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Acetylcholine

Airway hyperresponsiveness; Bronchus; Ca^{2+} channel, voltage-dependent and receptor-operated; Inositol 1,4,5-trisphosphate; (Rat) (Chiba, Y. (278) 79)

Aminoguanidine; Lipopolysaccharide; Mesenteric arterial bed; N^{G} -Nitro-L-arginine methyl ester; Portal vein ligation; (Portal hypertensive rat) (Heinemann, A. (278) 87)

Acetylcholine release

Motor endplate; ω -Agatoxin-IVA; Ca^{2+} channel, P-type (Wessler, I. (278) 83)

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Morphine; Antinociception; Tolerance; Cyclohexyladenosine; (Rat) (Tao, P.-L. (278) 233)

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α -Adrenoceptor

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β -Adrenoceptor

Muscarinic receptor; Receptor alkylation, irreversible (Watson, N. (278) 195)

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ω -Agatoxin-IVA

Motor endplate; Ca^{2+} channel, P-type; Acetylcholine release (Wessler, I. (278) 83)

Airway

Bradykinin; Furosemide; Thromboxane A_2 receptor; Smooth muscle (Molimard, M. (278) 253)

Airway hyperresponsiveness

Bronchus; Ca^{2+} channel, voltage-dependent and receptor-operated; Inositol 1,4,5-trisphosphate; Acetylcholine; (Rat) (Chiba, Y. (278) 79)

Macrophage; Thromboxane; Azelastine (Tamaoki, J. (278) 161)

Alanine analog

Endothelin; Receptor subtype; Ileum, guinea-pig; Sarafotoxin S6c; Tachyphylaxis (Miasiro, N. (278) 103)

Alzheimer's disease

Nicotinic acetylcholine receptor; Brain imaging (London, E.D. (278) R1)

Aminoguanidine

Acetylcholine; Lipopolysaccharide; Mesenteric arterial bed; N^{G} -Nitro-L-arginine methyl ester; Portal vein ligation; (Portal hypertensive rat) (Heinemann, A. (278) 87)

cAMP

Prostaglandin E_2 ; Iloprost; Desensitization; Indomethacin; Vasorelaxation (Parfenova, H. (278) 133)

Anandamide

Cannabinoid; Blood pressure; CB_1 cannabinoid receptor antagonist (Varga, K. (278) 279)

des-Asp-angiotensin I

Aortic ring; Captopril; Indomethacin (Sim, M.K. (278) 175)

Antinociception

Ketorolac tromethamine; κ -Opioid receptor; (Intracerebroventricular administration) (Tripathi, A. (278) 27)

Morphine; Tolerance; Adenosine receptor; Cyclohexyladenosine; (Rat) (Tao, P.-L. (278) 233)

Aortic ring

des-Asp-angiotensin I; Captopril; Indomethacin (Sim, M.K. (278) 175)

Azelastine

Macrophage; Thromboxane; Airway hyperresponsiveness (Tamaoki, J. (278) 161)

Benzodiazepine

GABA $_A$ receptor, diazepam-insensitive; Drug discrimination; Bretazenil; Flumazenil; Ro 19-0528; GABA (γ -aminobutyric acid); (Receptor partial agonist); (Pigeon) (Acri, J.B. (278) 213)

Benzodiazepine type I receptor

[^3H]Zolpidem; Tolerance; Receptor down-regulation; Midazolam; Flurazepam (Wu, Y. (278) 125)

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Neuropeptide Y; SK-N-MC cell; Radioligand binding (Entzeroth, M. (278) 239)

Blood pressure

Ca^{2+} -calmodulin; Dopamine; Epilepsy; (El mouse) (Sutoo, D. (278) 33)

α -Adrenoceptor; Central nervous system; RG20 gene; (Rat) (Nunes, J.P. (278) 183)

Cannabinoid; Anandamide; CB₁ cannabinoid receptor antagonist (Varga, K. (278) 279)

Bradykinin

Capsaicin; Thromboxane A₂; Smooth muscle, airway (Molimard, M. (278) 49)

Furosemide; Thromboxane A₂ receptor; Smooth muscle; Airway (Molimard, M. (278) 253)

Brain imaging

Nicotinic acetylcholine receptor; Alzheimer's disease (London, E.D. (278) R1)

Bretazenil

Benzodiazepine; GABA_A receptor, diazepam-insensitive; Drug discrimination; Flumazenil; Ro 19-0528; GABA (γ -aminobutyric acid); (Receptor partial agonist); (Pigeon) (Acri, J.B. (278) 213)

