

Keyword index

***N*-Acylethanolamide**

Palmitoylethanolamide; Autacoid local inflammatory antagonism; Cannabinoid receptor, peripheral; Neurogenic inflammation; Passive cutaneous anaphylaxis (Mazzari, S. (300) 227)

Adenosine

Caffeine; Sleep regulation; Sleep EEG (electroencephalogram); (Rat) (Schwierin, B. (300) 163)

Adenylyl cyclase

Excitatory amino acid; Metabotropic glutamate receptor; GTP hydrolysis; G-protein; Cerebral cortex (Odagaki, Y. (300) 151)

α_1 -Adrenoceptor

NMDA receptor; Water maze; Passive avoidance; Prazosin; CPP (($\pm$))-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid) (Riekkinen, M. (300) 9)

α_{1L} -Adrenoceptor

α_1 -Adrenoceptor subtype; JTH-601; Prazosin (Muramatsu, I. (300) 155)

β -Adrenoceptor

5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective; Dorsal hippocampus; Microdialysis (Petersen, B. (300) 67)

β -Adrenoceptor, β_1 and β_2 subtype

Desipramine; Binding site, high and low affinity; Astrocyte, isolated; Neuron, isolated (Sapena, R. (300) 159)

α_1 -Adrenoceptor subtype

JTH-601; Prazosin; α_{1L} -Adrenoceptor (Muramatsu, I. (300) 155)

cAMP

CINC (cytokine-induced neutrophil chemoattractant); Interleukin-1; Interleukin-6; Prostaglandin E_2 ; TNF (tumor necrosis factor) (Oh-ishi, S. (300) 255)

cAMP formation

5-HT_{1D} receptor antagonist; Ketanserin; 5-HT_{1B} receptor antagonist; GR 127,935; 5-HT_{1D} receptor, human, cloned; 5-HT_{1B} receptor, human, cloned; (Transfected rat C6-glia cell line) (Pauwels, P.J. (300) 141)

***d*-Amphetamine**

Dose response; Psychomotor stimulant; Motor activity; Behavior (Gaytan, O. (300) 1)

Angiotensin AT₁ receptor

Angiotensin AT₂ receptor; Atropine; Osmoregulation, central; PD 123177; Vasopressin (Höhle, S. (300) 119)

Angiotensin AT₂ receptor

Angiotensin AT₁ receptor; Atropine; Osmoregulation, central; PD 123177; Vasopressin (Höhle, S. (300) 119)

Anticonvulsant

Na⁺ channel, voltage-dependent (Tang, L. (300) 71)

Antinociception

Nicotine; Epibatidine; Tolerance; (Mouse) (Damaj, M.I. (300) 51)

Antitussive effect

Morphine; μ -Opioid receptor, subtype; Cough reflex; (Beige rat) (Kamei, J. (300) 75)

Anxiety

CCK (cholecystokinin); CCK receptor antagonist; CCK_B receptor; Conditioned fear stress; LY288513 ((4*S*,5*R*)-*N*-(4-bromophenyl)-3-oxo-4,5-diphenyl-1-pyrazolidinecarboxamide) (Izumi, T. (300) 25)

Arrhythmia

Dietary fat; *n*-3 fatty acid; Blood pressure; Proteinuria; Thromboxane (McLennan, P. (300) 83)

Astrocyte, isolated

β -Adrenoceptor, β_1 and β_2 subtype; Desipramine; Binding site, high and low affinity; Neuron, isolated (Sapena, R. (300) 159)

ATPase

Thiamine deficiency; Thalamus; Pyrithiamine; [³H]Ouabain; (Rat) (Mousseau, D.D. (300) 191)

Atropine

Angiotensin AT₁ receptor; Angiotensin AT₂ receptor; Osmoregulation, central; PD 123177; Vasopressin (Höhle, S. (300) 119)

Autacoid local inflammatory antagonism

N-Acylethanolamide; Palmitoylethanolamide; Cannabinoid receptor, peripheral; Neurogenic inflammation; Passive cutaneous anaphylaxis (Mazzari, S. (300) 227)

Automaticity

Hyperpolarization-activated current (*I_f*); Ventricular arrhythmia; Zatebradine; Heart, dog (Furukawa, Y. (300) 203)

Autoradiography

5-HT recognition site; Duodenum, rat; Ileum, rat; [¹²⁵I]S-($\sim$)-Zacopride (Ge, J. (300) 113)

Endothelin; Endothelin receptor; BQ123; BQ788 (Tayag, E.C. (300) 261)

