

Keyword index

ACEA-1021

Morphine; Antinociception; NMDA receptor antagonist; D-CPPene (SDZ EAA 494); Memantine; MRZ 2/579; MRZ 2/576 (Belozertseva, I.V. (396) 77)

Acetylcholine release

Trachea; Tachykinin NK₂ receptor; [β Ala⁸]Neurokinin A-(4–10); SR 48968 (D'Agostino, G. (396) 29)

α_1 -Adrenoceptor

GEPR (genetically epilepsy-prone rat); Electroshock; Convulsion; β -Adrenoceptor; Receptor regulation (Seo, D.O. (396) 53)

α_{1a} -Adrenoceptor

α_{1b} -Adrenoceptor; α_{1d} -Adrenoceptor; Rabbit; Molecular cloning; Pharmacology; Tissue distribution (Piao, H. (396) 9)

α_{1b} -Adrenoceptor

α_{1a} -Adrenoceptor; α_{1d} -Adrenoceptor; Rabbit; Molecular cloning; Pharmacology; Tissue distribution (Piao, H. (396) 9)

α_{1d} -Adrenoceptor

α_{1a} -Adrenoceptor; α_{1b} -Adrenoceptor; Rabbit; Molecular cloning; Pharmacology; Tissue distribution (Piao, H. (396) 9)

α_{2B} -Adrenoceptor

Gastroprotection; Clonidine; Opioid receptor (Gyires, K. (396) 131)

β -Adrenoceptor

GEPR (genetically epilepsy-prone rat); Electroshock; Convulsion; α_1 -Adrenoceptor; Receptor regulation (Seo, D.O. (396) 53)

Afferent

Cannabinoid; Capsaicin; Neuron; Pain; Receptor; Sensory; Vasodilation (Zygmunt, P.M. (396) 39)

[β Ala⁸]Neurokinin A-(4–10)

Trachea; Acetylcholine release; Tachykinin NK₂ receptor; SR 48968 (D'Agostino, G. (396) 29)

Aminoguanidine

Concanavalin A; Hepatitis (Okamoto, T. (396) 125)

Anandamide

Cannabinoid CB₁ receptor; Cannabinoid CB₂ receptor; Cannabinoid receptor antagonist; Hyperalgesia; Palmitoylethanolamide; 2-Arachidonylglycerol; Nociception; Inflammation (Beaulieu, P. (396) 85)

Antinociception

Opioid; Dizocilpine (MK-801); NMDA receptor; Metabotropic glutamate receptor; (S)-4CPG ((S)-4-carboxyphenylglycine) (Suzuki, T. (396) 23)

Morphine; NMDA receptor antagonist; D-CPPene (SDZ EAA 494); Memantine; MRZ 2/579; MRZ 2/576; ACEA-1021 (Belozertseva, I.V. (396) 77)

2-Arachidonylglycerol

Cannabinoid CB₁ receptor; Cannabinoid CB₂ receptor; Cannabinoid receptor antagonist; Hyperalgesia; Anandamide; Palmitoylethanolamide; Nociception; Inflammation (Beaulieu, P. (396) 85)

Arrhythmias

Sodium–hydrogen exchanger; Myocardial infarct size (Gumina, R.J. (396) 119)

Behavioral tolerance

Dopamine D₁ receptor; 6-Hydroxydopamine; Turning behavior (Casas, M. (396) 93)

Binding

Norbinaltorphimine; κ -Opioid receptor (Jones, R.M. (396) 49)

Blood pressure

Endothelin receptor antagonist; Nicotine; Thromboxane; (Rat) (Tanus-Santos, J.E. (396) 33)

Cannabinoid

Capsaicin; Neuron; Afferent; Pain; Receptor; Sensory; Vasodilation (Zygmunt, P.M. (396) 39)

Cannabinoid CB₁ receptor

Cannabinoid CB₂ receptor; Cannabinoid receptor antagonist; Hyperalgesia; Anandamide; Palmitoylethanolamide; 2-Arachidonylglycerol; Nociception; Inflammation (Beaulieu, P. (396) 85)

