

Keyword index

Activity, Infant rat

Dopamine; Ultrasonic vocalization (Dastur, F.N. (382) 53)

Adhesion

Nitric oxide (NO); Nitric oxide (NO)-releasing compound; CD11/CD18 (Kosonen, O. (382) 111)

α -Adrenoceptor

Calcium, dietary; Blood pressure (Civantos, B. (382) 91)

Adrenomedullin

Myocyte; Fibroblast; Hypertrophy; Proliferation; cAMP (Horio, T. (382) 1)

Aging

Angiotensin II; Endothelial function; Nitric oxide (NO); Prostacyclin; Rat (Ishihata, A. (382) 19)

Alniditan

5-HT_{1B/D} receptor agonist; Migraine; Inflammation neurogenic; Artery basilar (Limmroth, V. (382) 103)

Alzheimer's disease

Bradykinin; Amyloid β -(1–40); Vasoactivity; Endothelial cells cultured; cGMP (Wirth, K.J. (382) 27)

β -amyloid protein; Hippocampus; Nicotine; Learning; Memory; Long-term potentiation (Itoh, A. (382) 167)

Aminoguanidine

Bacterial endotoxin; Monophosphoryl lipid-A; Ventricular arrhythmias; Ischaemia; Reperfusion; Nitric oxide (NO); Meclofenamate (Végh, Á. (382) 81)

Amphetamine

Cocaine; Methylphenidate; Fenfluramine; Transporter (Fleckenstein, A.E. (382) 45)

Amplitude

Microdialysis; Entrainment; Melatonin receptor agonist; Pineal gland (Drijfhout, W.J. (382) 157)

Amyloid β -(1–40)

Bradykinin; Alzheimer's disease; Vasoactivity; Endothelial cells cultured; cGMP (Wirth, K.J. (382) 27)

Angiotensin II

Aging; Endothelial function; Nitric oxide (NO); Prostacyclin; Rat (Ishihata, A. (382) 19)

Antagonism

Muscarinic receptor; Transient response; Ca²⁺ mobilization; Monte Carlo simulation; Kinetics; Insurmountable (Christopoulos, A. (382) 217)

Anticancer drug

Malondialdehyde; Oxidative stress; G protein-coupled receptor (Bhat, S.G. (382) 35)

Antidepressant

5-HT_{1A} receptor antagonist; Electrophysiology; Dorsal raphe nucleus; 5-HT(5 hydroxytryptamine, serotonin) reuptake inhibitor, selective (Arborelius, L. (382) 133)

Anxiety

Nitric oxide (NO); Ultrasonic vocalization; Locomotion; (Rat pup) (Podhorna, J. (382) 143)

Aortic ring, rat

Relaxation; Cyclonucleotide; Hypertonicity; Isoprenaline; Methacholine (Tabrizchi, R. (382) 177)

Apamin

Hippocampus; K⁺ channel, Ca²⁺-dependent; Spatial navigation; Learning; Memory; (Mouse) (Ikonen, S. (382) 151)

Artery basilar

Alniditan; 5-HT_{1B/D} receptor agonist; Migraine; Inflammation neurogenic (Limmroth, V. (382) 103)

Bacterial endotoxin

Monophosphoryl lipid-A; Ventricular arrhythmias; Ischaemia; Reperfusion; Nitric oxide (NO); Aminoguanidine; Meclofenamate (Végh, Á. (382) 81)

β -adrenoceptor

Catecholamine; Isoproterenol; Heart rate; Pacemaker cell (Whalen, E.J. (382) 207)

β -amyloid protein

Alzheimer's disease; Hippocampus; Nicotine; Learning; Memory; Long-term potentiation (Itoh, A. (382) 167)

BIBR-277

Myocardial stunning; Enalapril; Hoe-140 (Nakai, T. (382) 187)

BK_{Ca} channel

Relaxation; Cyclic GMP; Guanylyl cyclase, soluble; Smooth muscle, vascular (Seitz, S. (382) 11)