Azelastine

Traumatic brain injury; Leukotriene; NMDA (*N*-methyl-D-aspartate); Hippocampus; (In vitro) (Girard, J. (300) 43)

Behavior

d-Amphetamine; Dose response; Psychomotor stimulant; Motor activity (Gaytan, O. (300) 1)

Benextramine

Prostanoid TP receptor; Mesenteric artery, small; SQ 30,741; U46619; (Rat) (Van der Graaf, P.H. (300) 211)

Benzodiazepine receptor

Loreclezole; GABA_A receptor; Neuroactive steroid (Xue, B.G. (300) 125)

Binding site

Opioid receptor, human; Opiate (Li, X. (300) R1)

Binding site, high and low affinity

β -Adrenoceptor, β_1 and β_2 subtype; Desipramine; Astrocyte, isolated; Neuron, isolated (Sapena, R. (300) 159)

Biphasic effect

Interleukin-1 β ; Mechanical nociception; (Rat) (Yabuuchi, K. (300) 59)

Blood pressure

Dietary fat; *n*-3 fatty acid; Arrhythmia; Proteinuria; Thromboxane (McLennan, P. (300) 83)

Bone resorption

Cathepsin L; Cysteine protease inhibitor; Dipeptidyl aldehyde (Woo, J.-T. (300) 131)

BQ123

Endothelin; Endothelin receptor; BQ788; Autoradiography (Tayag, E.C. (300) 261)

BQ788

Endothelin; Endothelin receptor; BQ123; Autoradiography (Tayag, E.C. (300) 261)

Bronchoconstriction

FK888; SR48968; Citric acid; Cough; Tachykinin (Yasumitsu, R. (300) 215)

Ca²⁺ channel antagonist

Dystonia; Dopamine; Movement disorder (Richter, A. (300) 197)

Caffeine

Adenosine; Sleep regulation; Sleep EEG (electroencephalogram); (Rat) (Schwierin, B. (300) 163)

Cannabinoid receptor, peripheral

N-Acylethanolamide; Palmitoylethanolamide; Autacoid local inflammatory antagonism; Neurogenic inflammation; Passive cutaneous anaphylaxis (Mazzari, S. (300) 227)

Cathepsin L

Cysteine protease inhibitor; Bone resorption; Dipeptidyl aldehyde (Woo, J.-T. (300) 131)

CCK (cholecystokinin)

CCK receptor antagonist; CCK_B receptor; Conditioned fear stress; Anxiety; LY288513 ((4*S*,5*R*)-*N*-(4-bromophenyl)-3-oxo-4,5-diphenyl-1-pyrazolidinecarboxamide) (Izumi, T. (300) 25)

CCK_B receptor

CCK (cholecystokinin); CCK receptor antagonist; Conditioned fear stress; Anxiety; LY288513 ((4*S*,5*R*)-*N*-(4-bromophenyl)-3-oxo-4,5-diphenyl-1-pyrazolidinecarboxamide) (Izumi, T. (300) 25)

CCK receptor antagonist

CCK (cholecystokinin); CCK_B receptor; Conditioned fear stress; Anxiety; LY288513 ((4*S*,5*R*)-*N*-(4-bromophenyl)-3-oxo-4,5-diphenyl-1-pyrazolidinecarboxamide) (Izumi, T. (300) 25)

Cerebral cortex

Excitatory amino acid; Metabotropic glutamate receptor; GTP hydrolysis; G-protein; Adenylyl cyclase (Odagaki, Y. (300) 151)

Cerebral cortex, guinea-pig

NMDA receptor; 5-HT autoreceptor; Presynaptic receptor; 5-HT (5-hydroxytryptamine, serotonin) release; Serotonergic axon terminal (Fink, K. (300) 79)

Ceritizine

Chlorpheniramine; EEG (electroencephalogram), quantitative; Oral administration, acute; Plasma concentration, drug; Neuropsychological status; (Healthy volunteer) (Sannita, W.G. (300) 33)

Chelerythrine

Opioid withdrawal; Metabotropic glutamate receptor; Protein kinase C; Inositol-1,4,5-trisphosphate; Thapsigargin (Fundytus, M.E. (300) 173)

Chlorpheniramine

Ceritizine; EEG (electroencephalogram), quantitative; Oral administration, acute; Plasma concentration, drug; Neuropsychological status; (Healthy volunteer) (Sannita, W.G. (300) 33)