Bronchus

Airway hyperresponsiveness; Ca²⁺ channel, voltage-dependent and receptor-operated; Inositol 1,4,5-trisphosphate; Acetylcholine; (Rat) (Chiba, Y. (278) 79)

Ca²⁺

Tetrandrine; Hypertrophy; Dihydropyridine; DOCA (deoxycorticosterone acetate); (Receptor) (Xu, Y. (278) 1)

Renal kallikrein secretion; K⁺; Ca²⁺ channel antagonist; Ouabain; Vanadium (Bompart, G. (278) 225)

Ca²⁺-calmodulin

Blood pressure; Dopamine; Epilepsy; (El mouse) (Sutoo, D. (278) 33)

Ca²⁺ channel antagonist

Renal kallikrein secretion; Ca²⁺; K⁺; Ouabain; Vanadium (Bompart, G. (278) 225)

Ca²⁺ channel, P-type

Motor endplate; ω -Agatoxin-IVA; Acetylcholine release (Wessler, I. (278) 83)

Ca²⁺ channel, voltage-dependent and receptor-operated

Airway hyperresponsiveness; Bronchus; Inositol 1,4,5-trisphosphate; Acetylcholine; (Rat) (Chiba, Y. (278) 79)

Cannabinoid

Blood pressure; Anandamide; CB₁ cannabinoid receptor antagonist (Varga, K. (278) 279)

Capsaicin

Tachykinin; Tachykinin NK₃ receptor; Tachykinin receptor antagonist; SR 142801 (Patacchini, R. (278) 17)

Bradykinin; Thromboxane A₂; Smooth muscle, airway (Molimard, M. (278) 49)

Sensory nerve; Neurogenic inflammation; (Prejunctional); (Postjunctional) (Parlani, M. (278) 117)

Gastrin-17; CCK (cholecystokinin); Gastroprotection; Stomach; Nitric oxide (NO) (Konturek, S.J. (278) 203)

Captopril

des-Asp-angiotensin I; Aortic ring; Indomethacin (Sim, M.K. (278) 175)

Catecholamine, synthesis

Dopamine; Dopamine receptor agonist; DOPA (3,4-dihydroxyphenylalanine), accumulation; Adrenal medulla (Kujacic, M. (278) 9)

CB₁ cannabinoid receptor antagonist

Cannabinoid; Blood pressure; Anandamide (Varga, K. (278) 279)

CCK (cholecystokinin)

Gastrin-17; Gastroprotection; Stomach; Capsaicin; Nitric oxide (NO) (Konturek, S.J. (278) 203)

Cell proliferation

Receptor ligand; Mammary carcinoma cell; Colon carcinoma cell; Melanoma cell (Brent, P.J. (278) 151)

Central nervous system

α -Adrenoceptor; Blood pressure; RG20 gene; (Rat) (Nunes, J.P. (278) 183)

Cerebellum

Dopamine D₂ receptor; Dopamine D₃ receptor; [¹²⁵I]Iodosulpiride; Receptor autoradiography; Striatum; (Rat) (Levant, B. (278) 243)

Cerebral ischemia

Glycine; MAP2 (microtubule-associated protein 2); Receptor autoradiography; Immunohistochemistry (Araki, T. (278) 91)

m-Chlorophenylbiguanide

Sleep; Waking; 5-HT₃ receptor; MDL 72222; Dopamine; (+)-SCH 23390; YM-09151-2 (Ponzoni, A. (278) 111)

Cicaprost

Prostacyclin receptor; Non-prostanoid prostacyclin mimetic; Neutrophil, rat; Colon, rat (Wise, H. (278) 265)

Cirazoline

Imidazoline site; α -Adrenoceptor (Le Rouzic, M. (278) 261)

Cisplatin

Vagal depolarization; Vagus nerve; 5-HT (5-hydroxytryptamine, serotonin); Dexamethasone; (Rat); (Grease gap) (Woods, A.J. (278) 275)

Colon carcinoma cell

Receptor ligand; Cell proliferation; Mammary carcinoma cell; Melanoma cell (Brent, P.J. (278) 151)

Colonic mucosa

Nicotine; Cytokine (Van Dijk, J.P.M. (278) R11)

Colon, rat

Prostacyclin receptor; Cicaprost; Non-prostanoid prostacyclin mimetic; Neutrophil, rat (Wise, H. (278) 265)

CRF (corticotropin-releasing factor)

Interleukin-1; Interleukin-1 receptor antagonist; α -MSH (α -melanocyte-stimulating hormone); α -Helical CRF-(9-41); Morphine withdrawal (Katsumata, S. (278) 143)

Cyclohexyladenosine

Morphine; Antinociception; Tolerance; Adenosine receptor; (Rat) (Tao, P.-L. (278) 233)

