

Keyword index

Acetylcholine

Stress; Corticosterone; Benzodiazepine; Buspirone; Hippocampus; Microdialysis (Degroot, A. (493) 103)

Adaptation

Stress; NO (Nitric oxide); Elevated plus maze (Masood, A. (493) 111)

Adiponectin

Resistin; Hypothalamus; Dopamine; Norepinephrine; Serotonin (Brunetti, L. (493) 41)

Adrenoceptor

Hyperthyroidism, acute; Muscarinic receptor; Renal artery; Femoral artery (Iwata, T. (493) 191)

Amino acid

Vitamin B₂; Mortality; Macrophages; Sepsis (Toyosawa, T. (493) 177)

Anandamide

17 β -Oestradiol; Vasorelaxation; Sex difference; (Sprague–Dawley rat) (Peroni, R.N. (493) 151)

Angiotensinogen-deficient mice

Renin angiotensin system; Cardiac function; Cardiomyopathy; Pressure–volume relation (Walther, T. (493) 161)

Antiarrhythmic agent

HERG; I_{Kr} ; QT prolongation; Reverse frequency dependence (Tsujiama, K. (493) 29)

Antidepressant

5-HT autoreceptor; 5-HT_{1B} receptor; 5-HT_{1D} receptor; Neurotransmitter release; Selective serotonin re-uptake inhibitor (Pullar, I.A. (493) 85)

Antipsychotic

Aripiprazole; Dopamine; Serotonin; Prefrontal cortex; Hippocampus (Li, Z. (493) 75)

Apoptosis

Sigma receptor; Lipid raft; Sphingolipid; Liver, rat (Gebreselassie, D. (493) 19)

Aripiprazole

Antipsychotic; Dopamine; Serotonin; Prefrontal cortex; Hippocampus (Li, Z. (493) 75)

Arthritis

Δ^9 -THC; Dynorphin A (Cox, M.L. (493) 65)

ATP

Receptor subtype; Vascular relaxation; Cholinergic agonist; SIN-1 (Khurana, S. (493) 127)

Avermectins

Calcein; Multidrug resistance; Rhodamine 123; Tumor cells (Korystov, Y.N. (493) 57)

Benzodiazepine

Stress; Acetylcholine; Corticosterone; Buspirone; Hippocampus; Microdialysis (Degroot, A. (493) 103)

Buspirone

Stress; Acetylcholine; Corticosterone; Benzodiazepine; Hippocampus; Microdialysis (Degroot, A. (493) 103)

Ca²⁺

Cyclooxygenase-2; Oxygen-glucose deprivation; NMDA; Primary cortical culture; Excitotoxicity (Gendron, T.F. (493) 45)

Calcein

Avermectins; Multidrug resistance; Rhodamine 123; Tumor cells (Korystov, Y.N. (493) 57)

Cardiac function

Angiotensinogen-deficient mice; Renin angiotensin system; Cardiomyopathy; Pressure–volume relation (Walther, T. (493) 161)

Cardiomyopathy

Angiotensinogen-deficient mice; Renin angiotensin system; Cardiac function; Pressure–volume relation (Walther, T. (493) 161)

c-fos

Urotensin-II; UT receptor; GPR14 (Garlton, J.E. (493) 95)

Cholinergic

Intravital microscopy; Migraine (Kowacs, F. (493) 133)

Cholinergic agonist

Receptor subtype; Vascular relaxation; SIN-1; ATP (Khurana, S. (493) 127)

Chymase inhibitor

Fibrosis; Lung; Transforming growth factor- β (Sakaguchi, M. (493) 173)

Corticosterone

Stress; Acetylcholine; Benzodiazepine; Buspirone; Hippocampus; Microdialysis (Degroot, A. (493) 103)

Cyclooxygenase-2

Oxygen-glucose deprivation; NMDA; Ca²⁺; Primary cortical culture; Excitotoxicity (Gendron, T.F. (493) 45)

Dopamine

Adiponectin; Resistin; Hypothalamus; Norepinephrine; Serotonin (Brunetti, L. (493) 41)

Aripiprazole; Antipsychotic; Serotonin; Prefrontal cortex; Hippocampus (Li, Z. (493) 75)

Dopamine transporters

Self-administration; (Rhesus monkey); Ephedrine; Pseudoephedrine (Wee, S. (493) 117)

