

Keyword index

α_{1L} -Adrenoceptor

RS-17053; WB 41011; Tamsulosin; Prostate; Stroma (Gray, K.T. (540) 155)

ACAT (Acyl-coenzyme A:cholesterol acyltransferase)

Hypercholesterolemia; Atherosclerosis; Pactimibe (Kitayama, K. (540) 121)

Acyclic nucleotide analogues

HPMPA (9-[2-Hydroxy-3-(phosphonomethoxy)propyl]adenine); Immunostimulation; Nitric oxide; Cytokine (Potměšil, P. (540) 191)

Adefovir clearance

Organic anion transporter; Probenecid; TR–rat (Servais, A. (540) 168)

Adenylyl cyclase superactivation

Human μ -opioid receptor; Raf-1 (Yue, X. (540) 57)

Allergic inflammation

Forced expiratory maneuver; Forced oscillation; Edema; FRC; FVC; IC; MMEF; Cchord; Lung parenchyma; Goblet cell; Brown–Norway rat (Celly, C.S. (540) 147)

All-trans retinal

Carbonyl reductase; Quinone; Flavonoid; Pig heart (Shimada, H. (540) 46)

D-Amino acid oxidase

Anesthetics; Ketamine; NMDA receptor; Schizophrenia; Serine racemase (Takeyama, K. (540) 82)

Aminoguanidine

NO (Nitric oxide); Tolerance; Dependence (Abdel-Zaher, A.O. (540) 60)

Anesthetics

Propofol; Oxidative stress; Lymphocyte; Neuron (Chikutei, K.-i. (540) 18)

D-Amino acid oxidase; Ketamine; NMDA receptor; Schizophrenia; Serine racemase (Takeyama, K. (540) 82)

Angiotensin II

Edema; Mast cell; Carrageenan; Dextran (Carvalho, R.F. (540) 175)

Anthracycline

Mitotic catastrophe; Transcriptome; WP631; Jurkat T lymphocyte; p53 (Mansilla, S. (540) 34)

Antinociception

Tyr-D-Arg-Phe-sarcosine; Dermorphin; Spinal cord; μ -Opioid receptor; (Mouse) (Mizoguchi, H. (540) 67)

Antipsychotic

Schizophrenia; Glutamate; Confocal microscopy (Jordan, S. (540) 53)

Anxiety

Depression; MCH-1 receptor antagonists; (Rat); (Mouse) (Basso, A.M. (540) 115)

Anxiety disorder

Conditioned fear; Selective serotonin reuptake inhibitor; Selective noradrenaline reuptake inhibitor; Noradrenaline; Serotonin (Inoue, T. (540) 91)

Apoptosis

G₁-phase block; Colon cancer; Ibuprofen (Janssen, A. (540) 24)

Atherosclerosis

ACAT (Acyl-coenzyme A:cholesterol acyltransferase); Hypercholesterolemia; Pactimibe (Kitayama, K. (540) 121)

NO-1886; Inflammatory cytokine; Diabetes mellitus (Cai, M. (540) 139)

ATP

UTP; P2Y receptor; HaCaT cell; Keratinocyte; Interleukin-6 (Yoshida, H. (540) 1)

ATP-sensitive potassium channel

Cell hypertrophy; Congestive heart failure; KR-31378; Myocardial infarction (Hwang, G.S. (540) 131)

(Brown-Norway rat)

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; Edema; FRC; FVC; IC; MMEF; Cchord; Lung parenchyma; Goblet cell; (Celly, C.S. (540) 147)

cannabinoid

WIN55212-2 [methanone mesylate]; IL-8 [interleukin-8]; I κ B [inhibitory kappa B]; NF- κ B [nuclear factor-kappa B]; CB₂ receptor; HT-29 (Mormina, M.E. (540) 183)

Cannabinoid system

Drug discrimination; Nicotine; Nicotinic acetylcholine receptor; Rat (Zaniewska, M. (540) 96)

Carbachol

Cholecystokinin; Human gallbladder; Rho-kinase; Y-27632 (Büyükaşar, K. (540) 162)

Carbonyl reductase

All-trans retinal; Quinone; Flavonoid; Pig heart (Shimada, H. (540) 46)