Cytokine

Nicotine; Colonic mucosa (Van Dijk, J.P.M. (278) R11)

Desensitization

Prostaglandin E₂; Iloprost; Indomethacin; cAMP; Vasorelaxation (Parfenova, H. (278) 133)

Development

Polyamine; Spermine; NMDA (*N*-methyl-D-aspartate); Hippocampus; Mg²⁺ (Bowe, M.A. (278) 55)

Dexamethasone

Vagal depolarization; Vagus nerve; 5-HT (5-hydroxytryptamine, serotonin); Cisplatin; (Rat); (Grease gap) (Woods, A.J. (278) 275)

Dihydropyridine

Tetrandrine; Hypertrophy; Ca²⁺; DOCA (deoxycorticosterone acetate); (Receptor) (Xu, Y. (278) 1)

DOCA (deoxycorticosterone acetate)

Tetrandrine; Hypertrophy; Dihydropyridine; Ca²⁺; (Receptor) (Xu, Y. (278) 1)

DOPA (3,4-dihydroxyphenylalanine), accumulation

Dopamine; Dopamine receptor agonist; Catecholamine, synthesis; Adrenal medulla (Kujacic, M. (278) 9)

Dopamine

Dopamine receptor agonist; Catecholamine, synthesis; DOPA (3,4-dihydroxyphenylalanine), accumulation; Adrenal medulla (Kujacic, M. (278) 9)

Blood pressure; Ca²⁺-calmodulin; Epilepsy; (El mouse) (Sutoo, D. (278) 33)

Sleep; Waking; *m*-Chlorophenylbiguanide; 5-HT₃ receptor; MDL 72222; (+)-SCH 23390; YM-09151-2 (Ponzoni, A. (278) 111)

Phencyclidine; Neurotensin; NMDA (*N*-methyl-D-aspartate); Striatum; Nucleus accumbens (Hanson, G.R. (278) 167)

Dopamine D₂ receptor

Dopamine D₃ receptor; [¹²⁵I]Iodosulpiride; Receptor autoradiography; Striatum; Cerebellum; (Rat) (Levant, B. (278) 243)

Dopamine D₃ receptor

Dopamine D₂ receptor; [¹²⁵I]Iodosulpiride; Receptor autoradiography; Striatum; Cerebellum; (Rat) (Levant, B. (278) 243)

Dopamine receptor agonist

Dopamine; Catecholamine, synthesis; DOPA (3,4-dihydroxyphenylalanine), accumulation; Adrenal medulla (Kujacic, M. (278) 9)

Drinking behavior

Reinforcement schedule; 5-HT (5-hydroxytryptamine, serotonin) uptake inhibitor; Obsessive-compulsive disorder (Roehr, J. (278) 75)

Drug discrimination

Benzodiazepine; GABA_A receptor, diazepam-insensitive; Bretazenil; Flumazenil; Ro 19-0528; GABA (γ -aminobutyric acid); (Receptor partial agonist); (Pigeon) (Acri, J.B. (278) 213)

Endothelin

Alanine analog; Receptor subtype; Ileum, guinea-pig; Sarafotoxin S6c; Tachyphylaxis (Miasiro, N. (278) 103)

Oxytocin; Pharmacomechanical coupling; GTP; Myometrium (Izumi, H. (278) 187)

Endothelin-1

Neutrophil; Inflammation (Lopez-Belmonte, J. (278) R7)

Enteric nerve

Noncholinergic slow synaptic potential; 5-HT receptor; Gastrointestinal pharmacology (Pan, H. (278) 67)

Epilepsy

Blood pressure; Ca²⁺-calmodulin; Dopamine; (El mouse) (Sutoo, D. (278) 33)

Estrogen

μ -Opioid receptor; Progesterone; Medial preoptic area; Upregulation (Zhou, L. (278) 271)

Flumazenil

Benzodiazepine; GABA_A receptor, diazepam-insensitive; Drug discrimination; Bretazenil; Ro 19-0528; GABA (γ -aminobutyric acid); (Receptor partial agonist); (Pigeon) (Acri, J.B. (278) 213)

Flurazepam

Benzodiazepine type I receptor; [³H]Zolpidem; Tolerance; Receptor down-regulation; Midazolam (Wu, Y. (278) 125)

Furosemide

Bradykinin; Thromboxane A₂ receptor; Smooth muscle; Airway (Molimard, M. (278) 253)

GABA (γ -aminobutyric acid)

Benzodiazepine; GABA_A receptor, diazepam-insensitive; Drug discrimination; Bretazenil; Flumazenil; Ro 19-0528; (Receptor partial agonist); (Pigeon) (Acri, J.B. (278) 213)

