G₁-protein

Neuropeptide Y receptor; α_{2A}-Adrenoceptor; Ca²⁺; Microtubule; Microfilament (Michel, M.C. (309) 87)

G-protein

β -Adrenoceptor density; Congestive heart failure; Norepinephrine (Lai, L.-P. (309) 201)

Lithium chloride; Valproic acid; Bipolar disorder; ADP ribosylation (Young, L.T. (309) 215)

Granule cell, cerebellar

Ethanol; NMDA (*N*-methyl-D-aspartate); AMPA (α -amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); AP-1 (activator protein-1) DNA binding; Transcription factor (Hou, Y.-N. (309) 307)

Growth factor

Oligodeoxynucleotide; Immediate-early gene (Sachinidis, A. (309) 95)

GYKI 52466

Cyclothiazide; NBQX (2,3-dihydroxy-6-nitro-7-sulfamoylbenzo(*F*)quinoxaline); Allosteric regulation (Okada, M. (309) 299)

Hallucinogen

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor; γ -Aminobutyric acid; Ketanserin (Cozzi, N.V. (309) 25)

Heart, dog

Bertosamil; K⁺ channel, ATP-sensitive; Ca²⁺ channel, L-type; Chronotropism; Inotropism (Yonezawa, T. (309) 51)

Heart failure

Na⁺, K⁺-ATPase; Digitalis; Norepinephrine (Lai, L.-P. (309) 235)

Hemicholinium-3

Choline; ACTH (adrenocorticotrophin); β -Endorphin; Atropine; Mecamylamine (Savci, V. (309) 275)

Hippocampus

Glutamate release; Protein tyrosine kinase; Ca²⁺/calmodulin-dependent protein kinase II; Phosphorylation; Synaptophysin; Synapsin; Ageing (Mullany, P. (309) 311)

5-HT (5-hydroxytryptamine, serotonin)

5-HT_{2A} receptor; γ -Aminobutyric acid; Hallucinogen; Ketanserin (Cozzi, N.V. (309) 25)

Anxiety; 5-HT₄ receptor antagonist; Elevated plus-maze (Silvestre, J.S. (309) 219)

5-HT receptor; Secretion; Colon; Mucosa; (Human) (Borman, R.A. (309) 271)

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Imipramine; Fluoxetine; Motion sickness (Okada, F. (309) 33)

5-HT_{2A} receptor

5-HT (5-hydroxytryptamine, serotonin); γ -Aminobutyric acid; Hallucinogen; Ketanserin (Cozzi, N.V. (309) 25)

5-HT receptor

5-HT (5-hydroxytryptamine, serotonin); Secretion; Colon; Mucosa; (Human) (Borman, R.A. (309) 271)

5-HT_{1A} receptor

8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); Adrenaline; Pituitary; ACTH (adrenocorticotrophin) (Korte, S.M. (309) 281)

5-HT₃ receptor agonist

Discriminative stimulus; Ethanol; 5-HT₃ receptor antagonist (Stefanski, R. (309) 141)

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Discriminative stimulus; Ethanol; 5-HT₃ receptor agonist (Stefanski, R. (309) 141)

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Anxiety; 5-HT (5-hydroxytryptamine, serotonin); Elevated plus-maze (Silvestre, J.S. (309) 219)

Hypothyroidism

K_{ATP} channel; Portal vein; Pinacidil; Cromakalim; Glibenclamide (Jagdish, M. (309) 63)

Ibogaine

NMDA receptor; *O*-Desmethylibogaine; Morphine; Naloxone (Layer, R.T. (309) 159)

Imipramine

5-HT (5-hydroxytryptamine, serotonin) uptake inhibitor; Fluoxetine; Motion sickness (Okada, F. (309) 33)

Immediate-early gene

Oligodeoxynucleotide; Growth factor (Sachinidis, A. (309) 95)

Individual difference

Novelty; GABA_A; Psychostimulant; Cortex; Locomotion; Basal ganglia (Gruen, R.J. (309) 115)

Inflammatory bowel disease

Endothelin; Intestinal inflammation; Bosentan (Hogaboam, C.M. (309) 261)

Inositol trisphosphate

Aging; ACPD (*trans*-1-amino-cyclopentyl-1,3-dicarboxylate); Arachidonic acid; Glutamate release; Protein kinase C (McGahan, B. (309) 323)

Inotropism

Bertosamil; K⁺ channel, ATP-sensitive; Ca²⁺ channel, L-type; Chronotropism; Heart, dog (Yonezawa, T. (309) 51)

Interleukin-1

Water intake; Lipopolysaccharide; Interleukin-1 receptor; Antagonist; (Human) (Nava, F. (309) 223)