Cannabinoid CB₂ receptor

Cannabinoid CB₁ receptor; Cannabinoid receptor antagonist; Hyperalgesia; Anandamide; Palmitoylethanolamide; 2-Arachidonylglycerol; Nociception; Inflammation (Beaulieu, P. (396) 85)

Cannabinoid receptor

Knockout mouse; Δ^9 Tetrahydrocannabinol; Macrophage (Buckley, N.E. (396) 141)

Cannabinoid receptor antagonist

Cannabinoid CB₁ receptor; Cannabinoid CB₂ receptor; Hyperalgesia; Anandamide; Palmitoylethanolamide; 2-Arachidonylglycerol; Nociception; Inflammation (Beaulieu, P. (396) 85)

Capsaicin

Cannabinoid; Neuron; Afferent; Pain; Receptor; Sensory; Vasodilation (Zygmunt, P.M. (396) 39)

Cardiac muscle

Endothelin-1; [Ca²⁺]_i transient; Protein kinase C (Izumi, M. (396) 109)

[Ca²⁺]_i transient

Endothelin-1; Cardiac muscle; Protein kinase C (Izumi, M. (396) 109)

Chronic hypoxia

5-HT (5-hydroxytryptamine, serotonin) uptake; Pulmonary hypertension; Lung, rat (Jeffery, T.K. (396) 137)

Clonidine

Gastroprotection; α_{2B} -Adrenoceptor; Opioid receptor (Gyires, K. (396) 131)

Collision-coupling model

μ -Opioid receptor; δ -Opioid receptor; G-protein; [35 S]GTP γ S binding; Compartmentalization (Remmers, A.E. (396) 67)

Compartmentalization

μ -Opioid receptor; δ -Opioid receptor; G-protein; [35 S]GTP γ S binding; Collision-coupling model (Remmers, A.E. (396) 67)

Concanavalin A

Aminoguanidine; Hepatitis (Okamoto, T. (396) 125)

Convulsion

GEPR (genetically epilepsy-prone rat); Electroshock; α_1 -Adrenoceptor; β -Adrenoceptor; Receptor regulation (Seo, D.O. (396) 53)

D-CPPene (SDZ EAA 494)

Morphine; Antinociception; NMDA receptor antagonist; Memantine; MRZ 2/579; MRZ 2/576; ACEA-1021 (Belozertseva, I.V. (396) 77)

Dizocilpine (MK-801)

Antinociception; Opioid; NMDA receptor; Metabotropic glutamate receptor; (S)-4CPG ((S)-4-carboxyphenylglycine) (Suzuki, T. (396) 23)

Dopamine D₁ receptor

6-Hydroxydopamine; Turning behavior; Behavioral tolerance (Casas, M. (396) 93)

Dopamine receptor

[3 H]Lysergic acid diethylamide (LSD); Mushroom body; (Locust); (Insect) (Degen, J. (396) 59)

 Δ^9 Tetrahydrocannabinol

Knockout mouse; Cannabinoid receptor; Macrophage (Buckley, N.E. (396) 141)

Electroshock

GEPR (genetically epilepsy-prone rat); Convulsion; α_1 -Adrenoceptor; β -Adrenoceptor; Receptor regulation (Seo, D.O. (396) 53)

Endothelin-1

Cardiac muscle; [Ca^{2+}]_i transient; Protein kinase C (Izumi, M. (396) 109)

Endothelin ET_A receptor

Endothelin ET_B receptor; Fibroblast; HeLa cell; (Human) (Drimal, J. (396) 19)

Endothelin ET_B receptor

Endothelin ET_A receptor; Fibroblast; HeLa cell; (Human) (Drimal, J. (396) 19)

Endothelin receptor antagonist

Blood pressure; Nicotine; Thromboxane; (Rat) (Tanus-Santos, J.E. (396) 33)

Fibroblast

Endothelin ET_A receptor; Endothelin ET_B receptor; HeLa cell; (Human) (Drimal, J. (396) 19)

FLIPR (fluorescent imaging plate reader)

5-HT (5-Hydroxytryptamine serotonin); 5-HT receptor; Fluorescence; Meta-chlorophenylpiperazine; 8-OH-DPAT (8-hydroxy-*N,N*-dipropylaminotetralin) (Wood, M. (396) 1)

