

Keyword index

Acamprosate

Reactive oxygen species; Acute ethanol; Acetaldehyde; Microdialysis (Dahchour, A. (520) 51)

Acetaldehyde

Reactive oxygen species; Acute ethanol; Acamprosate; Microdialysis (Dahchour, A. (520) 51)

Acute ethanol

Reactive oxygen species; Acetaldehyde; Acamprosate; Microdialysis (Dahchour, A. (520) 51)

Adenosine antagonist

Adenosine receptor; Adenosine/Dopamine interaction; Dopamine receptor; GABA transmission; Striatopallidal transmission (Floran, B. (520) 43)

Adenosine receptor

Adenosine antagonist; Adenosine/Dopamine interaction; Dopamine receptor; GABA transmission; Striatopallidal transmission (Floran, B. (520) 43)

Adenosine/Dopamine interaction

Adenosine receptor; Adenosine antagonist; Dopamine receptor; GABA transmission; Striatopallidal transmission (Floran, B. (520) 43)

β-adrenoceptor

Angiotensin-converting enzyme; Myocardial hypertrophy; Renin–angiotensin system; Isoproterenol (Oliveira, E.M. (520) 135)

Agonist

JTE-907; Cannabinoid CB₂ receptor; Inverse agonist; Ear swelling (Ueda, Y. (520) 164)

Air pouch model

Cyclooxygenase-2; Inflammation; Carrageenan-induced paw edema; THP-1 cell line (Yin, L.-L. (520) 172)

Airway edema

Bronchial asthma; Bronchoconstriction; Lysophosphatidylcholine; (Guinea pig) (Nobata, K. (520) 150)

Albumin

Reticular stress; Apoptosis; Mitochondria; Neuroprotection (Gallego-Sandín, S. (520) 1)

Alvimopan

N-methylnaltrexone; Opioid receptor; Opioid antagonist; Kinetics (Cassel, J.A. (520) 29)

β-Amyloid protein

5-HT₃ receptor antagonist; MDL72222; Y25130; 5-HT₃ receptor; Neurotoxicity; Cortical neuron; Neuroprotection (Ju Yeon Ban (520) 12)

Angiotensin AT₁ receptor antagonist

Diabetes mellitus; Endothelial dysfunction; NAD(P)H oxidase; Oxygen radical; Beta 1-adrenoceptor antagonist (Dorenkamp, M. (520) 179)

Angiotensin II

Eicosanoid; Nitric oxide; Cyclooxygenase; Cytochrome P₄₅₀ epoxygenase; TXA₂/PGH₂ receptor (Jerez, S. (520) 127)

Angiotensin-converting enzyme

Myocardial hypertrophy; Renin–angiotensin system; Isoproterenol; β-adrenoceptor (Oliveira, E.M. (520) 135)

Antidepressant

Tail suspension test; Sulpiride; Fluvoxamine; WAY100635 (Ago, Y. (520) 86)

Antipsychotic drug

Substantia nigra; Ventral tegmental area; Serotonin; Extracellular recording (Olijslagers, J.E. (520) 77)

Apoptosis

Reticular stress; Mitochondria; Albumin; Neuroprotection (Gallego-Sandín, S. (520) 1)

Auditory evoked potential

Serotonin; Selective serotonin reuptake inhibitor; Auditory measure; Transient evoked emission; SCAN-A (Gopal, K.V. (520) 59)

Auditory measure

Serotonin; Selective serotonin reuptake inhibitor; Transient evoked emission; Auditory evoked potential; SCAN-A (Gopal, K.V. (520) 59)

Beta 1-adrenoceptor antagonist

Diabetes mellitus; Endothelial dysfunction; NAD(P)H oxidase; Oxygen radical; Angiotensin AT₁ receptor antagonist (Dorenkamp, M. (520) 179)

Binding

Levetiracetam; SV2A; Rat spinal cord (Lambeng, N. (520) 70)

