

Keyword index

Adrenoceptor

Desensitization; Internalization; Up-regulation; Intact cell binding (Zhu, S.-J. (299) 205)

Alniditan

Sumatriptan; Ergotamine; Carotid arterial resistance (Van de Water, A. (299) 127)

Anhedonia

Stress, uncontrollable; Naloxone (Zurita, A. (299) 1)

Anticonvulsant

Epilepsy; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Noradrenaline; GABA (γ -aminobutyric acid) (Löscher, W. (299) 61)

Arginine-aspartate

Catalepsy; Haloperidol; Locomotor activity; Dopamine (Patachchioli, F.R. (299) 29)

Benzodiazepine

Diazepam; Heart preparation, isolated; Inotropy; Peripheral-type benzodiazepine receptor antagonist (Leeuwin, R.S. (299) 149)

Benzodiazepine receptor, peripheral

Porphyrin; PK11195; Cholesterol; Metabolism; Liver (Tsankova, V. (299) 197)

Binding cooperativity

Vanilloid receptor; Resiniferatoxin; Capsaicin; PPAHV (phorbol 12-phenylacetate 13-acetate 20-homovanillate) (Szallasi, A. (299) 221)

Ca²⁺

Colon, rat; Cl[−] channel; K⁺ channel; Genistein; Protein tyrosine kinase (Diener, M. (299) 161)

Ca²⁺ channel, voltage-dependent

HEK293 cell; NMDA receptor antagonist; Ischemia; Neuroprotection; (Gerbil) (Bath, C.P. (299) 103)

Ca²⁺, intracellular

Substance P; Neutrophil; Superoxide production; Phosphoinositide (Tanabe, T. (299) 187)

Calmodulin antagonist

HF-2035; W-7; Vascular relaxation; Nitric oxide (NO) synthase inhibitor (Win, N.H.H. (299) 119)

Capsaicin

Vanilloid receptor; Binding cooperativity; Resiniferatoxin; PPAHV (phorbol 12-phenylacetate 13-acetate 20-homovanillate) (Szallasi, A. (299) 221)

Carotid arterial resistance

Alniditan; Sumatriptan; Ergotamine (Van de Water, A. (299) 127)

Catalepsy

Arginine-aspartate; Haloperidol; Locomotor activity; Dopamine (Patachchioli, F.R. (299) 29)

Catecholamine absorbing protein

Central nervous system; Free radical; Oxidation; Dopamine; Neurodegeneration; Parkinson's disease (Modi, P.I. (299) 213)

Central nervous system

Catecholamine absorbing protein; Free radical; Oxidation; Dopamine; Neurodegeneration; Parkinson's disease (Modi, P.I. (299) 213)

CGRP (calcitonin gene-related peptide)

Indomethacin; Interleukin-1 receptor antagonist; Hyperalgesia (Malcangio, M. (299) 113)

Cholesterol

Benzodiazepine receptor, peripheral; Porphyrin; PK11195; Metabolism; Liver (Tsankova, V. (299) 197)

Cicaprost

TNF (tumor necrosis factor- α); Rolipram; Prostaglandin E₂ (Greten, T.F. (299) 229)

Cl[−] channel

Colon, rat; K⁺ channel; Ca²⁺; Genistein; Protein tyrosine kinase (Diener, M. (299) 161)

Colon, rat

Cl[−] channel; K⁺ channel; Ca²⁺; Genistein; Protein tyrosine kinase (Diener, M. (299) 161)

Conditioned fear stress

σ Receptor; Phenytoin; Phencyclidine receptor; Motor suppression (Kamei, H. (299) 21)

Conditioned reward

Sensitization; Morphine; Opioid; Psychostimulant; Place preference conditioning (Shippenberg, T.S. (299) 33)

Coronary artery

NH₄Cl; Vasoconstriction; Intracellular pH (Wakabayashi, I. (299) 139)

Dehydroepiandrosterone sulfate

Neurosteroid; TNF (tumor necrosis factor); Glucocorticoid; Pregnenolone (Di Santo, E. (299) 179)

Desensitization

Adrenoceptor; Internalization; Up-regulation; Intact cell binding (Zhu, S.-J. (299) 205)

Diazepam

Benzodiazepine; Heart preparation, isolated; Inotropy; Peripheral-type benzodiazepine receptor antagonist (Leeuwin, R.S. (299) 149)

Dizocilpine (MK-801)

