

Keyword index

A_{2A} receptor

Adenosine; Hippocampus; Acetylcholine release; Nerve terminal; Synaptosome (Rebola, N. (454) 31)

Acetylcholine release

Adenosine; A_{2A} receptor; Hippocampus; Nerve terminal; Synaptosome (Rebola, N. (454) 31)

Allosteric modulation; PD 81,723; Adenosine A₁ receptor; Microdialysis; Striatum (Bueters, T.J.H. (454) 177)

Acute pancreatitis

KF24345; Adenosine; Uptake inhibition; Mortality; TNF- α (Tumor necrosis factor- α) (Noji, T. (454) 85)

Adenosine

A_{2A} receptor; Hippocampus; Acetylcholine release; Nerve terminal; Synaptosome (Rebola, N. (454) 31)

KF24345; Uptake inhibition; Acute pancreatitis; Mortality; TNF- α (Tumor necrosis factor- α) (Noji, T. (454) 85)

Adenosine A₁ receptor

Allosteric modulation; PD 81,723; Acetylcholine release; Microdialysis; Striatum (Bueters, T.J.H. (454) 177)

α_2 -Adrenoceptor

KU14R; Efaroxan; Imidazoline; Insulin; Blood glucose (Mayer, G. (454) 95)

β -Adrenoceptor

Oxytocin; Renin secretion; Oxytocin receptor; Renal denervation; Pulsed infusion (Loichot, C. (454) 241)

α -Adrenoceptor agent

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Aldosterone

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Allosteric modulation

PD 81,723; Acetylcholine release; Adenosine A₁ receptor; Microdialysis; Striatum (Bueters, T.J.H. (454) 177)

AM404

Anandamide; Morphine withdrawal (Del Arco, I. (454) 103)

AMPA receptor

Biarylpropylsulfonamide; Cyclothiazide (Quirk, J.C. (454) 125)

Amylin

Ghrelin; Hypothalamus; Dopamine; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin) (Brunetti, L. (454) 189)

Anandamide

AM404; Morphine withdrawal (Del Arco, I. (454) 103)

Anticholinergic effect

Paroxetine; Fluvoxamine; Clomipramine; Antidepressant; (Mouse) (Fujishiro, J. (454) 183)

Antidepressant

Paroxetine; Fluvoxamine; Clomipramine; Anticholinergic effect; (Mouse) (Fujishiro, J. (454) 183)

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Organic anion transport; Perfused rat liver; Indicator-dilution experiment (Fernandes, T.R.L. (454) 225)

Atropine

Detrusor smooth muscle; Electrical field stimulation; Propiverine; Oxybutynin; Tolterodine (Wüst, M. (454) 59)

Atypical neuroleptic

Cyamemazine; Serotonin; 5-HT_{2A} receptor; Neuroleptic (Alvarez-Guerra, M. (454) 235)

Barrel rotation

c-Fos; Endothelin-1; Vestibular nucleus; (Rat) (Kozako, T. (454) 199)

Basal ganglia

Cannabinoid; Dystonia; Movement disorder (Richter, A. (454) 145)

Bell-shaped curve

Prostaglandin; Prostanoid receptor; G-protein; Pertussis toxin; Partial agonist (Accomazzo, M.R. (454) 107)

BIAcore assay

Scorpion neurotoxin; BmK abT; Na⁺ channel; Receptor binding site (Ji, Y.-H. (454) 25)

Biarylpropylsulfonamide

AMPA receptor; Cyclothiazide (Quirk, J.C. (454) 125)

Bladder

Long-chain fatty alcohol; Ischemia–reperfusion injury; Free radical; Malonaldehyde (Saito, M. (454) 81)

Blood glucose

KU14R; Efaroxan; Imidazoline; α_2 -Adrenoceptor; Insulin (Mayer, G. (454) 95)

Blood pressure

Oxidative stress; Glutathione; Endothelial function (Ganafa, A.A. (454) 217)

BmK abT

Scorpion neurotoxin; Na⁺ channel; Receptor binding site; BIAcore assay (Ji, Y.-H. (454) 25)

Bremazocine

κ -Opioid receptor; Peripheral antinociception; Nitric oxide; Cyclic GMP; Carrageenan (Amarante, L.H. (454) 19)

Cannabinoid

Basal ganglia; Dystonia; Movement disorder (Richter, A. (454) 145)

Carbon monoxide

Heme oxygenase; Glutamate receptor, Metabotropic; Nucleus tractus solitarius (Lo, W.-C. (454) 39)