Bronchial asthma

Airway edema; Bronchoconstriction; Lysophosphatidylcholine; (Guinea pig) (Nobata, K. (520) 150)

Bronchoconstriction

Airway edema; Bronchial asthma; Lysophosphatidylcholine; (Guinea pig) (Nobata, K. (520) 150)

Cannabinoid CB₂ receptor

JTE-907; Inverse agonist; Agonist; Ear swelling (Ueda, Y. (520) 164)

Carrageenan-induced paw edema

Cyclooxygenase-2; Inflammation; Air pouch model; THP-1 cell line (Yin, L.-L. (520) 172)

Clomipramine

Stressor; Electric foot-shock; Corticosterone; Depression; Gender; Forced swim test (Consoli, D. (520) 100)

Cortical neuron

5-HT₃ receptor antagonist; MDL72222; Y25130; 5-HT₃ receptor; β -Amyloid protein; Neurotoxicity; Neuroprotection (Ju Yeon Ban (520) 12)

Corticosterone

Stressor; Electric foot-shock; Clomipramine; Depression; Gender; Forced swim test (Consoli, D. (520) 100)

Cyclic AMP

Isoprostane; K⁺ channel; Protein kinase A; Rho/Rho-kinase (Zhang, Y. (520) 22)

Cyclooxygenase

Angiotensin II; Eicosanoid; Nitric oxide; Cytochrome *P*₄₅₀ epoxigenase; TXA₂/PGH₂ receptor (Jerez, S. (520) 127)

Cyclooxygenase-2

Inflammation; Carrageenan-induced paw edema; Air pouch model; THP-1 cell line (Yin, L.-L. (520) 172)

Cytochrome *P*₄₅₀ epoxigenase

Angiotensin II; Eicosanoid; Nitric oxide; Cyclooxygenase; TXA₂/PGH₂ receptor (Jerez, S. (520) 127)

Depression

Stressor; Electric foot-shock; Corticosterone; Clomipramine; Gender; Forced swim test (Consoli, D. (520) 100)

Diabetes mellitus

Endothelial dysfunction; NAD(P)H oxidase; Oxygen radical; Beta 1-adrenoceptor antagonist; Angiotensin AT₁ receptor antagonist (Dorenkamp, M. (520) 179)

Dopamine

Milnacipran; In vivo microdialysis; Noradrenaline; Serotonin (Kitaichi, Y. (520) 37)

Dopamine receptor

Adenosine receptor; Adenosine antagonist; Adenosine/Dopamine interaction; GABA transmission; Striatopallidal transmission (Floran, B. (520) 43)

Ear swelling

JTE-907; Cannabinoid CB₂ receptor; Inverse agonist; Agonist (Ueda, Y. (520) 164)

Eicosanoid

Angiotensin II; Nitric oxide; Cyclooxygenase; Cytochrome *P*₄₅₀ epoxigenase; TXA₂/PGH₂ receptor (Jerez, S. (520) 127)

Electric foot-shock

Stressor; Corticosterone; Clomipramine; Depression; Gender; Forced swim test (Consoli, D. (520) 100)

Endothelial dysfunction

Diabetes mellitus; NAD(P)H oxidase; Oxygen radical; Beta 1-adrenoceptor antagonist; Angiotensin AT₁ receptor antagonist (Dorenkamp, M. (520) 179)

17 β -Estradiol

Estrogen; Vascular smooth muscle (Egami, R. (520) 142)

Estrogen

17 β -Estradiol; Vascular smooth muscle (Egami, R. (520) 142)

Extracellular recording

Substantia nigra; Ventral tegmental area; Serotonin; Antipsychotic drug (Olijslagers, J.E. (520) 77)

Fluvoxamine

Tail suspension test; Sulpiride; Antidepressant; WAY100635 (Ago, Y. (520) 83)

Forced swim test

Stressor; Electric foot-shock; Corticosterone; Clomipramine; Depression; Gender (Consoli, D. (520) 100)