CINC (cytokine-induced neutrophil chemoattractant)

cAMP; Interleukin-1; Interleukin-6; Prostaglandin E₂; Prostaglandin I₂; TNF (tumor necrosis factor) (Oh-ishi, S. (300) 255)

Citric acid

FK888; SR48968; Bronchoconstriction; Cough; Tachykinin (Yasumitsu, R. (300) 215)

Conditioned fear stress

CCK (cholecystokinin); CCK receptor antagonist; CCK_B receptor; Anxiety; LY288513 ((4*S*,5*R*)-*N*-(4-bromophenyl)-3-oxo-4,5-diphenyl-1-pyrazolidinecarboxamide) (Izumi, T. (300) 25)

Contraction

Coronary artery, canine; GR127935; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1D} receptor; Sumatriptan (Terrón, J.A. (300) 109)

Coronary artery, canine

Contraction; GR127935; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1D} receptor; Sumatriptan (Terrón, J.A. (300) 109)

Cough

FK888; SR48968; Citric acid; Bronchoconstriction; Tachykinin (Yasumitsu, R. (300) 215)

Cough reflex

Morphine; μ -Opioid receptor, subtype; Antitussive effect; (Beige rat) (Kamei, J. (300) 75)

CPP (($\pm$))-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid

α_1 -Adrenoceptor; NMDA receptor; Water maze; Passive avoidance; Prazosin (Riekkinen, M. (300) 9)

Cysteine protease inhibitor

Cathepsin L; Bone resorption; Dipeptidyl aldehyde (Woo, J.-T. (300) 131)

Deferential artery, human

Vas deferens; Vasopressin; Endothelium; Nitric oxide (NO) (Medina, P. (300) 221)

Desipramine

β -Adrenoceptor, β_1 and β_2 subtype; Binding site, high and low affinity; Astrocyte, isolated; Neuron, isolated (Sapena, R. (300) 159)

Dietary fat

n-3 fatty acid; Arrhythmia; Blood pressure; Proteinuria; Thromboxane (McLennan, P. (300) 83)

Dipeptidyl aldehyde

Cathepsin L; Cysteine protease inhibitor; Bone resorption (Woo, J.-T. (300) 131)

L-DOPA (L-dihydroxyphenylalanine)

L-threo-DOPS (*L-threo*-dihydroxyphenylserine); Nucleus tractus solitarii; L-DOPA methyl ester; Neurotransmitter; (Rat) (Miyamae, T. (300) 105)

L-DOPA methyl ester

L-threo-DOPS (*L-threo*-dihydroxyphenylserine); L-DOPA (L-dihydroxyphenylalanine); Nucleus tractus solitarii; Neurotransmitter; (Rat) (Miyamae, T. (300) 105)

Dopamine

Ca²⁺ channel antagonist; Dystonia; Movement disorder (Richter, A. (300) 197)

L-threo-DOPS (L-threo-dihydroxyphenylserine)

L-DOPA (L-dihydroxyphenylalanine); Nucleus tractus solitarii; L-DOPA methyl ester; Neurotransmitter; (Rat) (Miyamae, T. (300) 105)

Dorsal hippocampus

5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective; β -Adrenoceptor; Microdialysis (Petersen, B. (300) 67)

Dose response

d-Amphetamine; Psychomotor stimulant; Motor activity; Behavior (Gaytan, O. (300) 1)

Duodenum, rat

5-HT recognition site; Ileum, rat; [¹²⁵I]S(-)-Zacopride; Autoradiography (Ge, J. (300) 113)

Dystonia

Ca²⁺ channel antagonist; Dopamine; Movement disorder (Richter, A. (300) 197)

EEG (electroencephalogram), quantitative

Ceritizine; Chlorpheniramine; Oral administration, acute; Plasma concentration, drug; Neuropsychological status; (Healthy volunteer) (Sannita, W.G. (300) 33)

Endothelial modulation

Resistance artery, small; Hyperthyroidism; Thromboxane A₂ receptor agonist; 5-HT (5-hydroxytryptamine, serotonin) (Zwaveling, J. (300) 91)

Endothelin

Endothelin receptor; BQ123; BQ788; Autoradiography (Tayag, E.C. (300) 261)

Endothelin receptor

Endothelin; BQ123; BQ788; Autoradiography (Tayag, E.C. (300) 261)

Endothelium

Deferential artery, human; Vas deferens; Vasopressin; Nitric oxide (NO) (Medina, P. (300) 221)