Carrageenan

Bremazocine; κ -Opioid receptor; Peripheral antinociception; Nitric oxide; Cyclic GMP (Amarante, L.H. (454) 19)

Cerebral cortex

Excitotoxicity; Neurosteroid; NMDA (*N*-methyl-D-aspartate); Organotypic slice culture (Shirakawa, H. (454) 165)

c-Fos

Barrel rotation; Endothelin-1; Vestibular nucleus; (Rat) (Kozako, T. (454) 199)

Chinese population study

Single-nucleotide polymorphism; Coronary heart disease; Dyslipidemia; Lipoprotein lipase gene; High-density lipoprotein; Triglyceride (Su, Z.G. (454) 9)

Circular muscle

Colonic transit; Dynorphin A (Tada, H. (454) 53)

Cisplatin

Kaolin; Pica; Emesis; Delayed (Rudd, J.A. (454) 47)

Clomipramine

Paroxetine; Fluvoxamine; Antidepressant; Anticholinergic effect; (Mouse) (Fujishiro, J. (454) 183)

Colonic transit

Circular muscle; Dynorphin A (Tada, H. (454) 53)

Coronary heart disease

Single-nucleotide polymorphism; Chinese population study; Dyslipidemia; Lipoprotein lipase gene; High-density lipoprotein; Triglyceride (Su, Z.G. (454) 9)

Cyamemazine

Serotonin; 5-HT_{2A} receptor; Neuroleptic; Atypical neuroleptic (Alvarez-Guerra, M. (454) 235)

Cyclic GMP

Bremazocine; κ -Opioid receptor; Peripheral antinociception; Nitric oxide; Carrageenan (Amarante, L.H. (454) 19)

Cyclothiazide

AMPA receptor; Biarylpropylsulfonamide (Quirk, J.C. (454) 125)

Delayed

Cisplatin; Kaolin; Pica; Emesis (Rudd, J.A. (454) 47)

Detrusor smooth muscle

Electrical field stimulation; Atropine; Propiverine; Oxybutynin; Tolterodine Wüst, M. (454) 59)

Disintegrin

GPIIb-IIIa antagonist; Integrilin; Eptifibatide; GR144053F; Polymorphism P1^{A1/A2} (platelet-specific antigen) (Rozalski, M. (454) 1)

Dopamine

Amylin; Ghrelin; Hypothalamus; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin) (Brunetti, L. (454) 189)

Dynorphin A

Circular muscle; Colonic transit (Tada, H. (454) 53)

Dyslipidemia

Single-nucleotide polymorphism; Coronary heart disease; Chinese population study; Lipoprotein lipase gene; High-density lipoprotein; Triglyceride (Su, Z.G. (454) 9)

Dystonia

Cannabinoid; Basal ganglia; Movement disorder (Richter, A. (454) 145)

Efaroxan

KU14R; Imidazoline; α_2 -Adrenoceptor; Insulin; Blood glucose (Mayer, G. (454) 95)

Electrical field stimulation

Detrusor smooth muscle; Atropine; Propiverine; Oxybutynin; Tolterodine Wüst, M. (454) 59)

Emesis

Cisplatin; Kaolin; Pica; Delayed (Rudd, J.A. (454) 47)

Endothelial function

Oxidative stress; Glutathione; Blood pressure (Ganafa, A.A. (454) 217)

Endothelin-1

Barrel rotation; c-Fos; Vestibular nucleus; (Rat) (Kozako, T. (454) 199)

Eptifibatide

GPIIb-IIIa antagonist; Disintegrin; Integrilin; GR144053F; Polymorphism P1^{A1/A2} (platelet-specific antigen) (Rozalski, M. (454) 1)

Erectile dysfunction

Melanocortin; Melanocortin MC₄ receptor; G protein-coupled receptor (Martin, W.J. (454) 71)

Excitotoxicity

Cerebral cortex; Neurosteroid; NMDA (*N*-methyl-D-aspartate); Organotypic slice culture (Shirakawa, H. (454) 165)

Expression

Induction; Operational model; Upregulation (Möller, S. (454) 209)

Fluvoxamine

Paroxetine; Clomipramine; Antidepressant; Anticholinergic effect; (Mouse) (Fujishiro, J. (454) 183)

Formalin test

Spinal nociception; Inflammation; Heat hyperalgesia; Spinal microdialysis; Nitric oxide (Gühring, H. (454) 153)

Free radical

Bladder; Long-chain fatty alcohol; Ischemia–reperfusion injury; Malonaldehyde (Saito, M. (454) 81)

Ghrelin

Amylin; Hypothalamus; Dopamine; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin) (Brunetti, L. (454) 189)