GABA transmission

Adenosine receptor; Adenosine antagonist; Adenosine/Dopamine interaction; Dopamine receptor; Striatopallidal transmission (Floran, B. (520) 42)

Gender

Stressor; Electric foot-shock; Corticosterone; Clomipramine; Depression; Forced swim test (Consoli, D. (520) 100)

Glucose

Muscimol; Pyruvate; Metabolism; Spontaneous alternation; Shock avoidance; Hippocampus (Krebs, D.L. (520) 91)

(Guinea pig)

Airway edema; Bronchial asthma; Bronchoconstriction; Lysophosphatidylcholine (Nobata, K. (520) 150)

Hippocampus

Muscimol; Pyruvate; Glucose; Metabolism; Spontaneous alternation; Shock avoidance (Krebs, D.L. (520) 91)

5-HT₃ receptor

5-HT₃ receptor antagonist; MDL72222; Y25130; β -Amyloid protein; Neurotoxicity; Cortical neuron; Neuroprotection (Ju Yeon Ban (520) 12)

5-HT₃ receptor antagonist

MDL72222; Y25130; 5-HT₃ receptor; β -Amyloid protein; Neurotoxicity; Cortical neuron; Neuroprotection (Ju Yeon Ban (520) 12)

In vivo microdialysis

Milnacipran; Noradrenaline; Dopamine; Serotonin (Kitaichi, Y. (520) 37)

Inflammation

Cyclooxygenase-2; Carrageenan-induced paw edema; Air pouch model; THP-1 cell line (Yin, L.-L. (520) 172)

Inotropic effect

Neurotensin; Ventricular contractility (Osadchii, O. (520) 108)

Intimal hyperplasia

Leukocyte; Neutrophil; Selectin; Phytic acid (Shimazawa, M. (520) 156)

Inverse agonist

JTE-907; Cannabinoid CB₂ receptor; Agonist; Ear swelling (Ueda, Y. (520) 164)

Isoprostane

K⁺ channel; Cyclic AMP; Protein kinase A; Rho/Rho-kinase (Zhang, Y. (520) 22)

Isoproterenol

Angiotensin-converting enzyme; Myocardial hypertrophy; Renin-angiotensin system; β -adrenoceptor (Oliveira, E.M. (520) 135)

JTE-907

Cannabinoid CB₂ receptor; Inverse agonist; Agonist; Ear swelling (Ueda, Y. (520) 164)

K⁺ channel

Isoprostane; Cyclic AMP; Protein kinase A; Rho/Rho-kinase (Zhang, Y. (520) 22)

Kinetics

Alvimopan; *N*-methylnaltrexone; Opioid receptor; Opioid antagonist (Cassel, J.A. (520) 29)

Leukocyte

L-selectin; Platelet; P-selectin; Restenosis; Sulfatide; Thrombosis (Shimazawa, M. (520) 118)

Neutrophil; Intimal hyperplasia; Selectin; Phytic acid (Shimazawa, M. (520) 156)

Levetiracetam

SV2A; Rat spinal cord; Binding (Lambeng, N. (520) 70)

L-selectin

Leukocyte; Platelet; P-selectin; Restenosis; Sulfatide; Thrombosis (Shimazawa, M. (520) 118)

Lysophosphatidylcholine

Airway edema; Bronchial asthma; Bronchoconstriction; (Guinea pig) (Nobata, K. (520) 150)

MDL72222

5-HT₃ receptor antagonist; Y25130; 5-HT₃ receptor; β -Amyloid protein; Neurotoxicity; Cortical neuron; Neuroprotection (Ju Yeon Ban (520) 12)

Metabolism

Muscimol; Pyruvate; Glucose; Spontaneous alternation; Shock avoidance; Hippocampus (Krebs, D.L. (520) 91)

Microdialysis

Reactive oxygen species; Acute ethanol; Acetaldehyde; Acamprosate (Dahchour, A. (520) 51)

Milnacipran

In vivo microdialysis; Noradrenaline; Dopamine; Serotonin (Kitaichi, Y. (520) 37)