Endotoxin

Nitric oxide (NO) synthase, inducible; Lipopolysaccharide; Multiple organ dysfunction syndrome; Liver failure (Wu, C.-C. (300) 99)

Epibatidine

Nicotine; Antinociception; Tolerance; (Mouse) (Damaj, M.I. (300) 51)

Estradiol

Mitogen-activated protein kinase; Smooth muscle, uterine; Steroid; Progesterone (Ruzycky, A.L. (300) 247)

Excitatory amino acid

Metabotropic glutamate receptor; GTP hydrolysis; G-protein; Adenylyl cyclase; Cerebral cortex (Odagaki, Y. (300) 151)

FK888

SR48968; Citric acid; Bronchoconstriction; Cough; Tachykinin (Yasumitsu, R. (300) 215)

GABA_A receptor

Loreclezole; Neuroactive steroid; Benzodiazepine receptor (Xue, B.G. (300) 125)

Glutamate

RPR 104632; Glycine receptor antagonist; NMDA receptor-channel complex; Neurotoxicity (Boireau, A. (300) 237)

Glycine receptor antagonist

RPR 104632; Glutamate; NMDA receptor-channel complex; Neurotoxicity (Boireau, A. (300) 237)

G-protein

Excitatory amino acid; Metabotropic glutamate receptor; GTP hydrolysis; Adenylyl cyclase; Cerebral cortex (Odagaki, Y. (300) 151)

GR127935

Coronary artery, canine; Contraction; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1D} receptor; Sumatriptan (Terrón, J.A. (300) 109)

GR 127,935

5-HT_{1D} receptor antagonist; Ketanserin; 5-HT_{1B} receptor antagonist; 5-HT_{1D} receptor, human, cloned; 5-HT_{1B} receptor, human, cloned; cAMP formation; (Transfected rat C6-glia cell line) (Pauwels, P.J. (300) 141)

GTP hydrolysis

Excitatory amino acid; Metabotropic glutamate receptor; G-protein; Adenylyl cyclase; Cerebral cortex (Odagaki, Y. (300) 151)

Heart, dog

Automaticity; Hyperpolarization-activated current (*I_f*); Ventricular arrhythmia; Zatebradine (Furukawa, Y. (300) 203)

Hippocampus

Azelastine; Traumatic brain injury; Leukotriene; NMDA (*N*-methyl-D-aspartate); (In vitro) (Girard, J. (300) 43)

5-HT autoreceptor

NMDA receptor; Presynaptic receptor; 5-HT (5-hydroxytryptamine, serotonin) release; Cerebral cortex, guinea-pig; Serotonergic axon terminal (Fink, K. (300) 79)

5-HT (5-hydroxytryptamine, serotonin)

Resistance artery, small; Hyperthyroidism; Thromboxane A₂ receptor agonist; Endothelial modulation (Zwaveling, J. (300) 91)

Coronary artery, canine; Contraction; GR127935; 5-HT_{1D} receptor; Sumatriptan (Terrón, J.A. (300) 109)

5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective
 β -Adrenoceptor; Dorsal hippocampus; Microdialysis (Petersen, B. (300) 67)

5-HT (5-hydroxytryptamine, serotonin) release

NMDA receptor; 5-HT autoreceptor; Presynaptic receptor; Cerebral cortex, guinea-pig; Serotonergic axon terminal (Fink, K. (300) 79)

5-HT_{1D} receptor

Coronary artery, canine; Contraction; GR127935; 5-HT (5-hydroxytryptamine, serotonin); Sumatriptan (Terrón, J.A. (300) 109)

8-OH-DPAT ((±)-8-hydroxy-2-(di-*n*-propylamino)tetralin); Stereoselectivity (Pauwels, P.J. (300) 137)

5-HT_{1B} receptor antagonist

5-HT_{1D} receptor antagonist; Ketanserin; GR 127,935; 5-HT_{1D} receptor, human, cloned; 5-HT_{1B} receptor, human, cloned; cAMP formation; (Transfected rat C6-glia cell line) (Pauwels, P.J. (300) 141)

5-HT_{1D} receptor antagonist

Ketanserin; 5-HT_{1B} receptor antagonist; GR 127,935; 5-HT_{1D} receptor, human, cloned; 5-HT_{1B} receptor, human, cloned; cAMP formation; (Transfected rat C6-glia cell line) (Pauwels, P.J. (300) 141)

5-HT_{1B} receptor, human, cloned

5-HT_{1D} receptor antagonist; Ketanserin; 5-HT_{1B} receptor antagonist; GR 127,935; 5-HT_{1D} receptor, human, cloned; cAMP formation; (Transfected rat C6-glia cell line) (Pauwels, P.J. (300) 141)