Fluorescence

5-HT (5-Hydroxytryptamine serotonin); 5-HT receptor; FLIPR (fluorescent imaging plate reader); Meta-chlorophenylpiperazine; 8-OH-DPAT (8-hydroxy-*N,N*-dipropylaminotetralin) (Wood, M. (396) 1)

Gastroprotection

Clonidine; α_{2B} -Adrenoceptor; Opioid receptor (Gyires, K. (396) 131)

GEPR (genetically epilepsy-prone rat)

Electroshock; Convulsion; α_1 -Adrenoceptor; β -Adrenoceptor; Receptor regulation (Seo, D.O. (396) 53)

G-protein

μ -Opioid receptor; δ -Opioid receptor; [35 S]GTP γ S binding; Collision-coupling model; Compartmentalization (Remmers, A.E. (396) 67)

[35 S]GTP γ S binding

μ -Opioid receptor; δ -Opioid receptor; G-protein; Collision-coupling model; Compartmentalization (Remmers, A.E. (396) 67)

HeLa cell

Endothelin ET_A receptor; Endothelin ET_B receptor; Fibroblast; (Human) (Drimal, J. (396) 19)

Hepatitis

Concanavalin A; Aminoguanidine (Okamoto, T. (396) 125)

5-HT (5-Hydroxytryptamine serotonin)

5-HT receptor; FLIPR (fluorescent imaging plate reader); Fluorescence; Meta-chlorophenylpiperazine; 8-OH-DPAT (8-hydroxy-*N,N*-dipropylaminotetralin) (Wood, M. (396) 1)

5-HT (5-hydroxytryptamine, serotonin) uptake

Chronic hypoxia; Pulmonary hypertension; Lung, rat (Jeffery, T.K. (396) 137)

5-HT receptor

5-HT (5-Hydroxytryptamine serotonin); FLIPR (fluorescent imaging plate reader); Fluorescence; Meta-chlorophenylpiperazine; 8-OH-DPAT (8-hydroxy-*N,N*-dipropylaminotetralin) (Wood, M. (396) 1)

6-Hydroxydopamine

Dopamine D₁ receptor; Turning behavior; Behavioral tolerance (Casas, M. (396) 93)

Hyperalgesia

Cannabinoid CB₁ receptor; Cannabinoid CB₂ receptor; Cannabinoid receptor antagonist; Anandamide; Palmitoylethanolamide; 2-Arachidonylglycerol; Nociception; Inflammation (Beaulieu, P. (396) 85)

Hypothalamus

Neuropeptide Y-(13-36); (Rat) (King, P.J. (396) R1)

Inflammation

Cannabinoid CB₁ receptor; Cannabinoid CB₂ receptor; Cannabinoid receptor antagonist; Hyperalgesia; Anandamide; Palmitoylethanolamide; 2-Arachidonylglycerol; Nociception (Beaulieu, P. (396) 85)

Knockout mouse

Cannabinoid receptor; Δ^9 Tetrahydrocannabinol; Macrophage (Buckley, N.E. (396) 141)

[³H]Lysergic acid diethylamide (LSD)

Dopamine receptor; Mushroom body; (Locust); (Insect) (Degen, J. (396) 59)

Lung, rat

Chronic hypoxia; 5-HT (5-hydroxytryptamine, serotonin) uptake; Pulmonary hypertension (Jeffery, T.K. (396) 137)

Macrophage

Knockout mouse; Cannabinoid receptor; Δ^9 Tetrahydrocannabinol (Buckley, N.E. (396) 141)

Memantine

Morphine; Antinociception; NMDA receptor antagonist; D-CPPene (SDZ EAA 494); MRZ 2/579; MRZ 2/576; ACEA-1021 (Belozertseva, I.V. (396) 77)

Metabotropic glutamate receptor

Antinociception; Opioid; Dizocilpine (MK-801); NMDA receptor; (S)-4CPG ((S)-4-carboxyphenylglycine) (Suzuki, T. (396) 23)