Carrageenan

Angiotensin II; Edema; Mast cell; Dextran (Carvalho, R.F. (540) 175)

CB₂ receptor

WIN55212-2 [methanone mesylate]; IL-8 [interleukin-8]; I κ B [inhibitory kappa B]; NF- κ B [nuclear factor-kappa B]; cannabinoid; HT-29 (Mormina, M.E. (540) 183)

Cchord

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; Edema; FRC; FVC; IC; MMEF; Lung parenchyma; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

Cell hypertrophy

Congestive heart failure; KR-31378; Myocardial infarction; ATP-sensitive potassium channel (Hwang, G.S. (540) 131)

Cholecystokinin

Carbachol; Human gallbladder; Rho-kinase; Y-27632 (Büyükaşar, K. (540) 162)

Colon cancer

G₁-phase block; Apoptosis; Ibuprofen (Janssen, A. (540) 24)

Conditioned fear

Selective serotonin reuptake inhibitor; Selective noradrenaline reuptake inhibitor; Noradrenaline; Serotonin; Anxiety disorder (Inoue, T. (540) 91)

Confocal microscopy

Schizophrenia; Glutamate; Antipsychotic (Jordan, S. (540) 53)

Congestive heart failure

Cell hypertrophy; KR-31378; Myocardial infarction; ATP-sensitive potassium channel (Hwang, G.S. (540) 131)

Cytokine

Acyclic nucleotide analogues; HPMPA (9-[2-Hydroxy-3-(phosphonomethoxy)propyl]adenine); Immunostimulation; Nitric oxide (Potměšil, P. (540) 191)

Dependence

Aminoguanidine; NO (Nitric oxide); Tolerance (Abdel-Zaher, A.O. (540) 60)

Depression

MCH-1 receptor antagonists; Anxiety; (Rat); (Mouse) (Basso, A.M. (540) 115)

Dermorphin

Tyr-D-Arg-Phe-sarcosine; Antinociception; Spinal cord; μ -Opioid receptor; (Mouse) (Mizoguchi, H. (540) 67)

Dextran

Angiotensin II; Edema; Mast cell; Carrageenan (Carvalho, R.F. (540) 175)

Diabetes mellitus

NO-1886; Inflammatory cytokine; Atherosclerosis (Cai, M. (540) 139)

Dopamine D₂-receptor occupancy

In vivo; Raclopride; Dosage; Olanzapine; Risperidone (Naiker, D.V. (540) 87)

Dosage

Dopamine D₂-receptor occupancy; In vivo; Raclopride; Olanzapine; Risperidone (Naiker, D.V. (540) 87)

Drug discrimination

Cannabinoid system; Nicotine; Nicotinic acetylcholine receptor; Rat (Zaniewska, M. (540) 96)

Edema

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; FRC; FVC; IC; MMEF; Cchord; Lung parenchyma; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

Angiotensin II; Mast cell; Carrageenan; Dextran (Carvalho, R.F. (540) 175)

Flavonoid

All-*trans* retinal; Carbonyl reductase; Quinone; Pig heart (Shimada, H. (540) 46)

Forced expiratory maneuver

Allergic inflammation; Forced oscillation; Edema; FRC; FVC; IC; MMEF; Cchord; Lung parenchyma; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

Forced oscillation

Allergic inflammation; Forced expiratory maneuver; Edema; FRC; FVC; IC; MMEF; Cchord; Lung parenchyma; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

FRC

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; Edema; FVC; IC; MMEF; Cchord; Lung parenchyma; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

FVC

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; Edema; FRC; IC; MMEF; Cchord; Lung parenchyma; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

G₁-phase block

Apoptosis; Colon cancer; Ibuprofen (Janssen, A. (540) 24)

Glutamate

Schizophrenia; Antipsychotic; Confocal microscopy (Jordan, S. (540) 53)

TRPV1; Spinal cord; Inflammation; Synaptic transmission; Substantia gelatinosa (Lappin, S.C. (540) 73)

Goblet cell

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; Edema; FRC; FVC; IC; MMEF; Cchord; Lung parenchyma; Brown-Norway rat (Celly, C.S. (540) 147)

HaCaT cell

ATP; UTP; P2Y receptor; Keratinocyte; Interleukin-6 (Yoshida, H. (540) 1)