5-HT_{1D} receptor, human, cloned

5-HT_{1D} receptor antagonist; Ketanserin; 5-HT_{1B} receptor antagonist; GR 127,935; 5-HT_{1B} receptor, human, cloned; cAMP formation; (Transfected rat C6-glia cell line) (Pauwels, P.J. (300) 141)

5-HT recognition site

Duodenum, rat; Ileum, rat; [¹²⁵I]S-(−)-Zacopride; Autoradiography (Ge, J. (300) 113)

Hyperpolarization-activated current (*I_T*)

Automaticity; Ventricular arrhythmia; Zatebradine; Heart, dog (Furukawa, Y. (300) 203)

Hyperthyroidism

Resistance artery, small; Thromboxane A₂ receptor agonist; 5-HT (5-hydroxytryptamine, serotonin); Endothelial modulation (Zwaveling, J. (300) 91)

Ileum, rat

5-HT recognition site; Duodenum, rat; [¹²⁵I]S-(−)-Zacopride; Autoradiography (Ge, J. (300) 113)

Inositol-1,4,5-trisphosphate

Opioid withdrawal; Metabotropic glutamate receptor; Protein kinase C; Chelerythrine; Thapsigargin (Fundytus, M.E. (300) 173)

Interleukin-1

CINC (cytokine-induced neutrophil chemoattractant); cAMP; Interleukin-6; Prostaglandin E₂; Prostaglandin I₂; TNF (tumor necrosis factor) (Oh-ishi, S. (300) 255)

Interleukin-6

CINC (cytokine-induced neutrophil chemoattractant); cAMP; Interleukin-1; Prostaglandin E₂; Prostaglandin I₂; TNF (tumor necrosis factor) (Oh-ishi, S. (300) 255)

Interleukin-1β

Biphasic effect; Mechanical nociception; (Rat) (Yabuuchi, K. (300) 59)

J774 macrophage

Ursodeoxycholic acid; Nitric oxide (NO) synthase; Lipopolysaccharide (Hattori, Y. (300) 147)

JTH-601

α₁-Adrenoceptor subtype; Prazosin; α_{1L}-Adrenoceptor (Muramatsu, I. (300) 155)

Ketanserin

5-HT_{1D} receptor antagonist; 5-HT_{1B} receptor antagonist; GR 127,935; 5-HT_{1D} receptor, human, cloned; 5-HT_{1B} receptor, human, cloned; cAMP formation; (Transfected rat C6-glia cell line) (Pauwels, P.J. (300) 141)

Leukotriene

Azelastine; Traumatic brain injury; NMDA (*N*-methyl-D-aspartate); Hippocampus; (In vitro) (Girard, J. (300) 43)

Lipopolysaccharide

Nitric oxide (NO) synthase, inducible; Multiple organ dysfunction syndrome; Liver failure; Endotoxin (Wu, C.-C. (300) 99)

Ursodeoxycholic acid; Nitric oxide (NO) synthase; J774 macrophage (Hattori, Y. (300) 147)

Liver failure

Nitric oxide (NO) synthase, inducible; Lipopolysaccharide; Multiple organ dysfunction syndrome; Endotoxin (Wu, C.-C. (300) 99)

Loreclezole

GABA_A receptor; Neuroactive steroid; Benzodiazepine receptor (Xue, B.G. (300) 125)

LY288513 ((4*S*,5*R*)-*N*-(4-bromophenyl)-3-oxo-4,5-diphenyl-1-pyrazolidinecarboxamide)

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Mechanical nociception

Interleukin-1β; Biphasic effect; (Rat) (Yabuuchi, K. (300) 59)

Mesenteric artery, small

Benextramine; Prostanoid TP receptor; SQ 30,741; U46619; (Rat) (Van der Graaf, P.H. (300) 211)

Metabotropic glutamate receptor

Excitatory amino acid; GTP hydrolysis; G-protein; Adenylyl cyclase; Cerebral cortex (Odagaki, Y. (300) 151)

Opioid withdrawal; Protein kinase C; Inositol-1,4,5-trisphosphate; Chelerythrine; Thapsigargin (Fundytus, M.E. (300) 173)

Microdialysis

5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective; β-Adrenoceptor; Dorsal hippocampus (Petersen, B. (300) 67)

Mitogen-activated protein kinase

Smooth muscle, uterine; Steroid; Estradiol; Progesterone (Ruzycky, A.L. (300) 247)

