

Keyword index

Acetylcholine

Corpus cavernosum relaxation; Cholestasis; Indomethacin; Nitric oxide; (Rat) (Dehghani, M. (496) 181)

Aggregation

NO (Nitric Oxide); cGMP (cyclic guanosine 3',5'-monophosphate); Calcium; Platelet; SNAP (S-nitroso-N-acetyl-D,L-penicillamine); GEA 3175 (Asplund Persson, A.K. (496) 1)

Aldehyde dehydrogenase

Glyceryl trinitrate; Tolerance, ex vivo; Superoxide; Nitric oxide synthase (de la Lande, I.S. (496) 141)

AM404

Excitatory synaptic transmission; N-acetyl ethanolamide; CB₁ receptor; Cannabinoid; Hippocampus (Kelley, B.G. (496) 33)

γ-aminobutyric acid

GABA_A receptor; Benzodiazepine; Barbiturate; Inhibition; Spontaneous activity; Channel block; Tonic current (Lindquist, C.E.L. (496) 23)

Amiodarone

Antiarrhythmic drug; Na⁺/Ca²⁺ exchange current; NCX1; CCL39 fibroblast (Watanabe, Y. (496) 49)

Dronedrone; L-NOARG; Nitric oxide; (Guinea pig); Coronary pressure (Guiraudou, P. (496) 119)

Analgesia

Articular incapsulation; Hyperalgesia; Arthritic pain; IRL 1620; Endothelin receptor (Daher, J.B. (496) 77)

Antiarrhythmic drug

Amiodarone; Na⁺/Ca²⁺ exchange current; NCX1; CCL39 fibroblast (Watanabe, Y. (496) 49)

Antibacterial

Anti-inflammatory; MIC (Minimum inhibitory concentration); MBC (Minimum bactericidal concentration); Irritation (Park, J. (496) 189)

Anti-inflammatory

Antibacterial; MIC (Minimum inhibitory concentration); MBC (Minimum bactericidal concentration); Irritation (Park, J. (496) 189)

Antinociception

Dipyrone; Serotonin; Methysergide; Yohimbine; Pyrazoline (Godoy, M.C.M. (496) 93)

Cannabinoid; Kinase; Tolerance (Bass, C.E. (496) 99)

Antioxidant activity

Non-steroidal anti-inflammatory drug; Hydroxyl radical; Hydrogen peroxide; Hypochlorous acid (Van Antwerpen, P. (496) 55)

Antisense

GLUT1 (glucose transporter1); Endothelium (Park, J.L. (496) 213)

Aortic dissection

Aortic ring; Cocaine; Relaxation; Phosphatase; Ca²⁺ entry (Li, W. (496) 151)

Aortic ring

Cocaine; Relaxation; Phosphatase; Ca²⁺ entry; Aortic dissection (Li, W. (496) 151)

Aortic smooth muscle cell, rat

Quercetin; Mitogen-activated protein kinase; Extracellular signal-regulated kinase; c-Jun N-terminal kinase (Shih, C.-M. (496) 41)

Apoptosis

Terfenadine; Thymocyte; Mitochondria; Fexofenadine; Voltage-dependent K⁺ channel (Enomoto, R. (496) 11)

Arthritic pain

Articular incapsulation; Hyperalgesia; Analgesia; IRL 1620; Endothelin receptor (Daher, J.B. (496) 77)

Arthritis

TNF-α; Neutrophil; Immune inflammation; Pentoxifylline; Thalidomide (Bombini, G. (496) 197)

Articular incapsulation

Hyperalgesia; Analgesia; Arthritic pain; IRL 1620; Endothelin receptor (Daher, J.B. (496) 77)

Barbiturate

GABA_A receptor; Benzodiazepine; Inhibition; γ-aminobutyric acid; Spontaneous activity; Channel block; Tonic current (Lindquist, C.E.L. (496) 23)

Benzenesulfonate

Familial combined hyperlipidemia; Hypercholesterolemia; Lipoprotein (Masana, L. (496) 205)