Lamotrigine; Nitric oxide (NO); Opiate abstinence (Lizasoain, I. (299) 41)

Dopamine

Light extinction test; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Striatum; Substantia nigra (Messaoudi, M. (299) 17)

Arginine-aspartate; Catalepsy; Haloperidol; Locomotor activity (Patachchioli, F.R. (299) 29)

Epilepsy; 5-HT (5-hydroxytryptamine, serotonin); Noradrenaline; GABA (γ -aminobutyric acid); Anticonvulsant (Löscher, W. (299) 61)

Glutamate receptor antagonist; Reserpine; Parkinsonism; Microdialysis (Biggs, C.S. (299) 83)

Catecholamine absorbing protein; Central nervous system; Free radical; Oxidation; Neurodegeneration; Parkinson's disease (Modi, P.I. (299) 213)

Epilepsy

Nitric oxide (NO); 7-Nitroindazole; Harmaline; NMDA (*N*-methyl-D-aspartate); Parkinsonism (Eblen, F. (299) 9)

Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Noradrenaline; GABA (γ -aminobutyric acid); Anticonvulsant (Löscher, W. (299) 61)

GABA (γ -aminobutyric acid); Hippocampus; Neuroprotection; Perforant pathway stimulation (Halonen, T. (299) 69)

Ergotamine

Alniditan; Sumatriptan; Carotid arterial resistance (Van de Water, A. (299) 127)

Fluoxetine

Seizure; 5-HT (5-hydroxytryptamine, serotonin); Genetically epilepsy-prone rat; Substantia nigra (Statnick, M. (299) 93)

Free radical

Catecholamine absorbing protein; Central nervous system; Oxidation; Dopamine; Neurodegeneration; Parkinson's disease (Modi, P.I. (299) 213)

GABA (γ -aminobutyric acid)

Epilepsy; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Noradrenaline; Anticonvulsant (Löscher, W. (299) 61)

Epilepsy; Hippocampus; Neuroprotection; Perforant pathway stimulation (Halonen, T. (299) 69)

Genetically epilepsy-prone rat

Seizure; 5-HT (5-hydroxytryptamine, serotonin); Fluoxetine; Substantia nigra (Statnick, M. (299) 93)

Genistein

Colon, rat; Cl^- channel; K^+ channel; Ca^{2+} ; Protein tyrosine kinase (Diener, M. (299) 161)

Glucocorticoid

Neurosteroid; TNF (tumor necrosis factor); Dehydroepiandrosterone sulfate; Pregnenolone (Di Santo, E. (299) 179)

Glutamate receptor antagonist

Dopamine; Reserpine; Parkinsonism; Microdialysis (Biggs, C.S. (299) 83)

Haloperidol

Arginine-aspartate; Catalepsy; Locomotor activity; Dopamine (Patachchioli, F.R. (299) 29)

Median eminence; Intermediate lobe; Pentazocine; Raclopride; Prolactin secretion; α -MSH (α -melanocyte stimulating hormone) secretion (Eaton, M.J. (299) 171)

Harmaline

Nitric oxide (NO); 7-Nitroindazole; NMDA (*N*-methyl-D-aspartate); Parkinsonism; Epilepsy (Eblen, F. (299) 9)

Heart preparation, isolated

Benzodiazepine; Diazepam; Inotropy; Peripheral-type benzodiazepine receptor antagonist (Leeuwin, R.S. (299) 149)

HEK293 cell

Ca^{2+} channel, voltage-dependent; NMDA receptor antagonist; Ischemia; Neuroprotection; (Gerbil) (Bath, C.P. (299) 103)

HF-2035

W-7; Calmodulin antagonist; Vascular relaxation; Nitric oxide (NO) synthase inhibitor (Win, N.H.H. (299) 119)

Hippocampus

GABA (γ -aminobutyric acid); Epilepsy; Neuroprotection; Perforant pathway stimulation (Halonen, T. (299) 69)

5-HT (5-hydroxytryptamine, serotonin)

Epilepsy; Dopamine; Noradrenaline; GABA (γ -aminobutyric acid); Anticonvulsant (Löscher, W. (299) 61)

Seizure; Fluoxetine; Genetically epilepsy-prone rat; Substantia nigra (Statnick, M. (299) 93)

5-HT₂ receptor

Nicotinic acetylcholine receptor; Neocortical high-voltage spindle; Thalamocortical oscillation; (Rat) (Jäkälä, P. (299) 47)