GABA_A receptor, diazepam-insensitive

Benzodiazepine; Drug discrimination; Bretazenil; Flumazenil; Ro 19-0528; GABA (γ -aminobutyric acid); (Receptor partial agonist); (Pigeon) (Acri, J.B. (278) 213)

Gastric acid secretion

Presynaptic α_2 -adrenoceptor; α_2 -Adrenoceptor subtype; Vagus nerve; (Rat) (Blandizzi, C. (278) 179)

Gastrin-17

CCK (cholecystokinin); Gastroprotection; Stomach; Capsaicin; Nitric oxide (NO) (Konturek, S.J. (278) 203)

Gastrointestinal pharmacology

Enteric nerve; Noncholinergic slow synaptic potential; 5-HT receptor (Pan, H. (278) 67)

Gastroprotection

Gastrin-17; CCK (cholecystokinin); Stomach; Capsaicin; Nitric oxide (NO) (Konturek, S.J. (278) 203)

Glutamate receptor

Spinal cord; Nociception; Nitric oxide (NO); *N*^ω-Nitro-L-arginine methyl ester; L-*N*⁵-(1-Iminoethyl)ornithine; S-Nitroso-*N*-penicillamine (Budai, D. (278) 39)

Glycine

Cerebral ischemia; MAP2 (microtubule-associated protein 2); Receptor autoradiography; Immunohistochemistry (Araki, T. (278) 91)

GTP

Oxytocin; Endothelin; Pharmacomechanical coupling; Myometrium (Izumi, H. (278) 187)

α -Helical CRF-(9–41)

Interleukin-1; Interleukin-1 receptor antagonist; α -MSH (α -melanocyte-stimulating hormone); CRF (corticotropin-releasing factor); Morphine withdrawal (Katsumata, S. (278) 143)

Hippocampus

Polyamine; Spermine; NMDA (*N*-methyl-D-aspartate); Mg^{2+} ; Development (Bowe, M.A. (278) 55)

5-HT (5-hydroxytryptamine, serotonin)

Vagal depolarization; Vagus nerve; Cisplatin; Dexamethasone; (Rat); (Grease gap) (Woods, A.J. (278) 275)

5-HT (5-hydroxytryptamine, serotonin) uptake inhibitor

Reinforcement schedule; Drinking behavior; Obsessive-compulsive disorder (Roehr, J. (278) 75)

5-HT receptor

Enteric nerve; Noncholinergic slow synaptic potential; Gastrointestinal pharmacology (Pan, H. (278) 67)

5-HT₃ receptor

Sleep; Waking; *m*-Chlorophenylbiguanide; MDL 72222; Dopamine; (+)-SCH 23390; YM-09151-2 (Ponzoni, A. (278) 111)

Hypertrophy

Tetrandrine; Dihydropyridine; Ca^{2+} ; DOCA (deoxycorticosterone acetate); (Receptor) (Xu, Y. (278) 1)

Ileum, guinea-pig

Endothelin; Alanine analog; Receptor subtype; Sarafotoxin S6c; Tachyphylaxis (Miasiro, N. (278) 103)

Iloprost

Prostaglandin E₂; Desensitization; Indomethacin; cAMP; Vasorelaxation (Parfenova, H. (278) 133)

Imidazoline site

Cirazoline; α -Adrenoceptor (Le Rouzic, M. (278) 261)

L-N⁵-(1-Iminoethyl)ornithine

Spinal cord; Nociception; Glutamate receptor; Nitric oxide (NO); *N*^ω-Nitro-L-arginine methyl ester; *S*-Nitroso-*N*-penicillamine (Budai, D. (278) 39)

Immunohistochemistry

Cerebral ischemia; Glycine; MAP2 (microtubule-associated protein 2); Receptor autoradiography (Araki, T. (278) 91)

Indomethacin

Prostaglandin E₂; Iloprost; Desensitization; cAMP; Vasorelaxation (Parfenova, H. (278) 133)

des-Asp-angiotensin I; Aortic ring; Captopril (Sim, M.K. (278) 175)

Inflammation

Endothelin-1; Neutrophil (Lopez-Belmonte, J. (278) R7)

Inositol 1,4,5-trisphosphate

Airway hyperresponsiveness; Bronchus; Ca^{2+} channel, voltage-dependent and receptor-operated; Acetylcholine; (Rat) (Chiba, Y. (278) 79)

Interleukin-1

Interleukin-1 receptor antagonist; α -MSH (α -melanocyte-stimulating hormone); α -Helical CRF-(9–41); CRF (corticotropin-releasing factor); Morphine withdrawal (Katsumata, S. (278) 143)