Benzodiazepine

GABA_A receptor; Barbiturate; Inhibition; γ-aminobutyric acid; Spontaneous activity; Channel block; Tonic current (Lindquist, C.E.L. (496) 23)

Blood pressure

Opioids; Enkephalin analogue cUENK6; Naloxonazine; Diuresis; Natriuresis; Natriuretic peptides; Urodilatin; Vasopressin (Gutkowska, J. (496) 167)

Brain, rat

Fas receptor aggregate; Fas protein; Deglycosylation; Opiate drug; Morphine addiction (García-Fuster, M.J. (496) 63)

Ca²⁺ entry

Aortic ring; Cocaine; Relaxation; Phosphatase; Aortic dissection (Li, W. (496) 151)

Calcium

NO (Nitric Oxide); cGMP (cyclic guanosine 3',5'-monophosphate); Aggregation; Platelet; SNAP (*S*-nitroso-*N*-acetyl-D,L-penicillamine); GEA 3175 (Asplund Persson, A.K. (496) 1)

Cannabinoid

AM404; Excitatory synaptic transmission; *N*-acetyl ethanolamide; CB₁ receptor; Hippocampus (Kelley, B.G. (496) 33)

Kinase; Antinociception; Tolerance (Bass, C.E. (496) 99)

CB₁ receptor

AM404; Excitatory synaptic transmission; *N*-acetyl ethanolamide; Cannabinoid; Hippocampus (Kelley, B.G. (496) 33)

CCL39 fibroblast

Antiarrhythmic drug; Amiodarone; Na⁺/Ca²⁺ exchange current; NCX1 (Watanabe, Y. (496) 49)

cGMP (cyclic guanosine 3',5'-monophosphate)

NO (Nitric Oxide); Calcium; Aggregation; Platelet; SNAP (*S*-nitroso-*N*-acetyl-D,L-penicillamine); GEA 3175 (Asplund Persson, A.K. (496) 1)

Channel block

GABA_A receptor; Benzodiazepine; Barbiturate; Inhibition; γ -aminobutyric acid; Spontaneous activity; Tonic current (Lindquist, C.E.L. (496) 23)

Cholestasis

Corpus cavernosum relaxation; Acetylcholine; Indomethacin; Nitric oxide; (Rat) (Dehghani, M. (496) 181)

c-Jun N-terminal kinase

Aortic smooth muscle cell, rat; Quercetin; Mitogen-activated protein kinase; Extracellular signal-regulated kinase (Shih, C.-M. (496) 41)

Cocaine

Aortic ring; Relaxation; Phosphatase; Ca²⁺ entry; Aortic dissection (Li, W. (496) 151)

Coronary pressure

Amiodarone; Dronedarone; L-NOARG; Nitric oxide; (Guinea pig) (Guiraudou, P. (496) 119)

Corpus cavernosum relaxation

Cholestasis; Acetylcholine; Indomethacin; Nitric oxide; (Rat) (Dehghani, M. (496) 181)

Cyclopiazonic acid

Portal vein, rat; Spontaneous contraction; Store-operated Ca²⁺ entry; Ryanodine; Protein kinase C (Burt, R.P. (496) 109)

Deglycosylation

Fas receptor aggregate; Fas protein; Opiate drug; Morphine addiction; Brain, rat (Garcia-Fuster, M.J. (496) 63)

Dipyrene

Antinociception; Serotonin; Methysergide; Yohimbine; Pyrazoline (Godoy, M.C.M. (496) 93)

Diuresis

Opioids; Enkephalin analogue cUENK6; Naloxonazine; Natriuresis; Blood pressure; Natriuretic peptides; Urodilatin; Vasopressin (Gutkowska, J. (496) 167)

Dronedarone

Amiodarone; L-NOARG; Nitric oxide; (Guinea pig); Coronary pressure (Guiraudou, P. (496) 119)

Endothelin

Heart failure; Hypertension; Hypoxia (Yuyama, H. (496) 129)

Endothelin receptor

Articular incapacitation; Hyperalgesia; Analgesia; Arthritic pain; IRL 1620 (Daher, J.B. (496) 77)

Endothelium

GLUT1 (glucose transporter1); Antisense (Park, J.L. (496) 213)