HPMPA (9-[2-Hydroxy-3-(phosphonomethoxy)propyl]adenine)

Acyclic nucleotide analogues; Immunostimulation; Nitric oxide; Cytokine (Potměšil, P. (540) 191)

HT-29

WIN55212-2 [methanone mesylate]; IL-8 [interleukin-8]; I κ B [inhibitory kappa B]; NF- κ B [nuclear factor-kappa B]; cannabinoid; CB₂ receptor (Mormina, M.E. (540) 183)

Human gallbladder

Carbachol; Cholecystokinin; Rho-kinase; Y-27632 (Büyükaşar, K. (540) 162)

Human μ -opioid receptor

Adenylyl cyclase superactivation; Raf-1 (Yue, X. (540) 57)

Hypercholesterolemia

ACAT (Acyl-coenzyme A:cholesterol acyltransferase); Atherosclerosis; Pactimibe (Kitayama, K. (540) 121)

Hypoxic hypoxia

Melatonin; Oxidative stress; Lipid peroxidation; Liver (El-Sokkary, G.H. (540) 107)

Ibuprofen

G₁-phase block; Apoptosis; Colon cancer (Janssen, A. (540) 24)

IC

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; Edema; FRC; FVC; MMEF; Cchord; Lung parenchyma; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

I-CLiP (intramembrane cleaving protease)

γ-Secretase inhibitor; SPP (single peptide peptidase) splice variant; S2P (Site-2 protease) cleavage; Reporter gene assay (Dev, K.K. (540) 10)

IκB [inhibitory kappa B]

WIN55212-2 [methanone mesylate]; IL-8 [interleukin-8]; NF-κB [nuclear factor-kappa B]; cannabinoid; CB₂ receptor; HT-29 (Mormina, M.E. (540) 183)

IL-8 [interleukin-8]

WIN55212-2 [methanone mesylate]; IκB [inhibitory kappa B]; NF-κB [nuclear factor-kappa B]; cannabinoid; CB₂ receptor; HT-29 (Mormina, M.E. (540) 183)

Immunostimulation

Acyclic nucleotide analogues; HPMPA (9-[2-Hydroxy-3-(phosphonome-thoxy)propyl]adenine); Nitric oxide; Cytokine (Potměšil, P. (540) 191)

In vivo

Dopamine D₂-receptor occupancy; Raclopride; Dosage; Olanzapine; Risperidone (Naiker, D.V. (540) 87)

Inflammation

TRPV1; Spinal cord; Glutamate; Synaptic transmission; Substantia gelatinosa (Lappin, S.C. (540) 73)

Inflammatory cytokine

NO-1886; Atherosclerosis; Diabetes mellitus (Cai, M. (540) 139)

Interleukin-6

ATP; UTP; P2Y receptor; HaCaT cell; Keratinocyte (Yoshida, H. (540) 1)

Jurkat T lymphocyte

Mitotic catastrophe; Transcriptome; WP631; Anthracycline; p53 (Mansilla, S. (540) 34)

Keratinocyte

ATP; UTP; P2Y receptor; HaCaT cell; Interleukin-6 (Yoshida, H. (540) 1)

Ketamine

D-Amino acid oxidase; Anesthetics; NMDA receptor; Schizophrenia; Serine racemase (Takeyama, K. (540) 82)

KR-31378

Cell hypertrophy; Congestive heart failure; Myocardial infarction; ATP-sensitive potassium channel (Hwang, G.S. (540) 131)

Lipid peroxidation

Hypoxic hypoxia; Melatonin; Oxidative stress; Liver (El-Sokkary, G.H. (540) 107)

Liver

Hypoxic hypoxia; Melatonin; Oxidative stress; Lipid peroxidation (El-Sokkary, G.H. (540) 107)

Lung parenchyma

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; Edema; FRC; FVC; IC; MMEF; Cchord; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

Lymphocyte

Anesthetics; Propofol; Oxidative stress; Neuron (Chikutei, K.-i. (540) 18)

Mast cell

Angiotensin II; Edema; Carrageenan; Dextran (Carvalho, R.F. (540) 175)

MCH-1 receptor antagonists

Depression; Anxiety; (Rat); (Mouse) (Basso, A.M. (540) 115)