Hyperalgesia

CGRP (calcitonin gene-related peptide); Indomethacin; Interleukin-1 receptor antagonist (Malcangio, M. (299) 113)

Indomethacin

CGRP (calcitonin gene-related peptide); Interleukin-1 receptor antagonist; Hyperalgesia (Malcangio, M. (299) 113)

Inotropy

Benzodiazepine; Diazepam; Heart preparation, isolated; Peripheral-type benzodiazepine receptor antagonist (Leeuwin, R.S. (299) 149)

Intact cell binding

Adrenoceptor; Desensitization; Internalization; Up-regulation (Zhu, S.-J. (299) 205)

Interleukin-1 receptor antagonist

CGRP (calcitonin gene-related peptide); Indomethacin; Hyperalgesia (Malcangio, M. (299) 113)

Intermediate lobe

Median eminence; Pentazocine; Haloperidol; Raclopride; Prolactin secretion; α -MSH (α -melanocyte stimulating hormone) secretion (Eaton, M.J. (299) 171)

Internalization

Adrenoceptor; Desensitization; Up-regulation; Intact cell binding (Zhu, S.-J. (299) 205)

Intestinal erythrocyte extravasation

Lipopolysaccharide; Phosphodiesterase inhibitor (Cardelús, I. (299) 153)

Intracellular pH

NH₄Cl; Vasoconstriction; Coronary artery (Wakabayashi, I. (299) 139)

Ischemia

HEK293 cell; Ca²⁺ channel, voltage-dependent; NMDA receptor antagonist; Neuroprotection; (Gerbil) (Bath, C.P. (299) 103)

K⁺ channel

Colon, rat; Cl⁻ channel; Ca²⁺; Genistein; Protein tyrosine kinase (Diener, M. (299) 161)

Lamotrigine

Nitric oxide (NO); Dizocilpine (MK-801); Opiate abstinence (Lizasoain, I. (299) 41)

Light extinction test

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dopamine; Striatum; Substantia nigra (Messaoudi, M. (299) 17)

Lipopolysaccharide

Intestinal erythrocyte extravasation; Phosphodiesterase inhibitor (Cardelús, I. (299) 153)

Liver

Benzodiazepine receptor, peripheral; Porphyrin; PK11195; Cholesterol; Metabolism (Tsankova, V. (299) 197)

Locomotor activity

Arginine-aspartate; Catalepsy; Haloperidol; Dopamine (Patacchioli, F.R. (299) 29)

Median eminence

Intermediate lobe; Pentazocine; Haloperidol; Raclopride; Prolactin secretion; α -MSH (α -melanocyte stimulating hormone) secretion (Eaton, M.J. (299) 171)

Metabolism

Benzodiazepine receptor, peripheral; Porphyrin; PK11195; Cholesterol; Liver (Tsankova, V. (299) 197)

Microdialysis

Glutamate receptor antagonist; Dopamine; Reserpine; Parkinsonism (Biggs, C.S. (299) 83)

Morphine

Sensitization; Opioid; Psychostimulant; Conditioned reward; Place preference conditioning (Shippenberg, T.S. (299) 33)

Motor suppression

Conditioned fear stress; σ Receptor; Phenytoin; Phencyclidine receptor (Kamei, H. (299) 21)

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

Light extinction test; Dopamine; Striatum; Substantia nigra (Messaoudi, M. (299) 17)

α -MSH (α -melanocyte stimulating hormone) secretion

Median eminence; Intermediate lobe; Pentazocine; Haloperidol; Raclopride; Prolactin secretion (Eaton, M.J. (299) 171)

Naloxone

Stress, uncontrollable; Anhedonia (Zurita, A. (299) 1)

Neocortical high-voltage spindle

Nicotinic acetylcholine receptor; 5-HT₂ receptor; Thalamocortical oscillation; (Rat) (Jäkälä, P. (299) 47)

Neurodegeneration

Catecholamine absorbing protein; Central nervous system; Free radical; Oxidation; Dopamine; Parkinson's disease (Modi, P.I. (299) 213)

Neuroprotection

GABA (γ -aminobutyric acid); Epilepsy; Hippocampus; Perforant pathway stimulation (Halonen, T. (299) 69)

HEK293 cell; Ca²⁺ channel, voltage-dependent; NMDA receptor antagonist; Ischemia; (Gerbil) (Bath, C.P. (299) 103)