Interleukin-1 β

CRF (corticotropin-releasing factor); Anxiety; Fever; CRF receptor antagonist (Lundkvist, J. (309) 195)

Interleukin-1 receptor

Water intake; Lipopolysaccharide; Interleukin-1; Antagonist; (Human) (Nava, F. (309) 223)

Intestinal inflammation

Endothelin; Inflammatory bowel disease; Bosentan (Hogaboam, C.M. (309) 261)

Intestinal vascular bed

Angiotensin peptide; DuP532; PD123,319; Enalaprilat; Angiotensin II; Angiotensin IV; *p*-Aminophenylalanine⁶-angiotensin II (Champion, H.C. (309) 251)

Intestine

Ketotifen; Noradrenaline; Nitric oxide (NO); Smooth muscle (Abu-Dalu, R. (309) 189)

K_{ATP} channel

Hypothyroidism; Portal vein; Pinacidil; Cromakalim; Glibenclamide (Jagdish, M. (309) 63)

K⁺ channel, ATP-sensitive

Bertosamil; Ca²⁺ channel, L-type; Chronotropism; Inotropism; Heart, dog (Yonezawa, T. (309) 51)

Ketanserin

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2A} receptor; γ -Aminobutyric acid; Hallucinogen (Cozzi, N.V. (309) 25)

Ketotifen

Intestine; Noradrenaline; Nitric oxide (NO); Smooth muscle (Abu-Dalu, R. (309) 189)

Lipopolysaccharide

L-Arginine; Nitric oxide (NO); Nitric oxide (NO) synthase; Septic shock; Mesenteric vascular bed; (Rat) (Mitolo-Chieppa, D. (309) 175)

Water intake; Interleukin-1; Interleukin-1 receptor; Antagonist; (Human) (Nava, F. (309) 223)

Lithium chloride

Valproic acid; G-protein; Bipolar disorder; ADP ribosylation (Young, L.T. (309) 215)

Locomotion

α_1 -Adrenoceptor antagonist; Microdialysis; NMDA receptor; Dizocilpine maleate (Mathé, J.M. (309) 1)

Individual difference; Novelty; GABA_A; Psychostimulant; Cortex; Basal ganglia (Gruen, R.J. (309) 115)

Locomotor activity, rat

Nicotine; L-DOPA (3,4-dihydroxyphenylalanine) release; Nucleus accumbens; Ventral tegmental area; Microdialysis (Goshima, Y. (309) 229)

Lordosis

Conditioned place preference; Sulpiride; Raclopride; Dopamine; Dopamine D₂ receptor (Meisel, R.L. (309) 21)

Mecamylamine

Choline; ACTH (adrenocorticotrophin); β -Endorphin; Atropine; Hemicholinium-3 (Savci, V. (309) 275)

Medial septum lesion

Scopolamine; Aging; Metrifonate; Spatial navigation; Passive avoidance (Riekkinen Jr., P. (309) 121)

Mesenteric vascular bed

L-Arginine; Nitric oxide (NO); Nitric oxide (NO) synthase; Lipopolysaccharide; Septic shock; (Rat) (Mitolo-Chieppa, D. (309) 175)

Metabotropic glutamate receptor

cAMP; Phosphoinositide hydrolysis; Cortex; Cerebellar granule cell; Phenylglycine (Bedingfield, J.S. (309) 71)

Cerebral cortex slice; cAMP; (Agonist) (Kemp, M.C. (309) 79)

Metrifonate

Scopolamine; Medial septum lesion; Aging; Spatial navigation; Passive avoidance (Riekkinen Jr., P. (309) 121)

Microdialysis

α_1 -Adrenoceptor antagonist; NMDA receptor; Dizocilpine maleate; Locomotion (Mathé, J.M. (309) 1)

Nicotine; L-DOPA (3,4-dihydroxyphenylalanine) release; Locomotor activity, rat; Nucleus accumbens; Ventral tegmental area (Goshima, Y. (309) 229)

Microfilament

G_i-protein; Neuropeptide Y receptor; α_{2A} -Adrenoceptor; Ca²⁺; Microtubule (Michel, M.C. (309) 87)

Microtubule

G_i-protein; Neuropeptide Y receptor; α_{2A} -Adrenoceptor; Ca²⁺; Microfilament (Michel, M.C. (309) 87)

Midazolam

Occasion setting; Pavlovian conditioning; Conditioned immobility; Amphetamine; Flesinoxan (Maes, J.H.R. (309) 131)

