

Keyword index

Acetylcholine

Pralidoxime derivative; Sedative effect; Soman poisoning; Anticonvulsant effect; Non-reactivation effect (Loke, W.-K. (521) 59)

Acetylcholinesterase inhibitor

Caffeic acid phenethyl ester; Gastric acid secretion; Stomach (Borrelli, F. (521) 139)

(+)-Amphetamine

(+)-Methamphetamine; Monoclonal antibody; (Rat) (Byrnes-Blake, K.A. (521) 86)

Analgesia

Nicotine; Nicotinic antagonists; Drug discrimination (Damaj, M.I. (521) 43)

Anticonvulsant effect

Pralidoxime derivative; Sedative effect; Soman poisoning; Acetylcholine; Non-reactivation effect (Loke, W.-K. (521) 59)

Anti-inflammation

Aromatic diamine compound; Inducible nitric oxide synthase; Nuclear factor- κ B; Macrophages (Shin, H.-M. (521) 1)

Aromatic diamine compound

Inducible nitric oxide synthase; Nuclear factor- κ B; Anti-inflammation; Macrophages (Shin, H.-M. (521) 1)

Asthma

Late phase response; Mast cell; Inflammation; Corticosteroid; Cytokine (Nabe, T. (521) 144)

Caffeic acid phenethyl ester

Acetylcholinesterase inhibitor; Gastric acid secretion; Stomach (Borrelli, F. (521) 139)

Calcium-calmodulin

Hyperpolarization-activated channel; cAMP; Sino-atrial (Chatelier, A. (521) 29)

cAMP

Calcium-calmodulin; Hyperpolarization-activated channel; Sino-atrial (Chatelier, A. (521) 29)

Capsaicin

Ethosuximide; T-type Ca^{2+} channel; Central sensitization; Pentylentetrazol; Formalin (Barton, M.E. (521) 79)

Central sensitization

Ethosuximide; T-type Ca^{2+} channel; Pentylentetrazol; Capsaicin; Formalin (Barton, M.E. (521) 79)

Cerebral artery

Sildenafil; Phosphodiesterase 5; Human; Migraine (Kruuse, C. (521) 105)

Cerebral cortex

Serotonin; 5-HT_{1A} receptor; G protein; [³⁵S]GTP γ S binding (Odagaki, Y. (521) 49)

c-Fos

Nitric oxide synthase; Pain; Plasticity; Spinal cord (Pilyavskii, A.I. (521) 70)

cGMP

Dephostatin; GEA 3175; Nitric oxide; Protein phosphorylation; Relaxation; SNAP (Persson, A.A. (521) 124)

Ciglitazone

Peroxisome proliferator-activated receptor γ ; Cycteinyll-leukotrienes; Mast cell; Independence (Okuyama, K. (521) 21)

Corticosteroid

Asthma; Late phase response; Mast cell; Inflammation; Cytokine (Nabe, T. (521) 144)

Cycteinyll-leukotrienes

Ciglitazone; Peroxisome proliferator-activated receptor γ ; Mast cell; Independence (Okuyama, K. (521) 21)

Cytokine

Asthma; Late phase response; Mast cell; Inflammation; Corticosteroid (Nabe, T. (521) 144)

Dephostatin

cGMP; GEA 3175; Nitric oxide; Protein phosphorylation; Relaxation; SNAP (Persson, A.A. (521) 124)

Dipeptidyl peptidase-4

Insulin secretion; Glucose tolerance; Vildagliptin; (Mice) (Ahrén, B. (521) 164)

Drug discrimination

Nicotine; Nicotinic antagonists; Analgesia (Damaj, M.I. (521) 43)

Dyskinesia

GABA (γ -aminobutyric acid); Movement disorder (Kreil, A. (521) 95)

Electrophysiology

Pain; Sensory neuron (Gerevich, Z. (521) 34)

Endothelial dysfunction

High-fat diet; Vascular contractility; Fenofibrate; Hypertriglycerideamia (Naderali, E.K. (521) 99)

Ethosuximide

T-type Ca²⁺ channel; Central sensitization; Pentylentetrazol; Capsaicin; Formalin (Barton, M.E. (521) 79)

Fenofibrate

High-fat diet; Vascular contractility; Endothelial dysfunction; Hypertriglycerideamia (Naderali, E.K. (521) 99)