Glutamate receptor, Metabotropic

Carbon monoxide; Heme oxygenase; Nucleus tractus solitarius (Lo, W.-C. (454) 39)

Glutathione

Oxidative stress; Blood pressure; Endothelial function (Ganafa, A.A. (454) 217)

GPIIb-IIIa antagonist

Disintegrin; Integrilin; Eptifibatide; GR144053F; Polymorphism $PI^{A1/A2}$ (platelet-specific antigen) (Rozalski, M. (454) 1)

G-protein

Prostaglandin; Prostanoid receptor; Bell-shaped curve; Pertussis toxin; Partial agonist (Accomazzo, M.R. (454) 107)

G protein-coupled receptor

Erectile dysfunction; Melanocortin; Melanocortin MC_4 receptor (Martin, W.J. (454) 71)

GR144053F

GPIIb-IIIa antagonist; Disintegrin; Integrilin; Eptifibatide; Polymorphism $PI^{A1/A2}$ (platelet-specific antigen) (Rozalski, M. (454) 1)

Heat hyperalgesia

Spinal nociception; Formalin test; Inflammation; Spinal microdialysis; Nitric oxide (Gühring, H. (454) 153)

Heme oxygenase

Carbon monoxide; Glutamate receptor, Metabotropic; Nucleus tractus solitarius (Lo, W.-C. (454) 39)

High-density lipoprotein

Single-nucleotide polymorphism; Coronary heart disease; Chinese population study; Dyslipidemia; Lipoprotein lipase gene; Triglyceride (Su, Z.G. (454) 9)

Hippocampus

Adenosine; A_{2A} receptor; Acetylcholine release; Nerve terminal; Synaptosome (Rebola, N. (454) 31)

Histaminergic agent

Passive avoidance learning; α -Adrenoceptor agent; (Rat) (Zarrindast, M.-R. (454) 193)

5-HT_{2A} receptor

Cyamemazine; Serotonin; Neuroleptic; Atypical neuroleptic (Alvarez-Guerra, M. (454) 235)

5-HT (5-hydroxytryptamine, serotonin)

Amylin; Ghrelin; Hypothalamus; Dopamine; Norepinephrine (Brunetti, L. (454) 189)

Hypothalamus

Amylin; Ghrelin; Dopamine; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin) (Brunetti, L. (454) 189)

Imidazoline

KU14R; Efaroxan; α_2 -Adrenoceptor; Insulin; Blood glucose (Mayer, G. (454) 95)

Indicator-dilution experiment

ATP; Organic anion transport; Perfused rat liver (Fernandes, T.R.L. (454) 225)

Induction

Expression; Operational model; Upregulation (Möller, S. (454) 209)

Inflammation

Spinal nociception; Formalin test; Heat hyperalgesia; Spinal microdialysis; Nitric oxide (Gühring, H. (454) 153)

iNOS (inducible nitric oxide synthase)

Lipopolysaccharide; p38 MAP (mitogen activated protein) kinase (Lahti, A. (454) 115)

Insulin

KU14R; Efaroxan; Imidazoline; α_2 -Adrenoceptor; Blood glucose (Mayer, G. (454) 95)

Integrilin

GPIIb-IIIa antagonist; Disintegrin; Eptifibatide; GR144053F; Polymorphism $PI^{A1/A2}$ (platelet-specific antigen) (Rozalski, M. (454) 1)

Ischemia–reperfusion injury

Bladder; Long-chain fatty alcohol; Free radical; Malonaldehyde (Saito, M. (454) 81)

Kaolin

Cisplatin; Pica; Emesis; Delayed (Rudd, J.A. (454) 47)

KF24345

Adenosine; Uptake inhibition; Acute pancreatitis; Mortality; TNF- α (Tumor necrosis factor- α) (Noji, T. (454) 85)

KU14R

Efaroxan; Imidazoline; α_2 -Adrenoceptor; Insulin; Blood glucose (Mayer, G. (454) 95)

Lipopolysaccharide

iNOS (inducible nitric oxide synthase); p38 MAP (mitogen activated protein) kinase (Lahti, A. (454) 115)

Lipoprotein lipase gene

Single-nucleotide polymorphism; Coronary heart disease; Chinese population study; Dyslipidemia; High-density lipoprotein; Triglyceride (Su, Z.G. (454) 9)

Long-chain fatty alcohol

Bladder; Ischemia–reperfusion injury; Free radical; Malonaldehyde (Saito, M. (454) 81)

Malonaldehyde

Bladder; Long-chain fatty alcohol; Ischemia–reperfusion injury; Free radical (Saito, M. (454) 81)