Morphine

μ-Opioid receptor, subtype; Antitussive effect; Cough reflex; (Beige rat) (Kamei, J. (300) 75)

Motor activity

d-Amphetamine; Dose response; Psychomotor stimulant; Behavior (Gaytan, O. (300) 1)

Movement disorder

Ca²⁺ channel antagonist; Dystonia; Dopamine (Richter, A. (300) 197)

Multiple organ dysfunction syndrome

Nitric oxide (NO) synthase, inducible; Lipopolysaccharide; Liver failure; Endotoxin (Wu, C.-C. (300) 99)

Na⁺ channel, voltage-dependent

Anticonvulsant (Tang, L. (300) 71)

Naltriben

Naltrindole; δ -Opioid receptor; Opioid withdrawal (Funada, M. (300) 17)

Naltrindole

Naltriben; δ -Opioid receptor; Opioid withdrawal (Funada, M. (300) 17)

Neuroactive steroid

Loreclezole; GABA_A receptor; Benzodiazepine receptor (Xue, B.G. (300) 125)

Neurogenic inflammation

N-Acylethanolamide; Palmitoylethanolamide; Autacoid local inflammatory antagonism; Cannabinoid receptor, peripheral; Passive cutaneous anaphylaxis (Mazzari, S. (300) 227)

Neuron, isolated

β -Adrenoceptor, β_1 and β_2 subtype; Desipramine; Binding site, high and low affinity; Astrocyte, isolated (Sapena, R. (300) 159)

Neuropsychological status

Ceritizine; Chlorpheniramine; EEG (electroencephalogram), quantitative; Oral administration, acute; Plasma concentration, drug; (Healthy volunteer) (Sannita, W.G. (300) 33)

Neurotoxicity

RPR 104632; Glycine receptor antagonist; Glutamate; NMDA receptor-channel complex (Boireau, A. (300) 237)

Neurotransmitter

L-threo-DOPS (*L-threo*-dihydroxyphenylserine); *L*-DOPA (*L*-dihydroxyphenylalanine); Nucleus tractus solitarius; *L*-DOPA methyl ester; (Rat) (Miyamae, T. (300) 105)

***n*-3 fatty acid**

Dietary fat; Arrhythmia; Blood pressure; Proteinuria; Thromboxane (McLennan, P. (300) 83)

Nicotine

Epibatidine; Antinociception; Tolerance; (Mouse) (Damaj, M.I. (300) 51)

Nitric oxide (NO)

Deferential artery, human; Vas deferens; Vasopressin; Endothelium (Medina, P. (300) 221)

Nitric oxide (NO) synthase

Ursodeoxycholic acid; Lipopolysaccharide; J774 macrophage (Hattori, Y. (300) 147)

Nitric oxide (NO) synthase, inducible

Lipopolysaccharide; Multiple organ dysfunction syndrome; Liver failure; Endotoxin (Wu, C.-C. (300) 99)

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

Azelastine; Traumatic brain injury; Leukotriene; Hippocampus; (In vitro) (Girard, J. (300) 43)

NMDA receptor

α_1 -Adrenoceptor; Water maze; Passive avoidance; Prazosin; CPP (($\pm$))-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid (Riekkinen, M. (300) 9)

5-HT autoreceptor; Presynaptic receptor; 5-HT (5-hydroxytryptamine, serotonin) release; Cerebral cortex, guinea-pig; Serotonergic axon terminal (Fink, K. (300) 79)

TRH (thyrotropin-releasing hormone); Spinal cord; Nociception; 'Wind-up' (Chizh, B.A. (300) 183)

NMDA receptor-channel complex

RPR 104632; Glycine receptor antagonist; Glutamate; Neurotoxicity (Boireau, A. (300) 237)

Nociception

TRH (thyrotropin-releasing hormone); NMDA receptor; Spinal cord; 'Wind-up' (Chizh, B.A. (300) 183)

Nucleus tractus solitarius

L-threo-DOPS (*L-threo*-dihydroxyphenylserine); *L*-DOPA (*L*-dihydroxyphenylalanine); *L*-DOPA methyl ester; Neurotransmitter; (Rat) (Miyamae, T. (300) 105)

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

Stereoselectivity; 5-HT_{1D} receptor (Pauwels, P.J. (300) 137)

Opiate

Opioid receptor, human; Binding site (Li, X. (300) R1)

 δ -Opioid receptor

Naltrindole; Naltriben; Opioid withdrawal (Funada, M. (300) 17)