Interleukin-1 receptor antagonist

Interleukin-1; α -MSH (α -melanocyte-stimulating hormone); α -Helical CRF-(9–41); CRF (corticotropin-releasing factor); Morphine withdrawal (Katsumata, S. (278) 143)

[¹²⁵I]Iodosulpiride

Dopamine D₂ receptor; Dopamine D₃ receptor; Receptor autoradiography; Striatum; Cerebellum; (Rat) (Levant, B. (278) 243)

K⁺

Renal kallikrein secretion; Ca^{2+} ; Ca^{2+} channel antagonist; Ouabain; Vanadium (Bompart, G. (278) 225)

Ketorolac tromethamine

κ -Opioid receptor; Antinociception; (Intracerebroventricular administration) (Tripathi, A. (278) 27)

Lipopolysaccharide

Acetylcholine; Aminoguanidine; Mesenteric arterial bed; *N*^G-Nitro-L-arginine methyl ester; Portal vein ligation; (Portal hypertensive rat) (Heinemann, A. (278) 87)

Macrophage

Thromboxane; Azelastine; Airway hyperresponsiveness (Tamaoki, J. (278) 161)

Mammary carcinoma cell

Receptor ligand; Cell proliferation; Colon carcinoma cell; Melanoma cell (Brent, P.J. (278) 151)

MAP2 (microtubule-associated protein 2)

Cerebral ischemia; Glycine; Receptor autoradiography; Immunohistochemistry (Araki, T. (278) 91)

MDL 72222

Sleep; Waking; *m*-Chlorophenylbiguanide; 5-HT₃ receptor; Dopamine; (+)-SCH 23390; YM-09151-2 (Ponzoni, A. (278) 111)

Medial preoptic area

μ -Opioid receptor; Estrogen; Progesterone; Upregulation (Zhou, L. (278) 271)

Melanoma cell

Receptor ligand; Cell proliferation; Mammary carcinoma cell; Colon carcinoma cell (Brent, P.J. (278) 151)

Mesenteric arterial bed

Acetylcholine; Aminoguanidine; Lipopolysaccharide; *N*^G-Nitro-L-arginine methyl ester; Portal vein ligation; (Portal hypertensive rat) (Heinemann, A. (278) 87)

Mg²⁺

Polyamine; Spermine; NMDA (*N*-methyl-D-aspartate); Hippocampus; Development (Bowe, M.A. (278) 55)

Midazolam

Benzodiazepine type I receptor; [³H]Zolpidem; Tolerance; Receptor down-regulation; Flurazepam (Wu, Y. (278) 125)

Monoamine

Monoamine transporter; Vesicle; Tetrabenazine (Kilbourn, M. (278) 249)

Monoamine transporter

Monoamine; Vesicle; Tetrabenazine (Kilbourn, M. (278) 249)

Morphine

Antinociception; Tolerance; Adenosine receptor; Cyclohexyladenosine; (Rat) (Tao, P.-L. (278) 233)

Morphine withdrawal

Interleukin-1; Interleukin-1 receptor antagonist; α -MSH (α -melanocyte-stimulating hormone); α -Helical CRF-(9–41); CRF (corticotropin-releasing factor) (Katsumata, S. (278) 143)

Motor endplate

ω -Agatoxin-IVA; Ca^{2+} channel, P-type; Acetylcholine release (Wessler, I. (278) 83)

 α -MSH (α -melanocyte-stimulating hormone)

Interleukin-1; Interleukin-1 receptor antagonist; α -Helical CRF-(9–41); CRF (corticotropin-releasing factor); Morphine withdrawal (Katsumata, S. (278) 143)

Muscarinic receptor

β -Adrenoceptor; Receptor alkylation, irreversible (Watson, N. (278) 195)

Muscle hyperalgesia, referred

Spasmolytic and/or non-steroidal antiinflammatory treatment; Ureteral calculosis, artificial; (Rat) (Giamberardino, M.A. (278) 97)

Myometrium

Oxytocin; Endothelin; Pharmacomechanical coupling; GTP (Izumi, H. (278) 187)

Neurogenic inflammation

Sensory nerve; Capsaicin; (Prejunctional); (Postjunctional) (Parlani, M. (278) 117)

Neuropeptide Y

SK-N-MC cell; Radioligand binding; BIBP3226 (Entzeroth, M. (278) 239)

Neuropeptide Y_1 , Y_2 and Y_3 receptor bioassay; Neuropeptide Y Y_1 receptor antagonist, non-peptide (Jacques, D. (278) R3)