Dynorphin A

Arthritis; Δ^9 -THC (Cox, M.L. (493) 65)

Elevated plus maze

Stress; NO (Nitric oxide); Adaptation (Masood, A. (493) 111)

Endothelial function

Simvastatin; Fenofibrate; Type 2 diabetes; Oxidative stress (Škrha, J. (493) 183)

Ephedrine

Self-administration; (Rhesus monkey); Pseudoephedrine; Dopamine transporters (Wee, S. (493) 117)

Excitotoxicity

Cyclooxygenase-2; Oxygen-glucose deprivation; NMDA; Ca^{2+} ; Primary cortical culture (Gendron, T.F. (493) 45)

Femoral artery

Hyperthyroidism, acute; Adrenoceptor; Muscarinic receptor; Renal artery (Iwata, T. (493) 191)

Fenofibrate

Simvastatin; Type 2 diabetes; Oxidative stress; Endothelial function (Škrha, J. (493) 183)

Fibrosis

Chymase inhibitor; Lung; Transforming growth factor- β (Sakaguchi, M. (493) 173)

GPR14

Urotensin-II; UT receptor; *c-fos* (Gartlon, J.E. (493) 95)

5-HT autoreceptor

5-HT_{1B} receptor; 5-HT_{1D} receptor; Neurotransmitter release; Selective serotonin re-uptake inhibitor; Antidepressant (Pullar, I.A. (493) 85)

5-HT_{1B} receptor

5-HT autoreceptor; 5-HT_{1D} receptor; Neurotransmitter release; Selective serotonin re-uptake inhibitor; Antidepressant (Pullar, I.A. (493) 85)

5-HT_{1D} receptor

5-HT autoreceptor; 5-HT_{1B} receptor; Neurotransmitter release; Selective serotonin re-uptake inhibitor; Antidepressant (Pullar, I.A. (493) 85)

Hepatic ischemia–reperfusion

Polymorphonuclear leukocyte; Rho kinase inhibitor; Tumor necrosis factor- α ; Interleukin-6 (Kawaguchi, A. (493) 167)

HERG

Antiarrhythmic agent; I_{Kr} ; QT prolongation; Reverse frequency dependence (Tsujimae, K. (493) 29)

Hippocampal slice culture

Wogonin; Oxygen and glucose deprivation; Neuroprotection (Son, D. (493) 99)

Hippocampus

Aripiprazole; Antipsychotic; Dopamine; Serotonin; Prefrontal cortex (Li, Z. (493) 75)

Stress; Acetylcholine; Corticosterone; Benzodiazepine; Buspirone; Microdialysis (Degroot, A. (493) 103)

Histamine sensitisation

Pertussis toxin; Small mesenteric resistance artery; Nitric oxide synthase (van Meijeren, C.E. (493) 139)

Hyperthyroidism, acute

Adrenoceptor; Muscarinic receptor; Renal artery; Femoral artery (Iwata, T. (493) 191)

Hypothalamus

Adiponectin; Resistin; Dopamine; Norepinephrine; Serotonin (Brunetti, L. (493) 41)

 I_{Kr}

Antiarrhythmic agent; HERG; QT prolongation; Reverse frequency dependence (Tsujimae, K. (493) 29)

Interleukin-6

Hepatic ischemia–reperfusion; Polymorphonuclear leukocyte; Rho kinase inhibitor; Tumor necrosis factor- α (Kawaguchi, A. (493) 167)

Intravital microscopy

Migraine; Cholinergic (Kowacs, F. (493) 133)

Ion channel

Spider; Wasp; Neurotoxin; Receptor; Transporter and Neurotransmitter release (Beleboni, R.O. (493) 1)

Lipid raft

Sigma receptor; Sphingolipid; Apoptosis; Liver, rat (Gebreselassie, D. (493) 19)

Liver, rat

Sigma receptor; Lipid raft; Sphingolipid; Apoptosis (Gebreselassie, D. (493) 19)

Lung

Chymase inhibitor; Fibrosis; Transforming growth factor- β (Sakaguchi, M. (493) 173)

Macrophages

Vitamin B₂; Amino acid; Mortality; Sepsis (Toyosawa, T. (493) 177)

Microdialysis

Stress; Acetylcholine; Corticosterone; Benzodiazepine; Buspirone; Hippocampus (Degroot, A. (493) 103)