Molecular modelling

Nicotinic acetylcholine receptor; Muscle, fetal, rat; Patch-clamp; Voltage-clamp; Nicotinic agonist; Non-competitive agonist (Cooper, J.C. (309) 287)

Morphine

NMDA receptor; Ibogaine; *O*-Desmethylibogaine; Naloxone (Layer, R.T. (309) 159)

Motion sickness

5-HT (5-hydroxytryptamine, serotonin) uptake inhibitor; Imipramine; Fluoxetine (Okada, F. (309) 33)

Motor suppression

Conditioned fear stress; σ Receptor; Phenytoin; Dopaminergic system (Kamei, H. (309) 149)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine)

Dopamine D₁ receptor agonist; Desensitization; Parkinson's disease (Blanchet, P.J. (309) 13)

Mucosa

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor; Secretion; Colon; (Human) (Borman, R.A. (309) 271)

Muscle, fetal, rat

Nicotinic acetylcholine receptor; Patch-clamp; Voltage-clamp; Molecular modelling; Nicotinic agonist; Non-competitive agonist (Cooper, J.C. (309) 287)

Na⁺, K⁺-ATPase

Digitalis; Heart failure; Norepinephrine (Lai, L.-P. (309) 235)

Naloxone

NMDA receptor; Ibogaine; *O*-Desmethylibogaine; Morphine (Layer, R.T. (309) 159)

NBQX (2,3-dihydroxy-6-nitro-7-sulfamoyl-benzo(F)quinoxaline)

Cyclothiazide; GYKI 52466; Allosteric regulation (Okada, M. (309) 299)

Neointimal thickening

Endothelin; Endothelin ET_A receptor antagonist; FR139317; (Rat) (Takiuchi, Y. (309) 59)

Neuropeptide Y receptor

G_i-protein; α_{2A} -Adrenoceptor; Ca²⁺; Microtubule; Microfilament (Michel, M.C. (309) 87)

Newborn

Cyclic nucleotide; Cerebral circulation (Wilderman, M.J. (309) 243)

L-N^ω-Nitro-L-arginine (L-NNA)

Vasoconstrictor sympathetic nerve; Nitric oxide (NO); Saphenous vein, human; cGMP (Fabi, F. (309) 41)

Nicotine

L-DOPA (3,4-dihydroxyphenylalanine) release; Locomotor activity, rat; Nucleus accumbens; Ventral tegmental area; Microdialysis (Goshima, Y. (309) 229)

Nicotinic acetylcholine receptor

Muscle, fetal, rat; Patch-clamp; Voltage-clamp; Molecular modelling; Nicotinic agonist; Non-competitive agonist (Cooper, J.C. (309) 287)

Nicotinic agonist

Nicotinic acetylcholine receptor; Muscle, fetal, rat; Patch-clamp; Voltage-clamp; Molecular modelling; Non-competitive agonist (Cooper, J.C. (309) 287)

Niguldipine

Ca²⁺ current, L-type; Whole-cell recording; Voltage dependence; Enantioselectivity (Handrock, R. (309) 317)

Nitrate tolerance

Glyceryl trinitrate; Nitrite; Platelet; Smooth muscle cell; Vascular (Weber, A.-A. (309) 209)

Nitric oxide (NO)

Vasoconstrictor sympathetic nerve; Saphenous vein, human; L-N^G-Nitro-L-arginine (L-NNA); cGMP (Fabi, F. (309) 41)

L-Arginine; Nitric oxide (NO) synthase; Lipopolysaccharide; Septic shock; Mesenteric vascular bed; (Rat) (Mitolo-Chieppa, D. (309) 175)

Ketotifen; Intestine; Noradrenaline; Smooth muscle (Abu-Dalu, R. (309) 189)

Nitric oxide (NO) synthase

L-Arginine; Nitric oxide (NO); Lipopolysaccharide; Septic shock; Mesenteric vascular bed; (Rat) (Mitolo-Chieppa, D. (309) 175)

Nitrite

Glyceryl trinitrate; Nitrate tolerance; Platelet; Smooth muscle cell; Vascular (Weber, A.-A. (309) 209)

NMDA (N-methyl-D-aspartate)

Ethanol; AMPA (α -amino-3-hydroxy-5-methyl-4-isoxazole) propionic acid; AP-1 (activator protein-1) DNA binding; Transcription factor; Granule cell, cerebellar (Hou, Y.-N. (309) 307)

NMDA receptor

α_1 -Adrenoceptor antagonist; Microdialysis; Dizocilpine maleate; Locomotion (Mathé, J.M. (309) 1)

Ibogaine; O-Desmethylibogaine; Morphine; Naloxone (Layer, R.T. (309) 159)