Mitochondria

Reticular stress; Apoptosis; Albumin; Neuroprotection (Gallego-Sandín, S. (520) 1)

Muscimol

Pyruvate; Glucose; Metabolism; Spontaneous alternation; Shock avoidance; Hippocampus (Krebs, D.L. (520) 91)

Myocardial hypertrophy

Angiotensin-converting enzyme; Renin-angiotensin system; Isoproterenol; β -adrenoceptor (Oliveira, E.M. (520) 135)

NAD(P)H oxidase

Diabetes mellitus; Endothelial dysfunction; Oxygen radical; Beta 1-adrenoceptor antagonist; Angiotensin AT₁ receptor antagonist (Dorenkamp, M. (520) 179)

Neuroprotection

Reticular stress; Apoptosis; Mitochondria; Albumin (Gallego-Sandín, S. (520) 1)

5-HT₃ receptor antagonist; MDL72222; Y25130; 5-HT₃ receptor; β -Amyloid protein; Neurotoxicity; Cortical neuron (Ju Yeon Ban (520) 12)

Neurotensin

Ventricular contractility; Inotropic effect (Osadchii, O. (520) 108)

Neurotoxicity

5-HT₃ receptor antagonist; MDL72222; Y25130; 5-HT₃ receptor; β -Amyloid protein; Cortical neuron; Neuroprotection (Ju Yeon Ban (520) 12)

Neutrophil

Leukocyte; Intimal hyperplasia; Selectin; Phytic acid (Shimazawa, M. (520) 156)

Nitric oxide

Angiotensin II; Eicosanoid; Cyclooxygenase; Cytochrome *P*₄₅₀ epoxygenase; TXA₂/PGH₂ receptor (Jerez, S. (520) 127)

***N*-methylnaltrexone**

Alvimopan; Opioid receptor; Opioid antagonist; Kinetics (Cassel, J.A. (520) 29)

Noradrenaline

Milnacipran; In vivo microdialysis; Dopamine; Serotonin (Kitaichi, Y. (520) 37)

Opioid antagonist

Alvimopan; *N*-methylnaltrexone; Opioid receptor; Kinetics (Cassel, J.A. (520) 29)

Opioid receptor

Alvimopan; *N*-methylnaltrexone; Opioid antagonist; Kinetics (Cassel, J.A. (520) 29)

Oxygen radical

Diabetes mellitus; Endothelial dysfunction; NAD(P)H oxidase; Beta 1-adrenoceptor antagonist; Angiotensin AT₁ receptor antagonist (Dorenkamp, M. (520) 179)

Phytic acid

Leukocyte; Neutrophil; Intimal hyperplasia; Selectin (Shimazawa, M. (520) 156)

Platelet

Leukocyte; L-selectin; P-selectin; Restenosis; Sulfatide; Thrombosis (Shimazawa, M. (520) 118)

Protein kinase A

Isoprostane; K⁺ channel; Cyclic AMP; Rho/Rho-kinase (Zhang, Y. (520) 22)

P-selectin

Leukocyte; L-selectin; Platelet; Restenosis; Sulfatide; Thrombosis (Shimazawa, M. (520) 118)

Pyruvate

Muscimol; Glucose; Metabolism; Spontaneous alternation; Shock avoidance; Hippocampus (Krebs, D.L. (520) 91)

Rat spinal cord

Levetiracetam; SV2A; Binding (Lambeng, N. (520) 70)

Reactive oxygen species

Acute ethanol; Acetaldehyde; Acamprosate; Microdialysis (Dahchour, A. (520) 51)

Renin–angiotensin system

Angiotensin-converting enzyme; Myocardial hypertrophy; Isoproterenol; β -adrenoceptor (Oliveira, E.M. (520) 135)

Restenosis

Leukocyte; L-selectin; Platelet; P-selectin; Sulfatide; Thrombosis (Shimazawa, M. (520) 118)