Opioid receptor, human

Opiate; Binding site (Li, X. (300) R1)

 μ -Opioid receptor, subtype

Morphine; Antitussive effect; Cough reflex; (Beige rat) (Kamei, J. (300) 75)

Opioid withdrawal

Naltrindole; Naltriben; δ -Opioid receptor (Funada, M. (300) 17)

Metabotropic glutamate receptor; Protein kinase C; Inositol-1,4,5-trisphosphate; Chelerythrine; Thapsigargin (Fundytus, M.E. (300) 173)

Oral administration, acute

Ceritizine; Chlorpheniramine; EEG (electroencephalogram), quantitative; Plasma concentration, drug; Neuropsychological status; (Healthy volunteer) (Sannita, W.G. (300) 33)

Osmoregulation, central

Angiotensin AT₁ receptor; Angiotensin AT₂ receptor; Atropine; PD 123177; Vasopressin (Höhle, S. (300) 119)

[³H]Ouabain

Thiamine deficiency; ATPase; Thalamus; Pyridoxamine; (Rat) (Mousseau, D.D. (300) 191)

Palmitoylethanolamide

N-Acylethanolamide; Autacoid local inflammatory antagonism; Cannabinoid receptor, peripheral; Neurogenic inflammation; Passive cutaneous anaphylaxis (Mazzari, S. (300) 227)

Passive avoidance

α_1 -Adrenoceptor; NMDA receptor; Water maze; Prazosin; CPP (($\pm$))-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid (Riekkinen, M. (300) 9)

Passive cutaneous anaphylaxis

N-Acylethanolamide; Palmitoylethanolamide; Autacoid local inflammatory antagonism; Cannabinoid receptor, peripheral; Neurogenic inflammation (Mazzari, S. (300) 227)

PD 123177

Angiotensin AT₁ receptor; Angiotensin AT₂ receptor; Atropine; Osmoregulation, central; Vasopressin (Höhle, S. (300) 119)

Plasma concentration, drug

Ceritizine; Chlorpheniramine; EEG (electroencephalogram), quantitative; Oral administration, acute; Neuropsychological status; (Healthy volunteer) (Sannita, W.G. (300) 33)

Prazosin

α_1 -Adrenoceptor; NMDA receptor; Water maze; Passive avoidance; CPP (($\pm$))-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid (Riekkinen, M. (300) 9)

α_1 -Adrenoceptor subtype; JTH-601; α_{1L} -Adrenoceptor (Muramatsu, I. (300) 155)

Presynaptic receptor

NMDA receptor; 5-HT autoreceptor; 5-HT (5-hydroxytryptamine, serotonin) release; Cerebral cortex, guinea-pig; Serotonergic axon terminal (Fink, K. (300) 79)

Progesterone

Mitogen-activated protein kinase; Smooth muscle, uterine; Steroid; Estradiol (Ruzycky, A.L. (300) 247)

Prostaglandin E₂

CINC (cytokine-induced neutrophil chemoattractant); cAMP; Interleukin-1; Interleukin-6; Prostaglandin I₂; TNF (tumor necrosis factor) (Oh-ishi, S. (300) 255)

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Prostanoid TP receptor

Benextramine; Mesenteric artery, small; SQ 30,741; U46619; (Rat) (Van der Graaf, P.H. (300) 211)

Protein kinase C

Opioid withdrawal; Metabotropic glutamate receptor; Inositol-1,4,5-trisphosphate; Chelerythrine; Thapsigargin (Fundytus, M.E. (300) 173)

Proteinuria

Dietary fat; *n*-3 fatty acid; Arrhythmia; Blood pressure; Thromboxane (McLennan, P. (300) 83)

Psychomotor stimulant

d-Amphetamine; Dose response; Motor activity; Behavior (Gaytan, O. (300) 1)

Pyridithiamine

Thiamine deficiency; ATPase; Thalamus; [³H]Ouabain; (Rat) (Mousseau, D.D. (300) 191)

Resistance artery, small

Hyperthyroidism; Thromboxane A₂ receptor agonist; 5-HT (5-hydroxytryptamine, serotonin); Endothelial modulation (Zwaveling, J. (300) 91)

RPR 104632

Glycine receptor antagonist; Glutamate; NMDA receptor-channel complex; Neurotoxicity (Boireau, A. (300) 237)

Serotonergic axon terminal

NMDA receptor; 5-HT autoreceptor; Presynaptic receptor; 5-HT (5-hydroxytryptamine, serotonin) release; Cerebral cortex, guinea-pig (Fink, K. (300) 79)