FLIPR® Membrane Potential Assay

Glycine receptor; High throughput screening (Jensen, A.A. (521) 39)

Formalin

Ethosuximide; T-type Ca²⁺ channel; Central sensitization; Pentylentetrazol; Capsaicin (Barton, M.E. (521) 79)

G protein

Serotonin; 5-HT_{1A} receptor; [³⁵S]GTPγS binding; Cerebral cortex (Odagaki, Y. (521) 49)

GABA (γ-aminobutyric acid)

Movement disorder; Dyskinesia (Kreil, A. (521) 95)

Gastric acid secretion

Caffeic acid phenethyl ester; Acetylcholinesterase inhibitor; Stomach (Borrelli, F. (521) 139)

GEA 3175

Dephostatin; cGMP; Nitric oxide; Protein phosphorylation; Relaxation; SNAP (Persson, A.A. (521) 124)

Glucose tolerance

Dipeptidyl peptidase-4; Insulin secretion; Vildagliptin; (Mice) (Ahrén, B. (521) 164)

Glycine receptor

FLIPR® Membrane Potential Assay; High throughput screening (Jensen, A.A. (521) 39)

Heme oxygenase-1

Quercetin; Inducible nitric oxide synthase; Nuclear factor-κB; Signal transducer and activator of transcription-1; Microglia (Chen, J.-C. (521) 9)

High-fat diet

Vascular contractility; Endothelial dysfunction; Fenofibrate; Hypertriglycerideamia (Naderali, E.K. (521) 99)

High throughput screening

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5-HT_{1A} receptor

Serotonin; G protein; [³⁵S]GTPγS binding; Cerebral cortex (Odagaki, Y. (521) 49)

5-HT_{2A} receptor

Serotonin; Pancreatitis; R-102444; R-96544 (Ogawa, T. (521) 156)

Human

Sildenafil; Cerebral artery; Phosphodiesterase 5; Migraine (Kruuse, C. (521) 105)

Hyperpolarization-activated channel

Calcium-calmodulin; cAMP; Sino-atrial (Chatelier, A. (521) 29)

Hypertriglycerideamia

High-fat diet; Vascular contractility; Endothelial dysfunction; Fenofibrate (Naderali, E.K. (521) 99)

Independence

Ciglitazone; Peroxisome proliferator-activated receptor γ; Cycteinyll leukotrienes; Mast cell (Okuyama, K. (521) 21)

Inducible nitric oxide synthase

Aromatic diamine compound; Nuclear factor-κB; Anti-inflammation; Macrophages (Shin, H.-M. (521) 1)

Quercetin; Nuclear factor-κB; Signal transducer and activator of transcription-1; Heme oxygenase-1; Microglia (Chen, J.-C. (521) 9)

Inflammation

Asthma; Late phase response; Mast cell; Corticosteroid; Cytokine (Nabe, T. (521) 144)

Inositol 1,4,5-triphosphate

PACAP-27 (pituitary adenylate cyclase activating peptide); Phospholipase C; Mouse ileum; Muscular inhibition (Zizzo, M.G. (521) 133)

Insulin secretion

Dipeptidyl peptidase-4; Glucose tolerance; Vildagliptin; (Mice) (Ahrén, B. (521) 164)

Ischemic preconditioning

Na⁺/H⁺ exchange; Myocardial ischemia and reperfusion injury (Yamada, K. (521) 115)

Late phase response

Asthma; Mast cell; Inflammation; Corticosteroid; Cytokine (Nabe, T. (521) 144)

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Quercetin; Inducible nitric oxide synthase; Nuclear factor-κB; Signal transducer and activator of transcription-1; Heme oxygenase-1 (Chen, J.-C. (521) 9)

Migraine

Sildenafil; Cerebral artery; Phosphodiesterase 5; Human (Kruuse, C. (521) 105)

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Nitric oxide synthase

c-Fos; Pain; Plasticity; Spinal cord (Pilyavskii, A.I. (521) 70)

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Sensory neuron; Electrophysiology (Gerevich, Z. (521) 34)

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Pancreatitis

5-HT_{2A} receptor; Serotonin; R-102444; R-96544 (Ogawa, T. (521) 156)

Pentylentetrazol

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