Endothlin-1

ET_A receptor; ET_B receptor; ET_B receptor-deficient rat; Pulmonary hypertension; Monocrotaline (Nishida, M. (496) 159)

Enkephalin analogue cUENK6

Opioids; Naloxonazine; Diuresis; Natriuresis; Blood pressure; Natriuretic peptides; Urodilatin; Vasopressin (Gutkowska, J. (496) 167)

ET_A receptor

Endothlin-1; ET_B receptor; ET_B receptor-deficient rat; Pulmonary hypertension; Monocrotaline (Nishida, M. (496) 159)

ET_B receptor

Endothlin-1; ET_A receptor; ET_B receptor-deficient rat; Pulmonary hypertension; Monocrotaline (Nishida, M. (496) 159)

ET_B receptor-deficient rat

Endothlin-1; ET_A receptor; ET_B receptor; Pulmonary hypertension; Monocrotaline (Nishida, M. (496) 159)

Excitatory synaptic transmission

AM404; *N*-acetyl ethanolamide; CB₁ receptor; Cannabinoid; Hippocampus (Kelley, B.G. (496) 33)

Extracellular signal-regulated kinase

Aortic smooth muscle cell, rat; Quercetin; Mitogen-activated protein kinase; c-Jun N-terminal kinase (Shih, C.-M. (496) 41)

Familial combined hyperlipidemia

Benzenesulfonate; Hypercholesterolemia; Lipoprotein (Masana, L. (496) 205)

Fas protein

Fas receptor aggregate; Deglycosylation; Opiate drug; Morphine addiction; Brain, rat (García-Fuster, M.J. (496) 63)

Fas receptor aggregate

Fas protein; Deglycosylation; Opiate drug; Morphine addiction; Brain, rat (García-Fuster, M.J. (496) 63)

Fexofenadine

Terfenadine; Apoptosis; Thymocyte; Mitochondria; Voltage-dependent K⁺ channel (Enomoto, R. (496) 11)

GABA_A receptor

Benzodiazepine; Barbiturate; Inhibition; γ -aminobutyric acid; Spontaneous activity; Channel block; Tonic current (Lindquist, C.E.L. (496) 23)

GABAergic neuron

Spinal trigeminal nucleus; Microdialysis (Viggiano, A. (496) 87)

GEA 3175

NO (Nitric Oxide); cGMP (cyclic guanosine 3',5'-monophosphate); Calcium; Aggregation; Platelet; SNAP (*S*-nitroso-*N*-acetyl-D,L-penicillamine) (Asplund Persson, A.K. (496) 1)

General anesthetic

Inhalation; Monosynaptic reflex; Nociceptive reflex; Slow ventral root potential; Neonatal spinal cord (Watanabe, I. (496) 71)

GLUT1 (glucose transporter1)

Endothelium; Antisense (Park, J.L. (496) 213)

Glyceryl trinitrate

Tolerance, ex vivo; Aldehyde dehydrogenase; Superoxide; Nitric oxide synthase (de la Lande, I.S. (496) 141)

(Guinea pig)

Amiodarone; Dronedarone; L-NOARG; Nitric oxide; Coronary pressure (Guiraudou, P. (496) 119)

Heart failure

Endothelin; Hypertension; Hypoxia (Yuyama, H. (496) 129)

Hippocampus

AM404; Excitatory synaptic transmission; *N*-acetyl ethanolamide; CB₁ receptor; Cannabinoid (Kelley, B.G. (496) 33)

Hydrogen peroxide

Antioxidant activity; Non-steroidal anti-inflammatory drug; Hydroxyl radical; Hypochlorous acid (Van Antwerpen, P. (496) 55)

Hydroxyl radical

Antioxidant activity; Non-steroidal anti-inflammatory drug; Hydrogen peroxide; Hypochlorous acid (Van Antwerpen, P. (496) 55)

Hyperalgesia

Articular incapsulation; Analgesia; Arthritic pain; IRL 1620; Endothelin receptor (Daher, J.B. (496) 77)

Hypercholesterolemia

Benzenesulfonate; Familial combined hyperlipidemia; Lipoprotein (Masana, L. (496) 205)