Meta-chlorophenylpiperazine

5-HT (5-Hydroxytryptamine serotonin); 5-HT receptor; FLIPR (fluorescent imaging plate reader); Fluorescence; 8-OH-DPAT (8-hydroxy-*N,N*-dipropylaminotetralin) (Wood, M. (396) 1)

Molecular cloning

α_{1a} -Adrenoceptor; α_{1b} -Adrenoceptor; α_{1d} -Adrenoceptor; Rabbit; Pharmacology; Tissue distribution (Piao, H. (396) 9)

Morphine

Antinociception; NMDA receptor antagonist; D-CPPene (SDZ EAA 494); Memantine; MRZ 2/579; MRZ 2/576; ACEA-1021 (Belozertseva, I.V. (396) 77)

MRZ 2/576

Morphine; Antinociception; NMDA receptor antagonist; D-CPPene (SDZ EAA 494); Memantine; MRZ 2/579; ACEA-1021 (Belozertseva, I.V. (396) 77)

MRZ 2/579

Morphine; Antinociception; NMDA receptor antagonist; D-CPPene (SDZ EAA 494); Memantine; MRZ 2/576; ACEA-1021 (Belozertseva, I.V. (396) 77)

Mushroom body

Dopamine receptor; [³H]Lysergic acid diethylamide (LSD); (Locust); (Insect) (Degen, J. (396) 59)

Myocardial infarct size

Sodium–hydrogen exchanger; Arrhythmias (Gumina, R.J. (396) 119)

Neuron

Cannabinoid; Capsaicin; Afferent; Pain; Receptor; Sensory; Vasodilation (Zygmunt, P.M. (396) 39)

Neuropeptide Y-(13-36)

Hypothalamus; (Rat) (King, P.J. (396) R1)

Nicotine

Blood pressure; Endothelin receptor antagonist; Thromboxane; (Rat) (Tanus-Santos, J.E. (396) 33)

NMDA receptor

Antinociception; Opioid; Dizocilpine (MK-801); Metabotropic glutamate receptor; (S)-4CPG ((S)-4-carboxyphenylglycine) (Suzuki, T. (396) 23)

NMDA receptor antagonist

Morphine; Antinociception; D-CPPene (SDZ EAA 494); Memantine; MRZ 2/579; MRZ 2/576; ACEA-1021 (Belozertseva, I.V. (396) 77)

Nociception

Cannabinoid CB₁ receptor; Cannabinoid CB₂ receptor; Cannabinoid receptor antagonist; Hyperalgesia; Anandamide; Palmitoylethanolamide; 2-Arachidonylglycerol; Inflammation (Beaulieu, P. (396) 85)

Norbinaltorphimine

Binding; κ -Opioid receptor (Jones, R.M. (396) 49)

8-OH-DPAT (8-hydroxy-*N,N*-dipropylaminotetralin)

5-HT (5-Hydroxytryptamine serotonin); 5-HT receptor; FLIPR (fluorescent imaging plate reader); Fluorescence; Meta-chlorophenylpiperazine (Wood, M. (396) 1)

Olprinone

Radial artery; Phosphodiesterase 3; Phenylephrine (Adachi, H. (396) 43)

Opioid

Antinociception; Dizocilpine (MK-801); NMDA receptor; Metabotropic glutamate receptor; (S)-4CPG ((S)-4-carboxyphenylglycine) (Suzuki, T. (396) 23)

Opioid receptor

Gastroprotection; Clonidine; α_{2B} -Adrenoceptor (Gyires, K. (396) 131)

 δ -Opioid receptor

μ -Opioid receptor; G-protein; [³⁵S]GTP γ S binding; Collision-coupling model; Compartmentalization (Remmers, A.E. (396) 67)

 δ -Opioid receptor agonist

Tonazocine; SNC-80; Rotation; Parkinson's disease (Hudzik, T.J. (396) 101)

 κ -Opioid receptor

Norbinaltorphimine; Binding (Jones, R.M. (396) 49)

 μ -Opioid receptor

δ -Opioid receptor; G-protein; [³⁵S]GTP γ S binding; Collision-coupling model; Compartmentalization (Remmers, A.E. (396) 67)