Neuropeptide Y_1 , Y_2 and Y_3 receptor bioassay

Neuropeptide Y; Neuropeptide Y Y_1 receptor antagonist, non-peptide (Jacques, D. (278) R3)

Neuropeptide Y Y_1 receptor antagonist, non-peptide

Neuropeptide Y; Neuropeptide Y_1 , Y_2 and Y_3 receptor bioassay (Jacques, D. (278) R3)

Neurotensin

Phencyclidine; NMDA (*N*-methyl-D-aspartate); Dopamine; Striatum; Nucleus accumbens (Hanson, G.R. (278) 167)

Neutrophil

Endothelin-1; Inflammation (Lopez-Belmonte, J. (278) R7)

Neutrophil, rat

Prostacyclin receptor; Cicaprost; Non-prostanoid prostacyclin mimetic; Colon, rat (Wise, H. (278) 265)

***N* ^{ω} -Nitro-L-arginine methyl ester**

Spinal cord; Nociception; Glutamate receptor; Nitric oxide (NO); L-*N*⁵-(1-Iminoethyl)ornithine; *S*-Nitroso-*N*-penicillamine (Budai, D. (278) 39)

Nicotine

Colonic mucosa; Cytokine (Van Dijk, J.P.M. (278) R11)

Nicotinic acetylcholine receptor

Brain imaging; Alzheimer's disease (London, E.D. (278) R1)

Nitric oxide (NO)

Spinal cord; Nociception; Glutamate receptor; *N* ^{ω} -Nitro-L-arginine methyl ester; L-*N*⁵-(1-Iminoethyl)ornithine; *S*-Nitroso-*N*-penicillamine (Budai, D. (278) 39)

Gastrin-17; CCK (cholecystokinin); Gastroprotection; Stomach; Capsaicin (Konturek, S.J. (278) 203)

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

Acetylcholine; Aminoguanidine; Lipopolysaccharide; Mesenteric arterial bed; Portal vein ligation; (Portal hypertensive rat) (Heinemann, A. (278) 87)

***S*-Nitroso-*N*-penicillamine**

Spinal cord; Nociception; Glutamate receptor; Nitric oxide (NO); *N* ^{ω} -Nitro-L-arginine methyl ester; L-*N*⁵-(1-Iminoethyl)ornithine (Budai, D. (278) 39)

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

Polyamine; Spermine; Hippocampus; Mg^{2+} ; Development (Bowe, M.A. (278) 55)

Phencyclidine; Neurotensin; Dopamine; Striatum; Nucleus accumbens (Hanson, G.R. (278) 167)

Nociception

Spinal cord; Glutamate receptor; Nitric oxide (NO); *N* ^{ω} -Nitro-L-arginine methyl ester; L-*N*⁵-(1-Iminoethyl)ornithine; *S*-Nitroso-*N*-penicillamine (Budai, D. (278) 39)

Noncholinergic slow synaptic potential

Enteric nerve; 5-HT receptor; Gastrointestinal pharmacology (Pan, H. (278) 67)

Non-prostanoid prostacyclin mimetic

Prostacyclin receptor; Cicaprost; Neutrophil, rat; Colon, rat (Wise, H. (278) 265)

Nucleus accumbens

Phencyclidine; Neurotensin; NMDA (*N*-methyl-D-aspartate); Dopamine; Striatum (Hanson, G.R. (278) 167)

Obsessive-compulsive disorder

Reinforcement schedule; Drinking behavior; 5-HT (5-hydroxytryptamine, serotonin) uptake inhibitor (Roehr, J. (278) 75)

Opioid

σ Receptor; Phenylmorphane; (Subtype selectivity) (Bowen, W.D. (278) 257)

 κ -Opioid receptor

Ketorolac tromethamine; Antinociception; (Intracerebroventricular administration) (Tripathi, A. (278) 27)

 μ -Opioid receptor

Estrogen; Progesterone; Medial preoptic area; Upregulation (Zhou, L. (278) 271)

Ouabain

Renal kallikrein secretion; Ca^{2+} ; K^{+} ; Ca^{2+} channel antagonist; Vanadium (Bompart, G. (278) 225)

Oxytocin

Endothelin; Pharmacomechanical coupling; GTP; Myometrium (Izumi, H. (278) 187)

Pharmacomechanical coupling

Oxytocin; Endothelin; GTP; Myometrium (Izumi, H. (278) 187)

Phencyclidine

Neurotensin; NMDA (*N*-methyl-D-aspartate); Dopamine; Striatum; Nucleus accumbens (Hanson, G.R. (278) 167)

Phenylmorphane

σ Receptor; Opioid; (Subtype selectivity) (Bowen, W.D. (278) 257)