Melanocortin

Erectile dysfunction; Melanocortin MC_4 receptor; G protein-coupled receptor (Martin, W.J. (454) 71)

Melanocortin MC_4 receptor

Erectile dysfunction; Melanocortin; G protein-coupled receptor (Martin, W.J. (454) 71)

Microdialysis

Allosteric modulation; PD 81,723; Acetylcholine release; Adenosine A_1 receptor; Striatum (Bueters, T.J.H. (454) 177)

Mineralocorticoid receptor

Natriuresis; Aldosterone; Steroid conformation (Piwien-Pilipuk, G. (454) 131)

Morphine withdrawal

AM404; Anandamide (Del Arco, I. (454) 103)

Mortality

KF24345; Adenosine; Uptake inhibition; Acute pancreatitis; TNF- α (Tumor necrosis factor- α) (Noji, T. (454) 85)

(Mouse)

Paroxetine; Fluvoxamine; Clomipramine; Antidepressant; Anticholinergic effect (Fujishiro, J. (454) 183)

Movement disorder

Cannabinoid; Basal ganglia; Dystonia (Richter, A. (454) 145)

Na⁺ channel

Scorpion neurotoxin; BmK abT; Receptor binding site; BIAcore assay (Ji, Y.-H. (454) 25)

Natriuresis

Mineralocorticoid receptor; Aldosterone; Steroid conformation (Piwien-Pilipuk, G. (454) 131)

Nerve terminal

Adenosine; A_{2A} receptor; Hippocampus; Acetylcholine release; Synaptosome (Rebola, N. (454) 31)

Neuroleptic

Cyamemazine; Serotonin; 5-HT_{2A} receptor; Atypical neuroleptic (Alvarez-Guerra, M. (454) 235)

Neurosteroid

Cerebral cortex; Excitotoxicity; NMDA (*N*-methyl-D-aspartate); Organotypic slice culture (Shirakawa, H. (454) 165)

Nitric oxide

Bremazocine; κ -Opioid receptor; Peripheral antinociception; Cyclic GMP; Carrageenan (Amarante, L.H. (454) 19)

Spinal nociception; Formalin test; Inflammation; Heat hyperalgesia; Spinal microdialysis (Gühring, H. (454) 153)

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

Cerebral cortex; Excitotoxicity; Neurosteroid; Organotypic slice culture (Shirakawa, H. (454) 165)

Norepinephrine

Amylin; Ghrelin; Hypothalamus; Dopamine; 5-HT (5-hydroxytryptamine, serotonin) (Brunetti, L. (454) 189)

Nucleus tractus solitarii

Carbon monoxide; Heme oxygenase; Glutamate receptor, Metabotropic (Lo, W.-C. (454) 39)

Operational model

Expression; Induction; Upregulation (Möller, S. (454) 209)

 κ -Opioid receptor

Bremazocine; Peripheral antinociception; Nitric oxide; Cyclic GMP; Carrageenan (Amarante, L.H. (454) 19)

Organic anion transport

ATP; Perfused rat liver; Indicator-dilution experiment (Fernandes, T.R.L. (454) 225)

Organotypic slice culture

Cerebral cortex; Excitotoxicity; Neurosteroid; NMDA (*N*-methyl-D-aspartate) (Shirakawa, H. (454) 165)

Oxidative stress

Glutathione; Blood pressure; Endothelial function (Ganafa, A.A. (454) 217)

Oxybutynin

Detrusor smooth muscle; Electrical field stimulation; Atropine; Propiverine; Tolterodine (Wüst, M. (454) 59)

Oxytocin

Renin secretion; Oxytocin receptor; β -Adrenoceptor; Renal denervation; Pulsed infusion (Loichot, C. (454) 241)

Oxytocin receptor

Oxytocin; Renin secretion; β -Adrenoceptor; Renal denervation; Pulsed infusion (Loichot, C. (454) 241)

Paroxetine

Fluvoxamine; Clomipramine; Antidepressant; Anticholinergic effect; (Mouse) (Fujishiro, J. (454) 183)

Partial agonist

Prostaglandin; Prostanoid receptor; Bell-shaped curve; G-protein; Pertussis toxin (Accomazzo, M.R. (454) 107)

Passive avoidance learning

Histaminergic agent; α -Adrenoceptor agent; (Rat) (Zarrindast, M.-R. (454) 193)

PD 81,723

Allosteric modulation; Acetylcholine release; Adenosine A₁ receptor; Microdialysis; Striatum (Bueters, T.J.H. (454) 177)