Hypertension

Endothelin; Heart failure; Hypoxia (Yuyama, H. (496) 129)

Hypochlorous acid

Antioxidant activity; Non-steroidal anti-inflammatory drug; Hydroxyl radical; Hydrogen peroxide (Van Antwerpen, P. (496) 55)

Hypoxia

Endothelin; Heart failure; Hypertension (Yuyama, H. (496) 129)

Immune inflammation

TNF- α ; Arthritis; Neutrophil; Pentoxifylline; Thalidomide (Bombini, G. (496) 197)

Indomethacin

Corpus cavernosum relaxation; Cholestasis; Acetylcholine; Nitric oxide; (Rat) (Dehghani, M. (496) 181)

Inhalation

General anesthetic; Monosynaptic reflex; Nociceptive reflex; Slow ventral root potential; Neonatal spinal cord (Watanabe, I. (496) 71)

Inhibition

GABA_A receptor; Benzodiazepine; Barbiturate; γ -aminobutyric acid; Spontaneous activity; Channel block; Tonic current (Lindquist, C.E.L. (496) 23)

IRL 1620

Articular incapsulation; Hyperalgesia; Analgesia; Arthritic pain; Endothelin receptor (Daher, J.B. (496) 77)

Irritation

Antibacterial; Anti-inflammatory; MIC (Minimum inhibitory concentration); MBC (Minimum bactericidal concentration) (Park, J. (496) 189)

Kidney

Reperfusion-injury; Renal dysfunction; Urocortin (Patel, N.S.A. (496) 175)

Kinase

Cannabinoid; Antinociception; Tolerance (Bass, C.E. (496) 99)

Lipoprotein

Benzenesulfonate; Familial combined hyperlipidemia; Hypercholesterolemia (Masana, L. (496) 205)

L-NOARG

Amiodarone; Dronedarone; Nitric oxide; (Guinea pig); Coronary pressure (Guiraudou, P. (496) 119)

MBC (Minimum bactericidal concentration)

Antibacterial; Anti-inflammatory; MIC (Minimum inhibitory concentration); Irritation (Park, J. (496) 189)

Methysergide

Dipyrene; Antinociception; Serotonin; Yohimbine; Pyrazoline (Godoy, M.C.M. (496) 93)

MIC (Minimum inhibitory concentration)

Antibacterial; Anti-inflammatory; MBC (Minimum bactericidal concentration); Irritation (Park, J. (496) 189)

Microdialysis

GABAergic neuron; Spinal trigeminal nucleus (Viggiano, A. (496) 87)

Mitochondria

Terfenadine; Apoptosis; Thymocyte; Fexofenadine; Voltage-dependent K⁺ channel (Enomoto, R. (496) 11)

Mitogen-activated protein kinase

Aortic smooth muscle cell, rat; Quercetin; Extracellular signal-regulated kinase; c-Jun N-terminal kinase (Shih, C.-M. (496) 41)

Monocrotaline

Endothelin-1; ET_A receptor; ET_B receptor; ET_B receptor-deficient rat; Pulmonary hypertension (Nishida, M. (496) 159)

Monosynaptic reflex

General anesthetic; Inhalation; Nociceptive reflex; Slow ventral root potential; Neonatal spinal cord (Watanabe, I. (496) 71)

Morphine addiction

Fas receptor aggregate; Fas protein; Deglycosylation; Opiate drug; Brain, rat (García-Fuster, M.J. (496) 63)

Na⁺/Ca²⁺ exchange current

Antiarrhythmic drug; Amiodarone; NCX1; CCL39 fibroblast (Watanabe, Y. (496) 49)

***N*-acetyl ethanolamide**

AM404; Excitatory synaptic transmission; CB₁ receptor; Cannabinoid; Hippocampus (Kelley, B.G. (496) 33)

Naloxonazine

Opioids; Enkephalin analogue cUENK6; Diuresis; Natriuresis; Blood pressure; Natriuretic peptides; Urodilatin; Vasopressin (Gutkowska, J. (496) 167)