Blood pressure

Calcium, dietary; α -Adrenoceptor (Civantos, B. (382) 91)

Bradykinin

Alzheimer's disease; Amyloid β -(1–40); Vasoactivity; Endothelial cells cultured; cGMP (Wirth, K.J. (382) 27)

β -Bungarotoxin

Suramin; Nerve terminal; Transmitter release (Lin-Shiau, S.-Y. (382) 75)

Caffeine

Ca²⁺ release; Sarcoplasmic reticulum; Ryanodine receptor; Gramine derivatives (Nakahata, N. (382) 129)

Calcium, dietary

Blood pressure; α -Adrenoceptor (Civantos, B. (382) 91)

Ca²⁺ mobilization

Muscarinic receptor; Transient response; Monte Carlo simulation; Kinetics; Antagonism; Insurmountable (Christopoulos, A. (382) 217)

cAMP

Adrenomedullin; Myocyte; Fibroblast; Hypertrophy; Proliferation (Horio, T. (382) 1)

Ca²⁺ release

Sarcoplasmic reticulum; Ryanodine receptor; Gramine derivatives; Caffeine (Nakahata, N. (382) 129)

Catalepsy

Haloperidol; [³⁵S]GTP γ S, agonist-induced; Dopamine D₂ receptor density; G-protein coupling (Geurts, M. (382) 119)

Catecholamine

β -adrenoceptor; Isoproterenol; Heart rate; Pacemaker cell (Whalen, E.J. (382) 207)

CD11/CD18

Nitric oxide (NO); Nitric oxide (NO)-releasing compound; Adhesion (Kosonen, O. (382) 111)

cGMP

Bradykinin; Alzheimer's disease; Amyloid β -(1–40); Vasoactivity; Endothelial cells cultured (Wirth, K.J. (382) 27)

Cicletanine

Myocardium; Ischemia; Electrophysiology; Conduction; Prostaglandin; Terfenadine (Criniti, A. (382) 197)

Cocaine

Amphetamine; Methylphenidate; Fenfluramine; Transporter (Fleckenstein, A.E. (382) 45)

Cocaine discrimination

Generalization gradient; Time course; Lever press; (Rat, male); (Rat, female) (Anderson, K.G. (382) 69)

Conduction

Myocardium; Ischemia; Electrophysiology; Prostaglandin; Cicletanine; Terfenadine (Criniti, A. (382) 197)

Cyclic GMP

Relaxation; Guanylyl cyclase, soluble; BK_{Ca} channel; Smooth muscle, vascular (Seitz, S. (382) 11)

Cyclonucleotide

Aortic ring, rat; Relaxation; Hypertonicity; Isoprenaline; Methacholine (Tabrizchi, R. (382) 177)

Dopamine

Ultrasonic vocalization; Activity, Infant rat (Dastur, F.N. (382) 53)

Dopamine D₂ receptor density

Haloperidol; [³⁵S]GTP γ S, agonist-induced; G-protein coupling; Catalepsy (Geurts, M. (382) 119)

Dorsal raphe nucleus

5-HT_{1A} receptor antagonist; Antidepressant; Electrophysiology; 5-HT(5 hydroxytryptamine, serotonin) reuptake inhibitor, selective (Arborelius, L. (382) 133)

Electrophysiology

5-HT_{1A} receptor antagonist; Antidepressant; Dorsal raphe nucleus; 5-HT(5 hydroxytryptamine, serotonin) reuptake inhibitor, selective (Arborelius, L. (382) 133)

Myocardium; Ischemia; Conduction; Prostaglandin; Cicletanine; Terfenadine (Criniti, A. (382) 197)

Enalapril

Myocardial stunning; BIBR-277; Hoe-140 (Nakai, T. (382) 187)