Pain

Cannabinoid; Capsaicin; Neuron; Afferent; Receptor; Sensory; Vasodilation (Zygmunt, P.M. (396) 39)

Palmitoylethanolamide

Cannabinoid CB₁ receptor; Cannabinoid CB₂ receptor; Cannabinoid receptor antagonist; Hyperalgesia; Anandamide; 2-Arachidonylglycerol; Nociception; Inflammation (Beaulieu, P. (396) 85)

Parkinson's disease

δ -Opioid receptor agonist; Tonazocine; SNC-80; Rotation (Hudzik, T.J. (396) 101)

Pharmacology

α_{1a} -Adrenoceptor; α_{1b} -Adrenoceptor; α_{1d} -Adrenoceptor; Rabbit; Molecular cloning; Tissue distribution (Piao, H. (396) 9)

Phenylephrine

Radial artery; Phosphodiesterase 3; Olprinone (Adachi, H. (396) 43)

Phosphodiesterase 3

Radial artery; Olprinone; Phenylephrine (Adachi, H. (396) 43)

Protein kinase C

Endothelin-1; Cardiac muscle; $[Ca^{2+}]_i$ transient (Izumi, M. (396) 109)

Pulmonary hypertension

Chronic hypoxia; 5-HT (5-hydroxytryptamine, serotonin) uptake; Lung, rat (Jeffery, T.K. (396) 137)

Rabbit

α_{1a} -Adrenoceptor; α_{1b} -Adrenoceptor; α_{1d} -Adrenoceptor; Molecular cloning; Pharmacology; Tissue distribution (Piao, H. (396) 9)

Radial artery

Phosphodiesterase 3; Olprinone; Phenylephrine (Adachi, H. (396) 43)

Receptor

Cannabinoid; Capsaicin; Neuron; Afferent; Pain; Sensory; Vasodilation (Zygmunt, P.M. (396) 39)

Receptor regulation

GEPR (genetically epilepsy-prone rat); Electroshock; Convulsion; α_1 -Adrenoceptor; β -Adrenoceptor (Seo, D.O. (396) 53)

Rotation

δ -Opioid receptor agonist; Tonazocine; SNC-80; Parkinson's disease (Hudzik, T.J. (396) 101)

Sensory

Cannabinoid; Capsaicin; Neuron; Afferent; Pain; Receptor; Vasodilation (Zygmunt, P.M. (396) 39)

SNC-80

δ -Opioid receptor agonist; Tonazocine; Rotation; Parkinson's disease (Hudzik, T.J. (396) 101)

Sodium–hydrogen exchanger

Arrhythmias; Myocardial infarct size (Gumina, R.J. (396) 119)

SR 48968

Trachea; Acetylcholine release; Tachykinin NK₂ receptor; $[\beta Ala^8]$ Neurokinin A-(4–10) (D'Agostino, G. (396) 29)

Tachykinin NK₂ receptor

Trachea; Acetylcholine release; $[\beta Ala^8]$ Neurokinin A-(4–10); SR 48968 (D'Agostino, G. (396) 29)

Thromboxane

Blood pressure; Endothelin receptor antagonist; Nicotine; (Rat) (Tanus-Santos, J.E. (396) 33)

Tissue distribution

α_{1a} -Adrenoceptor; α_{1b} -Adrenoceptor; α_{1d} -Adrenoceptor; Rabbit; Molecular cloning; Pharmacology (Piao, H. (396) 9)

Tonazocine

δ -Opioid receptor agonist; SNC-80; Rotation; Parkinson's disease (Hudzik, T.J. (396) 101)

Trachea

Acetylcholine release; Tachykinin NK₂ receptor; $[\beta Ala^8]$ Neurokinin A-(4–10); SR 48968 (D'Agostino, G. (396) 29)

Turning behavior

Dopamine D₁ receptor; 6-Hydroxydopamine; Behavioral tolerance (Casas, M. (396) 93)

Vasodilation

Cannabinoid; Capsaicin; Neuron; Afferent; Pain; Receptor; Sensory (Zygmunt, P.M. (396) 39)