Reticular stress

Apoptosis; Mitochondria; Albumin; Neuroprotection (Gallego-Sandín, S. (520) 1)

Rho/Rho-kinase

Isoprostan; K^+ channel; Cyclic AMP; Protein kinase A (Zhang, Y. (520) 22)

SCAN-A

Serotonin; Selective serotonin reuptake inhibitor; Auditory measure; Transient evoked emission; Auditory evoked potential (Gopal, K.V. (520) 59)

Selectin

Leukocyte; Neutrophil; Intimal hyperplasia; Phytic acid (Shimazawa, M. (520) 156)

Selective serotonin reuptake inhibitor

Serotonin; Auditory measure; Transient evoked emission; Auditory evoked potential; SCAN-A (Gopal, K.V. (520) 59)

Serotonin

Milnacipran; In vivo microdialysis; Noradrenaline; Dopamine (Kitaichi, Y. (520) 37)

Selective serotonin reuptake inhibitor; Auditory measure; Transient evoked emission; Auditory evoked potential; SCAN-A (Gopal, K.V. (520) 59)

Substantia nigra; Ventral tegmental area; Extracellular recording; Antipsychotic drug (Olijslagers, J.E. (520) 77)

Shock avoidance

Muscimol; Pyruvate; Glucose; Metabolism; Spontaneous alternation; Hippocampus (Krebs, D.L. (520) 91)

Spontaneous alternation

Muscimol; Pyruvate; Glucose; Metabolism; Shock avoidance; Hippocampus (Krebs, D.L. (520) 91)

Stressor

Electric foot-shock; Corticosterone; Clomipramine; Depression; Gender; Forced swim test (Consoli, D. (520) 100)

Striatopallidal transmission

Adenosine receptor; Adenosine antagonist; Adenosine/Dopamine interaction; Dopamine receptor; GABA transmission (Floran, B. (520) 43)

Substantia nigra

Ventral tegmental area; Serotonin; Extracellular recording; Antipsychotic drug (Olijslagers, J.E. (520) 77)

Sulfatide

Leukocyte; L-selectin; Platelet; P-selectin; Restenosis; Thrombosis (Shimazawa, M. (520) 118)

Sulpiride

Tail suspension test; Fluvoxamine; Antidepressant; WAY100635 (Ago, Y. (520) 86)

SV2A

Levetiracetam; Rat spinal cord; Binding (Lambeng, N. (520) 70)

Tail suspension test

Sulpiride; Fluvoxamine; Antidepressant; WAY100635 (Ago, Y. (520) 86)

THP-1 cell line

Cyclooxygenase-2; Inflammation; Carrageenan-induced paw edema; Air pouch model (Yin, L.-L. (520) 172)

Thrombosis

Leukocyte; L-selectin; Platelet; P-selectin; Restenosis; Sulfatide (Shimazawa, M. (520) 118)

Transient evoked emission

Serotonin; Selective serotonin reuptake inhibitor; Auditory measure; Auditory evoked potential; SCAN-A (Gopal, K.V. (520) 59)

TXA₂/PGH₂ receptor

Angiotensin II; Eicosanoid; Nitric oxide; Cyclooxygenase; Cytochrome *P*₄₅₀ epoxigenase (Jerez, S. (520) 127)

Vascular smooth muscle

17 β -Estradiol; Estrogen (Egami, R. (520) 142)

Ventral tegmental area

Substantia nigra; Serotonin; Extracellular recording; Antipsychotic drug (Olijslagers, J.E. (520) 77)

Ventricular contractility

Neurotensin; Inotropic effect (Osadchii, O. (520) 108)

WAY100635

Tail suspension test; Sulpiride; Fluvoxamine; Antidepressant (Ago, Y. (520) 86)

Y25130

5-HT₃ receptor antagonist; MDL72222; 5-HT₃ receptor; β -Amyloid protein; Neurotoxicity; Cortical neuron; Neuroprotection (Ju Yeon Ban (520) 12)