Migraine

Intravital microscopy; Cholinergic (Kowacs, F. (493) 133)

Mortality

Vitamin B₂; Amino acid; Macrophages; Sepsis (Toyosawa, T. (493) 177)

Multidrug resistance

Avermectins; Calcein; Rhodamine 123; Tumor cells (Korystov, Y.N. (493) 57)

Muscarinic receptor

Hyperthyroidism, acute; Adrenoceptor; Renal artery; Femoral artery (Iwata, T. (493) 191)

Neuroprotection

Wogonin; Oxygen and glucose deprivation; Hippocampal slice culture (Son, D. (493) 99)

Neurotoxin

Spider; Wasp; Ion channel; Receptor; Transporter and Neurotransmitter release (Beleboni, R.O. (493) 1)

Neurotransmitter release

5-HT autoreceptor; 5-HT_{1B} receptor; 5-HT_{1D} receptor; Selective serotonin re-uptake inhibitor; Antidepressant (Pullar, I.A. (493) 85)

Nitric oxide synthase

Histamine sensitisation; Pertussis toxin; Small mesenteric resistance artery (van Meijeren, C.E. (493) 139)

NMDA

Cyclooxygenase-2; Oxygen-glucose deprivation; Ca^{2+} ; Primary cortical culture; Excitotoxicity (Gendron, T.F. (493) 45)

NO (Nitric oxide)

Stress; Elevated plus maze; Adaptation (Masood, A. (493) 111)

Norepinephrine

Adiponectin; Resistin; Hypothalamus; Dopamine; Serotonin (Brunetti, L. (493) 41)

17 β -Oestradiol

Anandamide; Vasorelaxation; Sex difference; (Sprague–Dawley rat) (Peroni, R.N. (493) 151)

Oxidative stress

Simvastatin; Fenofibrate; Type 2 diabetes; Endothelial function (Škrha, J. (493) 183)

Oxygen and glucose deprivation

Wogonin; Hippocampal slice culture; Neuroprotection (Son, D. (493) 99)

Oxygen-glucose deprivation

Cyclooxygenase-2; NMDA; Ca^{2+} ; Primary cortical culture; Excitotoxicity (Gendron, T.F. (493) 45)

Pertussis toxin

Histamine sensitisation; Small mesenteric resistance artery; Nitric oxide synthase (van Meijeren, C.E. (493) 139)

Polymorphonuclear leukocyte

Hepatic ischemia–reperfusion; Rho kinase inhibitor; Tumor necrosis factor- α ; Interleukin-6 (Kawaguchi, A. (493) 167)

Prefrontal cortex

Aripiprazole; Antipsychotic; Dopamine; Serotonin; Hippocampus (Li, Z. (493) 75)

Pressure–volume relation

Angiotensinogen-deficient mice; Renin angiotensin system; Cardiac function; Cardiomyopathy (Walther, T. (493) 161)

Primary cortical culture

Cyclooxygenase-2; Oxygen-glucose deprivation; NMDA; Ca^{2+} ; Excitotoxicity (Gendron, T.F. (493) 45)

Pseudoephedrine

Self-administration; (Rhesus monkey); Ephedrine; Dopamine transporters (Wee, S. (493) 117)

QT prolongation

Antiarrhythmic agent; HERG; I_{Kr} ; Reverse frequency dependence (Tsujimae, K. (493) 29)

Receptor

Spider; Wasp; Neurotoxin; Ion channel; Transporter and Neurotransmitter release (Beleboni, R.O. (493) 1)

Receptor subtype

Vascular relaxation; Cholinergic agonist; SIN-1; ATP (Khurana, S. (493) 127)

Renal artery

Hyperthyroidism, acute; Adrenoceptor; Muscarinic receptor; Femoral artery (Iwata, T. (493) 191)

Renin angiotensin system

Angiotensinogen-deficient mice; Cardiac function; Cardiomyopathy; Pressure–volume relation (Walther, T. (493) 161)

Resistin

Adiponectin; Hypothalamus; Dopamine; Norepinephrine; Serotonin (Brunetti, L. (493) 41)

Reverse frequency dependence

Antiarrhythmic agent; HERG; I_{Kr} ; QT prolongation (Tsujimae, K. (493) 29)

(Rhesus monkey)