Non-competitive agonist

Nicotinic acetylcholine receptor; Muscle, fetal, rat; Patch-clamp; Voltage-clamp; Molecular modelling; Nicotinic agonist (Cooper, J.C. (309) 287)

Noradrenaline

Ketotifen; Intestine; Nitric oxide (NO); Smooth muscle (Abu-Dalu, R. (309) 189)

Norepinephrine

G-protein; β -Adrenoceptor density; Congestive heart failure (Lai, L.-P. (309) 201)

Na⁺,K⁺-ATPase; Digitalis; Heart failure (Lai, L.-P. (309) 235)

Novelty

Individual difference; GABA_A; Psychostimulant; Cortex; Locomotion; Basal ganglia (Gruen, R.J. (309) 115)

Nucleus accumbens

Nicotine; L-DOPA (3,4-dihydroxyphenylalanine) release; Locomotor activity, rat; Ventral tegmental area; Microdialysis (Goshima, Y. (309) 229)

Occasion setting

Pavlovian conditioning; Conditioned immobility; Midazolam; Amphetamine; Flesinoxan (Maes, J.H.R. (309) 131)

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

5-HT_{1A} receptor; Adrenaline; Pituitary; ACTH (adrenocorticotrophin) (Korte, S.M. (309) 281)

Oligodeoxynucleotide

Immediate-early gene; Growth factor (Sachinidis, A. (309) 95)

Opioid receptor

Cold water swimming; Antinociception; Pertussis toxin; Gi/Go protein; (Mouse) (Mizoguchi, H. (309) 37)

 κ -Opioid receptor

Cardiovascular; Blood pressure; Phentolamine; Pregnancy (Szeto, H.H. (309) 183)

Parkinson's disease

Dopamine D₁ receptor agonist; Desensitization; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) (Blanchet, P.J. (309) 13)

Passive avoidance

Scopolamine; Medial septum lesion; Aging; Metrifonate; Spatial navigation (Riekkinen Jr., P. (309) 121)

Patch-clamp

Nicotinic acetylcholine receptor; Muscle, fetal, rat; Voltage-clamp; Molecular modelling; Nicotinic agonist; Non-competitive agonist (Cooper, J.C. (309) 287)

Pavlovian conditioning

Occasion setting; Conditioned immobility; Midazolam; Amphetamine; Flesinoxan (Maes, J.H.R. (309) 131)

PD123,319

Intestinal vascular bed; Angiotensin peptide; DuP532; Enalaprilat; Angiotensin II; Angiotensin IV; *p*-Aminophenylalanine⁶-angiotensin II (Champion, H.C. (309) 251)

Pertussis toxin

Cold water swimming; Antinociception; Gi/Go protein; Opioid receptor; (Mouse) (Mizoguchi, H. (309) 37)

Phentolamine

κ -Opioid receptor; Cardiovascular; Blood pressure; Pregnancy (Szeto, H.H. (309) 183)

Phenylglycine

Metabotropic glutamate receptor; cAMP; Phosphoinositide hydrolysis; Cortex; Cerebellar granule cell (Bedingfield, J.S. (309) 71)

Phenytol

Conditioned fear stress; σ Receptor; Dopaminergic system; Motor suppression (Kamei, H. (309) 149)

Phosphoinositide hydrolysis

Metabotropic glutamate receptor; cAMP; Cortex; Cerebellar granule cell; Phenylglycine (Bedingfield, J.S. (309) 71)

Phosphorylation

Glutamate release; Protein tyrosine kinase; Ca^{2+} /calmodulin-dependent protein kinase II; Synaptophysin; Synapsin; Hippocampus; Ageing (Mullany, P. (309) 311)

Pinacidil

Hypothyroidism; K_{ATP} channel; Portal vein; Cromakalim; Glibenclamide (Jagdish, M. (309) 63)

Pituitary

5-HT_{1A} receptor; 8-OH-DPAT (8-hydroxy-2-(di-*n*-propylamino)tetralin); Adrenaline; ACTH (adrenocorticotrophin) (Korte, S.M. (309) 281)

Platelet

Glyceryl trinitrate; Nitrite; Nitrate tolerance; Smooth muscle cell; Vascular (Weber, A.-A. (309) 209)

Portal vein

Hypothyroidism; K_{ATP} channel; Pinacidil; Cromakalim; Glibenclamide (Jagdish, M. (309) 63)

Pregnancy

κ -Opioid receptor; Cardiovascular; Blood pressure; Phentolamine (Szeto, H.H. (309) 183)