Polyamine

Spermine; NMDA (*N*-methyl-D-aspartate); Hippocampus; Mg^{2+} ; Development (Bowe, M.A. (278) 55)

Portal vein ligation

Acetylcholine; Aminoguanidine; Lipopolysaccharide; Mesenteric arterial bed; *N*^G-Nitro-L-arginine methyl ester; (Portal hypertensive rat) (Heinemann, A. (278) 87)

Presynaptic α_2 -adrenoceptor

α_2 -Adrenoceptor subtype; Gastric acid secretion; Vagus nerve; (Rat) (Blandizzi, C. (278) 179)

Progesterone

μ -Opioid receptor; Estrogen; Medial preoptic area; Upregulation (Zhou, L. (278) 271)

Prostacyclin receptor

Cicaprost; Non-prostanoid prostacyclin mimetic; Neutrophil, rat; Colon, rat (Wise, H. (278) 265)

Prostaglandin E₂

Iloprost; Desensitization; Indomethacin; cAMP; Vasorelaxation (Parfenova, H. (278) 133)

Radioligand binding

Neuropeptide Y; SK-N-MC cell; BIBP3226 (Entzeroth, M. (278) 239)

 σ Receptor

Phenylmorphane; Opioid; (Subtype selectivity) (Bowen, W.D. (278) 257)

Receptor alkylation, irreversible

Muscarinic receptor; β -Adrenoceptor (Watson, N. (278) 195)

Receptor autoradiography

Cerebral ischemia; Glycine; MAP2 (microtubule-associated protein 2); Immunohistochemistry (Araki, T. (278) 91)

Dopamine D₂ receptor; Dopamine D₃ receptor; [¹²⁵I]Iodosulpiride; Striatum; Cerebellum; (Rat) (Levant, B. (278) 243)

Receptor down-regulation

Benzodiazepine type I receptor; [³H]Zolpidem; Tolerance; Midazolam; Flurazepam (Wu, Y. (278) 125)

Receptor ligand

Cell proliferation; Mammary carcinoma cell; Colon carcinoma cell; Melanoma cell (Brent, P.J. (278) 151)

Receptor subtype

Endothelin; Alanine analog; Ileum, guinea-pig; Sarafotoxin S6c; Tachyphylaxis (Miasiro, N. (278) 103)

Reinforcement schedule

Drinking behavior; 5-HT (5-hydroxytryptamine, serotonin) uptake inhibitor; Obsessive-compulsive disorder (Roehr, J. (278) 75)

Renal kallikrein secretion

Ca^{2+} ; K^{+} ; Ca^{2+} channel antagonist; Ouabain; Vanadium (Bompert, G. (278) 225)

RG20 gene

α -Adrenoceptor; Blood pressure; Central nervous system; (Rat) (Nunes, J.P. (278) 183)

Ro 19-0528

Benzodiazepine; GABA_A receptor, diazepam-insensitive; Drug discrimination; Bretazenil; Flumazenil; GABA (γ -aminobutyric acid); (Receptor partial agonist); (Pigeon) (Aciri, J.B. (278) 213)

Sarafotoxin S6c

Endothelin; Alanine analog; Receptor subtype; Ileum, guinea-pig; Tachyphylaxis (Miasiro, N. (278) 103)

(+)-SCH 23390

Sleep; Waking; *m*-Chlorophenylbiguanide; 5-HT₃ receptor; MDL 72222; Dopamine; YM-09151-2 (Ponzoni, A. (278) 111)

Sensory nerve

Neurogenic inflammation; Capsaicin; (Prejunctional); (Postjunctional) (Parlani, M. (278) 117)

SK-N-MC cell

Neuropeptide Y; Radioligand binding; BIBP3226 (Entzeroth, M. (278) 239)

Sleep

Waking; *m*-Chlorophenylbiguanide; 5-HT₃ receptor; MDL 72222; Dopamine; (+)-SCH 23390; YM-09151-2 (Ponzoni, A. (278) 111)

Smooth muscle

Bradykinin; Furosemide; Thromboxane A₂ receptor; Airway (Molimard, M. (278) 253)

Smooth muscle, airway

Bradykinin; Capsaicin; Thromboxane A₂ (Molimard, M. (278) 49)

Spasmolytic and/or non-steroidal antiinflammatory treatment

Ureteral calculosis, artificial; Muscle hyperalgesia, referred; (Rat) (Giamberardino, M.A. (278) 97)

Spermine

Polyamine; NMDA (*N*-methyl-D-aspartate); Hippocampus; Mg^{2+} ; Development (Bowe, M.A. (278) 55)