Self-administration; Ephedrine; Pseudoephedrine; Dopamine transporters (Wee, S. (493) 117)

Rhodamine 123

Avermectins; Calcein; Multidrug resistance; Tumor cells (Korystov, Y.N. (493) 57)

Rho kinase inhibitor

Hepatic ischemia–reperfusion; Polymorphonuclear leukocyte; Tumor necrosis factor- α ; Interleukin-6 (Kawaguchi, A. (493) 167)

Selective serotonin re-uptake inhibitor

5-HT autoreceptor; 5-HT_{1B} receptor; 5-HT_{1D} receptor; Neurotransmitter release; Antidepressant (Pullar, I.A. (493) 85)

Self-administration

(Rhesus monkey); Ephedrine; Pseudoephedrine; Dopamine transporters (Wee, S. (493) 117)

Sepsis

Vitamin B₂; Amino acid; Mortality; Macrophages (Toyosawa, T. (493) 177)

Serotonin

Adiponectin; Resistin; Hypothalamus; Dopamine; Norepinephrine (Brunetti, L. (493) 41)

Aripiprazole; Antipsychotic; Dopamine; Prefrontal cortex; Hippocampus (Li, Z. (493) 75)

Sex difference

Anandamide; 17 β -Oestradiol; Vasorelaxation; (Sprague–Dawley rat) (Peroni, R.N. (493) 151)

Sigma receptor

Lipid raft; Sphingolipid; Apoptosis; Liver, rat (Gebreselassie, D. (493) 19)

Simvastatin

Fenofibrate; Type 2 diabetes; Oxidative stress; Endothelial function (Škrha, J. (493) 183)

SIN-1

Receptor subtype; Vascular relaxation; Cholinergic agonist; ATP (Khurana, S. (493) 127)

Small mesenteric resistance artery

Histamine sensitisation; Pertussis toxin; Nitric oxide synthase (van Meijeren, C.E. (493) 139)

Sphingolipid

Sigma receptor; Lipid raft; Apoptosis; Liver, rat (Gebreselassie, D. (493) 19)

Spider

Wasp; Neurotoxin; Ion channel; Receptor; Transporter and Neurotransmitter release (Beleboni, R.O. (493) 1)

(Sprague–Dawley rat)

Anandamide; 17 β -Oestradiol; Vasorelaxation; Sex difference (Peroni, R.N. (493) 151)

Stress

Acetylcholine; Corticosterone; Benzodiazepine; Buspirone; Hippocampus; Microdialysis (Degroot, A. (493) 103)

NO (Nitric oxide); Elevated plus maze; Adaptation (Masood, A. (493) 111)

 Δ^9 -THC

Arthritis; Dynorphin A (Cox, M.L. (493) 65)

Transforming growth factor- β

Chymase inhibitor; Fibrosis; Lung (Sakaguchi, M. (493) 173)

Transporter and Neurotransmitter release

Spider; Wasp; Neurotoxin; Ion channel; Receptor (Beleboni, R.O. (493) 1)

Tumor cells

Avermectins; Calcein; Multidrug resistance; Rhodamine 123 (Korystov, Y.N. (493) 57)

Tumor necrosis factor- α

Hepatic ischemia–reperfusion; Polymorphonuclear leukocyte; Rho kinase inhibitor; Interleukin-6 (Kawaguchi, A. (493) 167)

Type 2 diabetes

Simvastatin; Fenofibrate; Oxidative stress; Endothelial function (Škrha, J. (493) 183)

Urotensin-II

UT receptor; GPR14; *c-fos* (Gartlon, J.E. (493) 95)

UT receptor

Urotensin-II; GPR14; *c-fos* (Gartlon, J.E. (493) 95)

Vascular relaxation

Receptor subtype; Cholinergic agonist; SIN-1; ATP (Khurana, S. (493) 127)

Vasorelaxation

Anandamide; 17β -Oestradiol; Sex difference; (Sprague–Dawley rat) (Peroni, R.N. (493) 151)

Vitamin B₂

Amino acid; Mortality; Macrophages; Sepsis (Toyosawa, T. (493) 177)

Wasp

Spider; Neurotoxin; Ion channel; Receptor; Transporter and Neurotransmitter release (Beleboni, R.O. (493) 1)

Wogonin

Oxygen and glucose deprivation; Hippocampal slice culture; Neuroprotection (Son, D. (493) 99)