Sleep EEG (electroencephalogram)

Caffeine; Adenosine; Sleep regulation; (Rat) (Schwierin, B. (300) 163)

Sleep regulation

Caffeine; Adenosine; Sleep EEG (electroencephalogram); (Rat) (Schwierin, B. (300) 163)

Smooth muscle, uterine

Mitogen-activated protein kinase; Steroid; Estradiol; Progesterone (Ruzycky, A.L. (300) 247)

Spinal cord

TRH (thyrotropin-releasing hormone); NMDA receptor; Nociception; 'Wind-up' (Chizh, B.A. (300) 183)

SQ 30,741

Benextramine; Prostanoid TP receptor; Mesenteric artery, small; U46619; (Rat) (Van der Graaf, P.H. (300) 211)

SR48968

FK888; Citric acid; Bronchoconstriction; Cough; Tachykinin (Yasumitsu, R. (300) 215)

Stereoselectivity

8-OH-DPAT (($\pm$))-8-hydroxy-2-(di-*n*-propylamino)tetralin; 5-HT_{1D} receptor (Pauwels, P.J. (300) 137)

Steroid

Mitogen-activated protein kinase; Smooth muscle, uterine; Estradiol; Progesterone (Ruzycky, A.L. (300) 247)

Sumatriptan

Coronary artery, canine; Contraction; GR127935; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_{1D} receptor (Terrón, J.A. (300) 109)

Tachykinin

FK888; SR48968; Citric acid; Bronchoconstriction; Cough (Yasumitsu, R. (300) 215)

Thalamus

Thiamine deficiency; ATPase; Pyridithiamine; [³H]Ouabain; (Rat) (Mousseau, D.D. (300) 191)

Thapsigargin

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Dietary fat; *n*-3 fatty acid; Arrhythmia; Blood pressure; Proteinuria (McLennan, P. (300) 83)

Thromboxane A₂ receptor agonist

Resistance artery, small; Hyperthyroidism; 5-HT (5-hydroxytryptamine, serotonin); Endothelial modulation (Zwaveling, J. (300) 91)

TNF (tumor necrosis factor)

CINC (cytokine-induced neutrophil chemoattractant); cAMP; Interleukin-1; Interleukin-6; Prostaglandin E₂; Prostaglandin I₂ (Oh-ishi, S. (300) 255)

Tolerance

Nicotine; Epibatidine; Antinociception; (Mouse) (Damaj, M.I. (300) 51)

Traumatic brain injury

Azelastine; Leukotriene; NMDA (*N*-methyl-D-aspartate); Hippocampus; (In vitro) (Girard, J. (300) 43)

TRH (thyrotropin-releasing hormone)

NMDA receptor; Spinal cord; Nociception; 'Wind-up' (Chizh, B.A. (300) 183)

U46619

Benextramine; Prostanoid TP receptor; Mesenteric artery, small; SQ 30,741; (Rat) (Van der Graaf, P.H. (300) 211)

Ursodeoxycholic acid

Nitric oxide (NO) synthase; Lipopolysaccharide; J774 macrophage (Hatori, Y. (300) 147)

Vas deferens

Deferential artery, human; Vasopressin; Endothelium; Nitric oxide (NO) (Medina, P. (300) 221)

Vasopressin

Angiotensin AT₁ receptor; Angiotensin AT₂ receptor; Atropine; Osmoregulation, central; PD 123177 (Höhle, S. (300) 119)

Deferential artery, human; Vas deferens; Endothelium; Nitric oxide (NO) (Medina, P. (300) 221)

Ventricular arrhythmia

Automaticity; Hyperpolarization-activated current (I_f); Zatebradine; Heart, dog (Furukawa, Y. (300) 203)

Water maze

α_1 -Adrenoceptor; NMDA receptor; Passive avoidance; Prazosin; CPP (($\pm$))-3-(2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid (Riekkinen, M. (300) 9)

'Wind-up'

TRH (thyrotropin-releasing hormone); NMDA receptor; Spinal cord; Nociception (Chizh, B.A. (300) 183)

[¹²⁵I]S-(–)-Zacopride

5-HT recognition site; Duodenum, rat; Ileum, rat; Autoradiography (Ge, J. (300) 113)

Zatebradine

Automaticity; Hyperpolarization-activated current (I_f); Ventricular arrhythmia; Heart, dog (Furukawa, Y. (300) 203)