Endothelial cells cultured

Bradykinin; Alzheimer's disease; Amyloid β -(1–40); Vasoactivity; cGMP (Wirth, K.J. (382) 27)

Endothelial function

Aging; Angiotensin II; Nitric oxide (NO); Prostacyclin; Rat (Ishihata, A. (382) 19)

Entrainment

Microdialysis; Melatonin receptor agonist; Pineal gland; Amplitude (Drijfhout, W.J. (382) 157)

Fenfluramine

Amphetamine; Cocaine; Methylphenidate; Transporter (Fleckenstein, A.E. (382) 45)

Fibroblast

Adrenomedullin; Myocyte; Hypertrophy; Proliferation; cAMP (Horio, T. (382) 1)

Fluoxetine

Fluvoxamine; 5-HT (5-hydroxytryptamine, serotonin); Selective serotonin reuptake inhibitor; Maprotiline; Hyperglycemia; Insulin; *p*-Chlorophenylalanine; (Mouse) (Yamada, J. (382) 211)

Fluvoxamine

Fluoxetine; 5-HT (5-hydroxytryptamine, serotonin); Selective serotonin reuptake inhibitor; Maprotiline; Hyperglycemia; Insulin; *p*-Chlorophenylalanine; (Mouse) (Yamada, J. (382) 211)

Generalization gradient

Cocaine discrimination; Time course; Lever press; (Rat, male); (Rat, female) (Anderson, K.G. (382) 69)

Glutamate

Haloperidol; Transport; Striatum; Synaptosome (De Souza, I.E.J. (382) 139)

G protein-coupled receptor

Anticancer drug; Malondialdehyde; Oxidative stress (Bhat, S.G. (382) 35)

G-protein coupling

Haloperidol; [³⁵S]GTP γ S, agonist-induced; Dopamine D₂ receptor density; Catalepsy (Geurts, M. (382) 119)

Gramine derivatives

Ca²⁺ release; Sarcoplasmic reticulum; Ryanodine receptor; Caffeine (Nakahata, N. (382) 129)

Guanylyl cyclase, soluble

Relaxation; Cyclic GMP; BK_{Ca} channel; Smooth muscle, vascular (Seitz, S. (382) 11)

Haloperidol

[³⁵S]GTPγS, agonist-induced; Dopamine D₂ receptor density; G-protein coupling; Catalepsy (Geurts, M. (382) 119)

Glutamate; Transport; Striatum; Synaptosome (De Souza, I.E.J. (382) 139)

Heart rate

β-adrenoceptor; Catecholamine; Isoproterenol; Pacemaker cell (Whalen, E.J. (382) 207)

Hippocampus

Apamin; K⁺ channel, Ca²⁺-dependent; Spatial navigation; Learning; Memory; (Mouse) (Ikonen, S. (382) 151)

Alzheimer's disease; β-amyloid protein; Nicotine; Learning; Memory; Long-term potentiation (Itoh, A. (382) 167)

Hoe-140

Myocardial stunning; Enalapril; BIBR-277 (Nakai, T. (382) 187)

5-HT (5-hydroxytryptamine, serotonin)

Fluoxetine; Fluvoxamine; Selective serotonin reuptake inhibitor; Maprotiline; Hyperglycemia; Insulin; *p*-Chlorophenylalanine; (Mouse) (Yamada, J. (382) 211)

5-HT(5 hydroxytryptamine, serotonin) reuptake inhibitor, selective

5-HT_{1A} receptor antagonist; Antidepressant; Electrophysiology; Dorsal raphe nucleus (Arborelius, L. (382) 133)

5-HT_{1A} receptor antagonist

Antidepressant; Electrophysiology; Dorsal raphe nucleus; 5-HT(5 hydroxytryptamine, serotonin) reuptake inhibitor, selective (Arborelius, L. (382) 133)

5-HT_{1B/D} receptor agonist

Alniditan; Migraine; Inflammation neurogenic; Artery basilar (Limmroth, V. (382) 103)