Spinal cord

Nociception; Glutamate receptor; Nitric oxide (NO); *N* ^{ω} -Nitro-L-arginine methyl ester; L-*N*⁵-(1-Iminoethyl)ornithine; S-Nitroso-*N*-penicillamine (Budai, D. (278) 39)

SR 142801

Tachykinin; Tachykinin NK₃ receptor; Capsaicin; Tachykinin receptor antagonist (Patacchini, R. (278) 17)

Stomach

Gastrin-17; CCK (cholecystokinin); Gastroprotection; Capsaicin; Nitric oxide (NO) (Konturek, S.J. (278) 203)

Striatum

Phencyclidine; Neurotensin; NMDA (*N*-methyl-D-aspartate); Dopamine; Nucleus accumbens (Hanson, G.R. (278) 167)

Dopamine D₂ receptor; Dopamine D₃ receptor; [¹²⁵I]Iodosulpiride; Receptor autoradiography; Cerebellum; (Rat) (Levant, B. (278) 243)

Tachykinin

Tachykinin NK₃ receptor; Capsaicin; Tachykinin receptor antagonist; SR 142801 (Patacchini, R. (278) 17)

Tachykinin NK₃ receptor

Tachykinin; Capsaicin; Tachykinin receptor antagonist; SR 142801 (Patacchini, R. (278) 17)

Tachykinin receptor antagonist

Tachykinin; Tachykinin NK₃ receptor; Capsaicin; SR 142801 (Patacchini, R. (278) 17)

Tachyphylaxis

Endothelin; Alanine analog; Receptor subtype; Ileum, guinea-pig; Sarafotoxin S6c (Miasiro, N. (278) 103)

Tetrabenazine

Monoamine transporter; Monoamine; Vesicle (Kilbourn, M. (278) 249)

Tetrandrine

Hypertrophy; Dihydropyridine; Ca²⁺; DOCA (deoxycorticosterone acetate); (Receptor) (Xu, Y. (278) 1)

Thromboxane

Macrophage; Azelastine; Airway hyperresponsiveness (Tamaoki, J. (278) 161)

Thromboxane A₂

Bradykinin; Capsaicin; Smooth muscle, airway (Molimard, M. (278) 49)

Thromboxane A₂ receptor

Bradykinin; Furosemide; Smooth muscle; Airway (Molimard, M. (278) 253)

Tolerance

Benzodiazepine type I receptor; [³H]Zolpidem; Receptor down-regulation; Midazolam; Flurazepam (Wu, Y. (278) 125)

Morphine; Antinociception; Adenosine receptor; Cyclohexyladenosine; (Rat) (Tao, P.-L. (278) 233)

Upregulation

μ-Opioid receptor; Estrogen; Progesterone; Medial preoptic area (Zhou, L. (278) 271)

Ureteral calculosis, artificial

Spasmolytic and/or non-steroidal antiinflammatory treatment; Muscle hyperalgesia, referred; (Rat) (Giamberardino, M.A. (278) 97)

Vagal depolarization

Vagus nerve; 5-HT (5-hydroxytryptamine, serotonin); Cisplatin; Dexamethasone; (Rat); (Grease gap) (Woods, A.J. (278) 275)

Vagus nerve

Presynaptic α₂-adrenoceptor; α₂-Adrenoceptor subtype; Gastric acid secretion; (Rat) (Blandizzi, C. (278) 179)

Vagal depolarization; 5-HT (5-hydroxytryptamine, serotonin); Cisplatin; Dexamethasone; (Rat); (Grease gap) (Woods, A.J. (278) 275)

Vanadium

Renal kallikrein secretion; Ca²⁺; K⁺; Ca²⁺ channel antagonist; Ouabain (Bompart, G. (278) 225)

Vasorelaxation

Prostaglandin E₂; Iloprost; Desensitization; Indomethacin; cAMP (Parfenova, H. (278) 133)

Vesicle

Monoamine transporter; Monoamine; Tetrabenazine (Kilbourn, M. (278) 249)

Waking

Sleep; *m*-Chlorophenylbiguanide; 5-HT₃ receptor; MDL 72222; Dopamine; (+)-SCH 23390; YM-09151-2 (Ponzoni, A. (278) 111)

YM-09151-2

Sleep; Waking; *m*-Chlorophenylbiguanide; 5-HT₃ receptor; MDL 72222; Dopamine; (+)-SCH 23390 (Ponzoni, A. (278) 111)

[³H]Zolpidem

Benzodiazepine type I receptor; Tolerance; Receptor down-regulation; Midazolam; Flurazepam (Wu, Y. (278) 125)