Neurosteroid

TNF (tumor necrosis factor); Glucocorticoid; Dehydroepiandrosterone sulfate; Pregnenolone (Di Santo, E. (299) 179)

Neutrophil

Substance P; Superoxide production; Ca²⁺, intracellular; Phosphoinositide (Tanabe, T. (299) 187)

NH₄Cl

Vasoconstriction; Coronary artery; Intracellular pH (Wakabayashi, I. (299) 139)

Nicotinic acetylcholine receptor

5-HT₂ receptor; Neocortical high-voltage spindle; Thalamocortical oscillation; (Rat) (Jäkälä, P. (299) 47)

Nitric oxide (NO)

7-Nitroindazole; Harmaline; NMDA (*N*-methyl-D-aspartate); Parkinsonism; Epilepsy (Eblen, F. (299) 9)

Lamotrigine; Dizocilpine (MK-801); Opiate abstinence (Lizasoain, I. (299) 41)

Nitric oxide (NO) synthase inhibitor

HF-2035; W-7; Calmodulin antagonist; Vascular relaxation (Win, N.H.H. (299) 119)

7-Nitroindazole

Nitric oxide (NO); Harmaline; NMDA (*N*-methyl-D-aspartate); Parkinsonism; Epilepsy (Eblen, F. (299) 9)

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

Nitric oxide (NO); 7-Nitroindazole; Harmaline; Parkinsonism; Epilepsy (Eblen, F. (299) 9)

NMDA receptor antagonist

HEK293 cell; Ca²⁺ channel, voltage-dependent; Ischemia; Neuroprotection; (Gerbil) (Bath, C.P. (299) 103)

Noradrenaline

Epilepsy; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); GABA (γ -aminobutyric acid); Anticonvulsant (Löscher, W. (299) 61)

Opiate abstinence

Lamotrigine; Nitric oxide (NO); Dizocilpine (MK-801) (Lizasoain, I. (299) 41)

Opioid

Sensitization; Morphine; Psychostimulant; Conditioned reward; Place preference conditioning (Shippenberg, T.S. (299) 33)

Oxidation

Catecholamine absorbing protein; Central nervous system; Free radical; Dopamine; Neurodegeneration; Parkinson's disease (Modi, P.I. (299) 213)

Parkinsonism

Nitric oxide (NO); 7-Nitroindazole; Harmaline; NMDA (*N*-methyl-D-aspartate); Epilepsy (Eblen, F. (299) 9)

Glutamate receptor antagonist; Dopamine; Reserpine; Microdialysis (Biggs, C.S. (299) 83)

Parkinson's disease

Catecholamine absorbing protein; Central nervous system; Free radical; Oxidation; Dopamine; Neurodegeneration (Modi, P.I. (299) 213)

Pentazocine

Median eminence; Intermediate lobe; Haloperidol; Raclopride; Prolactin secretion; α -MSH (α -melanocyte stimulating hormone) secretion (Eaton, M.J. (299) 171)

Perforant pathway stimulation

GABA (γ -aminobutyric acid); Epilepsy; Hippocampus; Neuroprotection (Halonen, T. (299) 69)

Peripheral-type benzodiazepine receptor antagonist

Benzodiazepine; Diazepam; Heart preparation, isolated; Inotropy (Leeuwin, R.S. (299) 149)

Phencyclidine receptor

Conditioned fear stress; σ Receptor; Phenytoin; Motor suppression (Kamei, H. (299) 21)

Phenytoin

Conditioned fear stress; σ Receptor; Phencyclidine receptor; Motor suppression (Kamei, H. (299) 21)

Phosphodiesterase inhibitor

Intestinal erythrocyte extravasation; Lipopolysaccharide (Cardelús, I. (299) 153)

Phosphoinositide

Substance P; Neutrophil; Superoxide production; Ca^{2+} , intracellular (Tanabe, T. (299) 187)

PK11195

Benzodiazepine receptor, peripheral; Porphyrin; Cholesterol; Metabolism; Liver (Tsankova, V. (299) 197)

Place preference conditioning

Sensitization; Morphine; Opioid; Psychostimulant; Conditioned reward (Shippenberg, T.S. (299) 33)

Porphyrin

Benzodiazepine receptor, peripheral; PK11195; Cholesterol; Metabolism; Liver (Tsankova, V. (299) 197)