Hyperglycemia

Fluoxetine; Fluvoxamine; 5-HT (5-hydroxytryptamine, serotonin); Selective serotonin reuptake inhibitor; Maprotiline; Insulin; *p*-Chlorophenylalanine; (Mouse) (Yamada, J. (382) 211)

Hypertonicity

Aortic ring, rat; Relaxation; Cyclonucleotide; Isoprenaline; Methacholine (Tabrizchi, R. (382) 177)

Hypertrophy

Adrenomedullin; Myocyte; Fibroblast; Proliferation; cAMP (Horio, T. (382) 1)

Inflammation neurogenic

Alniditan; 5-HT_{1B/D} receptor agonist; Migraine; Artery basilar (Limmroth, V. (382) 103)

Insulin

Fluoxetine; Fluvoxamine; 5-HT (5-hydroxytryptamine, serotonin); Selective serotonin reuptake inhibitor; Maprotiline; Hyperglycemia; *p*-Chlorophenylalanine; (Mouse) (Yamada, J. (382) 211)

Insurmountable

Muscarinic receptor; Transient response; Ca²⁺ mobilization; Monte Carlo simulation; Kinetics; Antagonism (Christopoulos, A. (382) 217)

Ischaemia

Bacterial endotoxin; Monophosphoryl lipid-A; Ventricular arrhythmias; Reperfusion; Nitric oxide (NO); Aminoguanidine; Meclofenamate (Végh, Á. (382) 81)

Ischemia

Myocardium; Electrophysiology; Conduction; Prostaglandin; Cicletanine; Terfenadine (Criniti, A. (382) 197)

Isoprenaline

Aortic ring, rat; Relaxation; Cyclonucleotide; Hypertonicity; Methacholine (Tabrizchi, R. (382) 177)

Isoproterenol

β-adrenoceptor; Catecholamine; Heart rate; Pacemaker cell (Whalen, E.J. (382) 207)

K⁺ channel, Ca²⁺-dependent

Hippocampus; Apamin; Spatial navigation; Learning; Memory; (Mouse) (Ikonen, S. (382) 151)

Kinetics

Muscarinic receptor; Transient response; Ca²⁺ mobilization; Monte Carlo simulation; Antagonism; Insurmountable (Christopoulos, A. (382) 217)

Learning

Hippocampus; Apamin; K⁺ channel, Ca²⁺-dependent; Spatial navigation; Memory; (Mouse) (Ikonen, S. (382) 151)

Alzheimer's disease; β-amyloid protein; Hippocampus; Nicotine; Memory; Long-term potentiation (Itoh, A. (382) 167)

Lever press

Cocaine discrimination; Generalization gradient; Time course; (Rat, male); (Rat, female) (Anderson, K.G. (382) 69)

Locomotion

Nitric oxide (NO); Anxiety; Ultrasonic vocalization; (Rat pup) (Podhorna, J. (382) 143)

Long-term potentiation

Alzheimer's disease; β-amyloid protein; Hippocampus; Nicotine; Learning; Memory (Itoh, A. (382) 167)

Malondialdehyde

Anticancer drug; Oxidative stress; G protein-coupled receptor (Bhat, S.G. (382) 35)

Maprotiline

Fluoxetine; Fluvoxamine; 5-HT (5-hydroxytryptamine, serotonin); Selective serotonin reuptake inhibitor; Hyperglycemia; Insulin; *p*-Chlorophenylalanine; (Mouse) (Yamada, J. (382) 211)

Meclofenamate

Bacterial endotoxin; Monophosphoryl lipid-A; Ventricular arrhythmias; Ischaemia; Reperfusion; Nitric oxide (NO); Aminoguanidine (Végh, Á. (382) 81)

Melatonin receptor agonist

Microdialysis; Entrainment; Pineal gland; Amplitude (Drijfhout, W.J. (382) 157)