Protein kinase C

Ageing; ACPD (*trans*-1-amino-cyclopentyl-1,3-dicarboxylate); Arachidonic acid; Glutamate release; Inositol trisphosphate (McGahon, B. (309) 323)

Protein tyrosine kinase

Glutamate release; Ca^{2+} /calmodulin-dependent protein kinase II; Phosphorylation; Synaptophysin; Synapsin; Hippocampus; Ageing (Mullany, P. (309) 311)

Psychostimulant

Individual difference; Novelty; GABA_A; Cortex; Locomotion; Basal ganglia (Gruen, R.J. (309) 115)

Raclopride

Conditioned place preference; Sulpiride; Dopamine; Dopamine D₂ receptor; Lordosis (Meisel, R.L. (309) 21)

σ Receptor

Conditioned fear stress; Phenytoin; Dopaminergic system; Motor suppression (Kamei, H. (309) 149)

Saphenous vein, human

Vasoconstrictor sympathetic nerve; Nitric oxide (NO); L-N^ω-Nitro-L-arginine (L-NNA); cGMP (Fabi, F. (309) 41)

Scopolamine

Medial septum lesion; Aging; Metrifonate; Spatial navigation; Passive avoidance (Riekkinen Jr., P. (309) 121)

Secretion

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptor; Colon; Mucosa; (Human) (Borman, R.A. (309) 271)

Seizure

Substantia nigra; GABA (γ -aminobutyric acid); GABA_A receptor; Development; (Rat) (Velíšková, J. (309) 167)

Septic shock

L-Arginine; Nitric oxide (NO); Nitric oxide (NO) synthase; Lipopolysaccharide; Mesenteric vascular bed; (Rat) (Mitolo-Chieppa, D. (309) 175)

Smooth muscle

Ketotifen; Intestine; Noradrenaline; Nitric oxide (NO) (Abu-Dalu, R. (309) 189)

Smooth muscle cell

Glyceryl trinitrate; Nitrite; Nitrate tolerance; Platelet; Vascular (Weber, A.-A. (309) 209)

Spatial navigation

Scopolamine; Medial septum lesion; Aging; Metrifonate; Passive avoidance (Riekkinen Jr., P. (309) 121)

Substantia nigra

Seizure; GABA (γ -aminobutyric acid); GABA_A receptor; Development; (Rat) (Velíšková, J. (309) 167)

Sulpiride

Conditioned place preference; Raclopride; Dopamine; Dopamine D₂ receptor; Lordosis (Meisel, R.L. (309) 21)

Synapsin

Glutamate release; Protein tyrosine kinase; Ca^{2+} /calmodulin-dependent protein kinase II; Phosphorylation; Synaptophysin; Hippocampus; Ageing (Mullany, P. (309) 311)

Synaptophysin

Glutamate release; Protein tyrosine kinase; Ca^{2+} /calmodulin-dependent protein kinase II; Phosphorylation; Synapsin; Hippocampus; Ageing (Mullany, P. (309) 311)

Transcription factor

Ethanol; NMDA (*N*-methyl-D-aspartate); AMPA (α -amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); AP-1 (activator protein-1) DNA binding; Granule cell, cerebellar (Hou, Y.-N. (309) 307)

Transporter

Dopamine; Dopamine efflux (Kitayama, S. (309) 107)

Valproic acid

Lithium chloride; G-protein; Bipolar disorder; ADP ribosylation (Young, L.T. (309) 215)

Vascular

Glyceryl trinitrate; Nitrite; Nitrate tolerance; Platelet; Smooth muscle cell (Weber, A.-A. (309) 209)

Vasoconstrictor sympathetic nerve

Nitric oxide (NO); Saphenous vein, human; L-N^ω-Nitro-L-arginine (L-NNA); cGMP (Fabi, F. (309) 41)

Ventral tegmental area

Nicotine; L-DOPA (3,4-dihydroxyphenylalanine) release; Locomotor activity, rat; Nucleus accumbens; Microdialysis (Goshima, Y. (309) 229)

Voltage-clamp

Nicotinic acetylcholine receptor; Muscle, fetal, rat; Patch-clamp; Molecular modelling; Nicotinic agonist; Non-competitive agonist (Cooper, J.C. (309) 287)

Voltage dependence

Ca^{2+} current, L-type; Niguldipine; Whole-cell recording; Enantioselectivity (Handrock, R. (309) 317)

Water intake

Lipopolysaccharide; Interleukin-1; Interleukin-1 receptor; Antagonist; (Human) (Nava, F. (309) 223)

Whole-cell recording

Ca^{2+} current, L-type; Niguldipine; Voltage dependence; Enantioselectivity (Handrock, R. (309) 317)