PPAHV (phorbol 12-phenylacetate 13-acetate 20-homovanillate)

Vanilloid receptor; Binding cooperativity; Resiniferatoxin; Capsaicin (Szallasi, A. (299) 221)

Pregnenolone

Neurosteroid; TNF (tumor necrosis factor); Glucocorticoid; Dehydroepiandrosterone sulfate (Di Santo, E. (299) 179)

Prolactin secretion

Median eminence; Intermediate lobe; Pentazocine; Haloperidol; Raclopride; α -MSH (α -melanocyte stimulating hormone) secretion (Eaton, M.J. (299) 171)

Prostaglandin E_2

TNF (tumor necrosis factor- α); Rolipram; Cicaprost (Greten, T.F. (299) 229)

Protein tyrosine kinase

Colon, rat; Cl^- channel; K^+ channel; Ca^{2+} ; Genistein (Diener, M. (299) 161)

Psychostimulant

Sensitization; Morphine; Opioid; Conditioned reward; Place preference conditioning (Shippenberg, T.S. (299) 33)

Raclopride

Median eminence; Intermediate lobe; Pentazocine; Haloperidol; Prolactin secretion; α -MSH (α -melanocyte stimulating hormone) secretion (Eaton, M.J. (299) 171)

 σ Receptor

Conditioned fear stress; Phenytoin; Phencyclidine receptor; Motor suppression (Kamei, H. (299) 21)

Reserpine

Glutamate receptor antagonist; Dopamine; Parkinsonism; Microdialysis (Biggs, C.S. (299) 83)

Resiniferatoxin

Vanilloid receptor; Binding cooperativity; Capsaicin; PPAHV (phorbol 12-phenylacetate 13-acetate 20-homovanillate) (Szallasi, A. (299) 221)

Rolipram

TNF (tumor necrosis factor- α); Cicaprost; Prostaglandin E_2 (Greten, T.F. (299) 229)

Seizure

5-HT (5-hydroxytryptamine, serotonin); Fluoxetine; Genetically epilepsy-prone rat; Substantia nigra (Statnick, M. (299) 93)

Sensitization

Morphine; Opioid; Psychostimulant; Conditioned reward; Place preference conditioning (Shippenberg, T.S. (299) 33)

Stress, uncontrollable

Naloxone; Anhedonia (Zurita, A. (299) 1)

Striatum

Light extinction test; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dopamine; Substantia nigra (Messaoudi, M. (299) 17)

Substance P

Neutrophil; Superoxide production; Ca^{2+} , intracellular; Phosphoinositide (Tanabe, T. (299) 187)

Substantia nigra

Light extinction test; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dopamine; Striatum (Messaoudi, M. (299) 17)

Seizure; 5-HT (5-hydroxytryptamine, serotonin); Fluoxetine; Genetically epilepsy-prone rat (Statnick, M. (299) 93)

Sumatriptan

Alniditan; Ergotamine; Carotid arterial resistance (Van de Water, A. (299) 127)

Superoxide production

Substance P; Neutrophil; Ca^{2+} , intracellular; Phosphoinositide (Tanabe, T. (299) 187)

Thalamocortical oscillation

Nicotinic acetylcholine receptor; 5-HT₂ receptor; Neocortical high-voltage spindle; (Rat) (Jäkälä, P. (299) 47)

TNF (tumor necrosis factor)

Neurosteroid; Glucocorticoid; Dehydroepiandrosterone sulfate; Pregnenolone (Di Santo, E. (299) 179)

TNF (tumor necrosis factor- α)

Rolipram; Cicaprost; Prostaglandin E₂ (Greten, T.F. (299) 229)

Up-regulation

Adrenoceptor; Desensitization; Internalization; Intact cell binding (Zhu, S.-J. (299) 205)

Vanilloid receptor

Binding cooperativity; Resiniferatoxin; Capsaicin; PPAHV (phorbol 12-phenylacetate 13-acetate 20-homovanillate) (Szallasi, A. (299) 221)

Vascular relaxation

HF-2035; W-7; Calmodulin antagonist; Nitric oxide (NO) synthase inhibitor (Win, N.H.H. (299) 119)

Vasoconstriction

NH₄Cl; Coronary artery; Intracellular pH (Wakabayashi, I. (299) 139)

W-7

HF-2035; Calmodulin antagonist; Vascular relaxation; Nitric oxide (NO) synthase inhibitor (Win, N.H.H. (299) 119)