Memory

Hippocampus; Apamin; K⁺ channel, Ca²⁺-dependent; Spatial navigation; Learning; (Mouse) (Ikonen, S. (382) 151)

Alzheimer's disease; β-amyloid protein; Hippocampus; Nicotine; Learning; Long-term potentiation (Itoh, A. (382) 167)

Methacholine

Aortic ring, rat; Relaxation; Cyclonucleotide; Hypertonicity; Isoprenaline (Tabrizchi, R. (382) 177)

Methylphenidate

Amphetamine; Cocaine; Fenfluramine; Transporter (Fleckenstein, A.E. (382) 45)

Microdialysis

Entrainment; Melatonin receptor agonist; Pineal gland; Amplitude (Drijfhout, W.J. (382) 157)

Migraine

Alniditan; 5-HT_{1B/D} receptor agonist; Inflammation neurogenic; Artery basilar (Limmroth, V. (382) 103)

Monophosphoryl lipid-A

Bacterial endotoxin; Ventricular arrhythmias; Ischaemia; Reperfusion; Nitric oxide (NO); Aminoguanidine; Meclofenamate (Végh, Á. (382) 81)

Monte Carlo simulation

Muscarinic receptor; Transient response; Ca²⁺ mobilization; Kinetics; Antagonism; Insurmountable (Christopoulos, A. (382) 217)

Muscarinic receptor

Transient response; Ca²⁺ mobilization; Monte Carlo simulation; Kinetics; Antagonism; Insurmountable (Christopoulos, A. (382) 217)

Myocardial stunning

Enalapril; BIBR-277; Hoe-140 (Nakai, T. (382) 187)

Myocardium

Ischemia; Electrophysiology; Conduction; Prostaglandin; Cicletanine; Terfenadine (Criniti, A. (382) 197)

Myocyte

Adrenomedullin; Fibroblast; Hypertrophy; Proliferation; cAMP (Horio, T. (382) 1)

Nerve terminal

Suramin; β -Bungarotoxin; Transmitter release (Lin-Shiau, S.-Y. (382) 75)

Nicotine

Alzheimer's disease; β -amyloid protein; Hippocampus; Learning; Memory; Long-term potentiation (Itoh, A. (382) 167)

Nitric oxide (NO)

Aging; Angiotensin II; Endothelial function; Prostacyclin; Rat (Ishihata, A. (382) 19)

Bacterial endotoxin; Monophosphoryl lipid-A; Ventricular arrhythmias; Ischaemia; Reperfusion; Aminoguanidine; Meclofenamate (Végh, Á. (382) 81)

Nitric oxide (NO)-releasing compound; Adhesion; CD11/CD18 (Kosonen, O. (382) 111)

Anxiety; Ultrasonic vocalization; Locomotion; (Rat pup) (Podhorna, J. (382) 143)

Nitric oxide (NO)-releasing compound

Nitric oxide (NO); Adhesion; CD11/CD18 (Kosonen, O. (382) 111)

Oxidative stress

Anticancer drug; Malondialdehyde; G protein-coupled receptor (Bhat, S.G. (382) 35)

Pacemaker cell

β -adrenoceptor; Catecholamine; Isoproterenol; Heart rate (Whalen, E.J. (382) 207)

***p*-Chlorophenylalanine**

Fluoxetine; Fluvoxamine; 5-HT (5-hydroxytryptamine, serotonin); Selective serotonin reuptake inhibitor; Maprotiline; Hyperglycemia; Insulin; (Mouse) (Yamada, J. (382) 211)

Pineal gland

Microdialysis; Entrainment; Melatonin receptor agonist; Amplitude (Drijfhout, W.J. (382) 157)

Proliferation

Adrenomedullin; Myocyte; Fibroblast; Hypertrophy; cAMP (Horio, T. (382) 1)

Prostacyclin

Aging; Angiotensin II; Endothelial function; Nitric oxide (NO); Rat (Ishihata, A. (382) 19)