Perfused rat liver

ATP; Organic anion transport; Indicator-dilution experiment (Fernandes, T.R.L. (454) 225)

Peripheral antinociception

Bremazocine; κ -Opioid receptor; Nitric oxide; Cyclic GMP; Carrageenan (Amarante, L.H. (454) 19)

Pertussis toxin

Prostaglandin; Prostanoid receptor; Bell-shaped curve; G-protein; Partial agonist (Accomazzo, M.R. (454) 107)

Pica

Cisplatin; Kaolin; Emesis; Delayed (Rudd, J.A. (454) 47)

p38 MAP (mitogen activated protein) kinase

iNOS (inducible nitric oxide synthase); Lipopolysaccharide (Lahti, A. (454) 115)

Polymorphism PI^{A1/A2} (platelet-specific antigen)

GPIIb-IIIa antagonist; Disintegrin; Integrilin; Eptifibatide; GR144053F (Rozalski, M. (454) 1)

Propiverine

Detrusor smooth muscle; Electrical field stimulation; Atropine; Oxybutynin; Tolterodine (Wüst, M. (454) 59)

Prostaglandin

Prostanoid receptor; Bell-shaped curve; G-protein; Pertussis toxin; Partial agonist (Accomazzo, M.R. (454) 107)

Prostanoid receptor

Prostaglandin; Bell-shaped curve; G-protein; Pertussis toxin; Partial agonist (Accomazzo, M.R. (454) 107)

Pulsed infusion

Oxytocin; Renin secretion; Oxytocin receptor; β -Adrenoceptor; Renal denervation (Loichot, C. (454) 241)

(Rat)

Passive avoidance learning; Histaminergic agent; α -Adrenoceptor agent (Zarrindast, M.-R. (454) 193)

Barrel rotation; c-Fos; Endothelin-1; Vestibular nucleus (Kozako, T. (454) 199)

Receptor binding site

Scorpion neurotoxin; BmK abT; Na⁺ channel; BIAcore assay (Ji, Y.-H. (454) (454) 25)

Renal denervation

Oxytocin; Renin secretion; Oxytocin receptor; β -Adrenoceptor; Pulsed infusion (Loichot, C. (454) 241)

Renin secretion

Oxytocin; Oxytocin receptor; β -Adrenoceptor; Renal denervation; Pulsed infusion (Loichot, C. (454) 241)

Scorpion neurotoxin

BmK abT; Na⁺ channel; Receptor binding site; BIAcore assay (Ji, Y.-H. (454) (454) 25)

Serotonin

Cyamemazine; 5-HT_{2A} receptor; Neuroleptic; Atypical neuroleptic (Alvarez-Guerra, M. (454) 235)

Single-nucleotide polymorphism

Coronary heart disease; Chinese population study; Dyslipidemia; Lipoprotein lipase gene; High-density lipoprotein; Triglyceride (Su, Z.G. (454) 9)

Spinal microdialysis

Spinal nociception; Formalin test; Inflammation; Heat hyperalgesia; Nitric oxide (Gühring, H. (454) 153)

Spinal nociception

Formalin test; Inflammation; Heat hyperalgesia; Spinal microdialysis; Nitric oxide (Gühring, H. (454) 153)

Steroid conformation

Mineralocorticoid receptor; Natriuresis; Aldosterone (Piwien-Pilipuk, G. (454) 131)

Striatum

Allosteric modulation; PD 81,723; Acetylcholine release; Adenosine A₁ receptor; Microdialysis (Bueters, T.J.H. (454) 177)

Synaptosome

Adenosine; A_{2A} receptor; Hippocampus; Acetylcholine release; Nerve terminal (Rebola, N. (454) 31)

TNF- α (Tumor necrosis factor- α)

KF24345; Adenosine; Uptake inhibition; Acute pancreatitis; Mortality (Noji, T. (454) 85)

Tolterodine

Detrusor smooth muscle; Electrical field stimulation; Atropine; Propiverine; Oxybutynin (Wüst, M. (454) 59)

Triglyceride

Single-nucleotide polymorphism; Coronary heart disease; Chinese population study; Dyslipidemia; Lipoprotein lipase gene; High-density lipoprotein (Su, Z.G. (454) 9)

Upregulation

Expression; Induction; Operational model (Möller, S. (454) 209)

Uptake inhibition

KF24345; Adenosine; Acute pancreatitis; Mortality; TNF- α (Tumor necrosis factor- α) (Noji, T. (454) 85)

Vestibular nucleus

Barrel rotation; c-Fos; Endothelin-1; (Rat) (Kozako, T. (454) 199)