Natriuresis

Opioids; Enkephalin analogue cUENK6; Naloxonazine; Diuresis; Blood pressure; Natriuretic peptides; Urodilatin; Vasopressin (Gutkowska, J. (496) 167)

Natriuretic peptides

Opioids; Enkephalin analogue cUENK6; Naloxonazine; Diuresis; Natriuresis; Blood pressure; Urodilatin; Vasopressin (Gutkowska, J. (496) 167)

NCX1

Antiarrhythmic drug; Amiodarone; Na⁺/Ca²⁺ exchange current; CCL39 fibroblast (Watanabe, Y. (496) 49)

Neonatal spinal cord

General anesthetic; Inhalation; Monosynaptic reflex; Nociceptive reflex; Slow ventral root potential (Watanabe, I. (496) 71)

Neutrophil

TNF- α ; Arthritis; Immune inflammation; Pentoxifylline; Thalidomide (Bombini, G. (496) 197)

Nitric oxide

Amiodarone; Dronedarone; L-NOARG; (Guinea pig); Coronary pressure (Guiraudou, P. (496) 119)

Corpus cavernosum relaxation; Cholestasis; Acetylcholine; Indomethacin; (Rat) (Dehghani, M. (496) 181)

Nitric oxide synthase

Glyceryl trinitrate; Tolerance, ex vivo; Aldehyde dehydrogenase; Super-oxide (de la Lande, I.S. (496) 141)

Nociceptive reflex

General anesthetic; Inhalation; Monosynaptic reflex; Slow ventral root potential; Neonatal spinal cord (Watanabe, I. (496) 71)

NO (Nitric Oxide)

cGMP (cyclic guanosine 3',5'-monophosphate); Calcium; Aggregation; Platelet; SNAP (*S*-nitroso-*N*-acetyl-D,L-penicillamine); GEA 3175 (Asplund Persson, A.K. (496) 1)

Non-steroidal anti-inflammatory drug

Antioxidant activity; Hydroxyl radical; Hydrogen peroxide; Hypochlorous acid (Van Antwerpen, P. (496) 55)

Opiate drug

Fas receptor aggregate; Fas protein; Deglycosylation; Morphine addiction; Brain, rat (Garcia-Fuster, M.J. (496) 63)

Opioids

Enkephalin analogue cUENK6; Naloxonazine; Diuresis; Natriuresis; Blood pressure; Natriuretic peptides; Urodilatin; Vasopressin (Gutkowska, J. (496) 167)

Pentoxifylline

TNF- α ; Arthritis; Neutrophil; Immune inflammation; Thalidomide (Bombini, G. (496) 197)

Phosphatase

Aortic ring; Cocaine; Relaxation; Ca²⁺ entry; Aortic dissection (Li, W. (496) 151)

Platelet

NO (Nitric Oxide); cGMP (cyclic guanosine 3',5'-monophosphate); Calcium; Aggregation; SNAP (*S*-nitroso-*N*-acetyl-D,L-penicillamine); GEA 3175 (Asplund Persson, A.K. (496) 1)

Portal vein, rat

Spontaneous contraction; Store-operated Ca²⁺ entry; Cyclopiazonic acid; Ryanodine; Protein kinase C (Burt, R.P. (496) 109)

Protein kinase C

Portal vein, rat; Spontaneous contraction; Store-operated Ca²⁺ entry; Cyclopiazonic acid; Ryanodine (Burt, R.P. (496) 109)

Pulmonary hypertension

Endothelin-1; ET_A receptor; ET_B receptor; ET_B receptor-deficient rat; Monocrotaline (Nishida, M. (496) 159)

Pyrazoline

Dipyrene; Antinociception; Serotonin; Methysergide; Yohimbine (Godoy, M.C.M. (496) 93)

Quercetin

Aortic smooth muscle cell, rat; Mitogen-activated protein kinase; Extracellular signal-regulated kinase; c-Jun N-terminal kinase (Shih, C.-M. (496) 41)

(Rat)

Corpus cavernosum relaxation; Cholestasis; Acetylcholine; Indomethacin; Nitric oxide (Dehghani, M. (496) 181)