Prostaglandin

Myocardium; Ischemia; Electrophysiology; Conduction; Cicletanine; Terfenadine (Criniti, A. (382) 197)

Rat

Aging; Angiotensin II; Endothelial function; Nitric oxide (NO); Prostacyclin (Ishihata, A. (382) 19)

Relaxation

Cyclic GMP; Guanylyl cyclase, soluble; BK_{Ca} channel; Smooth muscle, vascular (Seitz, S. (382) 11)

Aortic ring, rat; Cyclonucleotide; Hypertonicity; Isoprenaline; Methacholine (Tabrizchi, R. (382) 177)

Reperfusion

Bacterial endotoxin; Monophosphoryl lipid-A; Ventricular arrhythmias; Ischaemia; Nitric oxide (NO); Aminoguanidine; Meclofenamate (Végh, Á. (382) 81)

Ryanodine receptor

Ca²⁺ release; Sarcoplasmic reticulum; Gramine derivatives; Caffeine (Nakahata, N. (382) 129)

Sarcoplasmic reticulum

Ca²⁺ release; Ryanodine receptor; Gramine derivatives; Caffeine (Nakahata, N. (382) 129)

Selective serotonin reuptake inhibitor

Fluoxetine; Fluvoxamine; 5-HT (5-hydroxytryptamine, serotonin); Maprotiline; Hyperglycemia; Insulin; *p*-Chlorophenylalanine; (Mouse) (Yamada, J. (382) 211)

[³⁵S]GTP γ S, agonist-induced

Haloperidol; Dopamine D₂ receptor density; G-protein coupling; Catalepsy (Geurts, M. (382) 119)

Smooth muscle, vascular

Relaxation; Cyclic GMP; Guanylyl cyclase, soluble; BK_{Ca} channel (Seitz, S. (382) 11)

Spatial navigation

Hippocampus; Apamin; K⁺ channel, Ca²⁺-dependent; Learning; Memory; (Mouse) (Ikonen, S. (382) 151)

Striatum

Glutamate; Haloperidol; Transport; Synaptosome (De Souza, I.E.J. (382) 139)

Suramin

β -Bungarotoxin; Nerve terminal; Transmitter release (Lin-Shiau,, S.-Y. (382) 75)

Synaptosome

Glutamate; Haloperidol; Transport; Striatum (De Souza, I.E.J. (382) 139)

Terfenadine

Myocardium; Ischemia; Electrophysiology; Conduction; Prostaglandin; Cicletanine (Criniti, A. (382) 197)

Time course

Cocaine discrimination; Generalization gradient; Lever press; (Rat, male); (Rat, female) (Anderson, K.G. (382) 69)

Transient response

Muscarinic receptor; Ca^{2+} mobilization; Monte Carlo simulation; Kinetics; Antagonism; Insurmountable (Christopoulos, A. (382) 217)

Transmitter release

Suramin; β -Bungarotoxin; Nerve terminal (Lin-Shiau,, S.-Y. (382) 75)

Transport

Glutamate; Haloperidol; Striatum; Synaptosome (De Souza, I.E.J. (382) 139)

Transporter

Amphetamine; Cocaine; Methylphenidate; Fenfluramine (Fleckenstein, A.E. (382) 45)

Ultrasonic vocalization

Dopamine; Activity, Infant rat (Dastur, F.N. (382) 53)

Nitric oxide (NO); Anxiety; Locomotion; (Rat pup) (Podhorna, J. (382) 143)

Vasoactivity

Bradykinin; Alzheimer's disease; Amyloid β -(1–40); Endothelial cells cultured; cGMP (Wirth, K.J. (382) 27)

Ventricular arrhythmias

Bacterial endotoxin; Monophosphoryl lipid-A; Ischaemia; Reperfusion; Nitric oxide (NO); Aminoguanidine; Meclofenamate (Végh, Á. (382) 81)