Relaxation

Aortic ring; Cocaine; Phosphatase; Ca²⁺ entry; Aortic dissection (Li, W. (496) 151)

Renal dysfunction

Kidney; Reperfusion-injury; Urocortin (Patel, N.S.A. (496) 175)

Reperfusion-injury

Kidney; Renal dysfunction; Urocortin (Patel, N.S.A. (496) 175)

Ryanodine

Portal vein, rat; Spontaneous contraction; Store-operated Ca²⁺ entry; Cyclopiazonic acid; Protein kinase C (Burt, R.P. (496) 109)

Serotonin

Dipyrene; Antinociception; Methysergide; Yohimbine; Pyrazoline (Godoy, M.C.M. (496) 93)

Slow ventral root potential

General anesthetic; Inhalation; Monosynaptic reflex; Nociceptive reflex; Neonatal spinal cord (Watanabe, I. (496) 71)

SNAP (*S*-nitroso-*N*-acetyl-D,L-penicillamine)

NO (Nitric Oxide); cGMP (cyclic guanosine 3',5'-monophosphate); Calcium; Aggregation; Platelet; GEA 3175 (Asplund Persson, A.K. (496) 1)

Spinal trigeminal nucleus

GABAergic neuron; Microdialysis (Viggiano, A. (496) 87)

Spontaneous activity

GABA_A receptor; Benzodiazepine; Barbiturate; Inhibition; γ -aminobutyric acid; Channel block; Tonic current (Lindquist, C.E.L. (496) 23)

Spontaneous contraction

Portal vein, rat; Store-operated Ca^{2+} entry; Cyclopiazonic acid; Ryanodine; Protein kinase C (Burt, R.P. (496) 109)

Store-operated Ca^{2+} entry

Portal vein, rat; Spontaneous contraction; Cyclopiazonic acid; Ryanodine; Protein kinase C (Burt, R.P. (496) 109)

Superoxide

Glyceryl trinitrate; Tolerance, ex vivo; Aldehyde dehydrogenase; Nitric oxide synthase (de la Lande, I.S. (496) 141)

Terfenadine

Apoptosis; Thymocyte; Mitochondria; Fexofenadine; Voltage-dependent K^+ channel (Enomoto, R. (496) 11)

Thalidomide

$\text{TNF-}\alpha$; Arthritis; Neutrophil; Immune inflammation; Pentoxifylline (Bombini, G. (496) 197)

Thymocyte

Terfenadine; Apoptosis; Mitochondria; Fexofenadine; Voltage-dependent K^+ channel (Enomoto, R. (496) 11)

 $\text{TNF-}\alpha$

Arthritis; Neutrophil; Immune inflammation; Pentoxifylline; Thalidomide (Bombini, G. (496) 197)

Tolerance

Cannabinoid; Kinase; Antinociception (Bass, C.E. (496) 99)

Tolerance, ex vivo

Glyceryl trinitrate; Aldehyde dehydrogenase; Superoxide; Nitric oxide synthase (de la Lande, I.S. (496) 141)

Tonic current

GABA_A receptor; Benzodiazepine; Barbiturate; Inhibition; γ -aminobutyric acid; Spontaneous activity; Channel block (Lindquist, C.E.L. (496) 23)

Urocortin

Kidney; Reperfusion-injury; Renal dysfunction (Patel, N.S.A. (496) 175)

Urodilatin

Opioids; Enkephalin analogue cUENK6; Naloxonazine; Diuresis; Natriuresis; Blood pressure; Natriuretic peptides; Vasopressin (Gutkowska, J. (496) 167)

Vasopressin

Opioids; Enkephalin analogue cUENK6; Naloxonazine; Diuresis; Natriuresis; Blood pressure; Natriuretic peptides; Urodilatin (Gutkowska, J. (496) 167)

Voltage-dependent K^+ channel

Terfenadine; Apoptosis; Thymocyte; Mitochondria; Fexofenadine (Enomoto, R. (496) 11)

Yohimbine

Dipyrone; Antinociception; Serotonin; Methysergide; Pyrazoline (Godoy, M.C.M. (496) 93)