Melatonin

Hypoxic hypoxia; Oxidative stress; Lipid peroxidation; Liver (El-Sokkary, G.H. (540) 107)

Mitotic catastrophe

Transcriptome; WP631; Anthracycline; Jurkat T lymphocyte; p53 (Mansilla, S. (540) 34)

MMEF

Allergic inflammation; Forced expiratory maneuver; Forced oscillation; Edema; FRC; FVC; IC; Cchord; Lung parenchyma; Goblet cell; Brown-Norway rat (Celly, C.S. (540) 147)

(Mouse)

Tyr-D-Arg-Phe-sarcosine; Dermorphin; Antinociception; Spinal cord; μ-Opioid receptor (Mizoguchi, H. (540) 67)

(Rat); Anxiety; Depression; MCH-1 receptor antagonists (Basso, A.M. (540) 115)

Myocardial infarction

Cell hypertrophy; Congestive heart failure; KR-31378; ATP-sensitive potassium channel (Hwang, G.S. (540) 131)

Neuron

Anesthetics; Propofol; Oxidative stress; Lymphocyte (Chikutei, K.-i. (540) 18)

NF-κB [nuclear factor-kappa B]

WIN55212-2 [methanone mesylate]; IL-8 [interleukin-8]; IκB [inhibitory kappa B]; cannabinoid; CB₂ receptor; HT-29 (Mormina, M.E. (540) 183)

Nicotine

Cannabinoid system; Drug discrimination; Nicotinic acetylcholine receptor; Rat (Zaniewska, M. (540) 96)

Nicotinic acetylcholine receptor

Cannabinoid system; Drug discrimination; Nicotine; Rat (Zaniewska, M. (540) 96)

Nitric oxide

Acyclic nucleotide analogues; HPMPA (9-[2-Hydroxy-3-(phosphonome-thoxy)propyl]adenine); Immunostimulation; Cytokine (Potměšil, P. (540) 191)

NMDA receptor

D-Amino acid oxidase; Anesthetics; Ketamine; Schizophrenia; Serine racemase (Takeyama, K. (540) 82)

NO (Nitric oxide)

Aminoguanidine; Tolerance; Dependence (Abdel-Zaher, A.O. (540) 60)

NO-1886

Inflammatory cytokine; Atherosclerosis; Diabetes mellitus (Cai, M. (540) 139)

Noradrenaline

Conditioned fear; Selective serotonin reuptake inhibitor; Selective noradrenaline reuptake inhibitor; Serotonin; Anxiety disorder (Inoue, T. (540) 91)

Olanzapine

Dopamine D₂-receptor occupancy; In vivo; Raclopride; Dosage; Risperidone (Naiker, D.V. (540) 87)

μ-Opioid receptor

Tyr-D-Arg-Phe-sarcosine; Dermorphin; Antinociception; Spinal cord; (Mouse) (Mizoguchi, H. (540) 67)

κ-opioid receptor

Planaria; Schild (*pA₂*) analysis (Raffa, R.B. (540) 200)

Organic anion transporter

Probenecid; TR–rat; Adefovir clearance (Servais, A. (540) 168)

Oxidative stress

Anesthetics; Propofol; Lymphocyte; Neuron (Chikutei, K.-i. (540) 18)

Hypoxic hypoxia; Melatonin; Lipid peroxidation; Liver (El-Sokkary, G.H. (540) 107)

P2Y receptor

ATP; UTP; HaCaT cell; Keratinocyte; Interleukin-6 (Yoshida, H. (540) 1)

p53

Mitotic catastrophe; Transcriptome; WP631; Anthracycline; Jurkat T lymphocyte (Mansilla, S. (540) 34)

Pactimibe

ACAT (Acyl-coenzyme A:cholesterol acyltransferase); Hypercholesterolemia; Atherosclerosis (Kitayama, K. (540) 121)

Pig heart

All-*trans* retinal; Carbonyl reductase; Quinone; Flavonoid (Shimada, H. (540) 46)

Planaria

κ-opioid receptor; Schild (*pA₂*) analysis (Raffa, R.B. (540) 200)

Probenecid

Organic anion transporter; TR–rat; Adefovir clearance (Servais, A. (540) 168)

Propofol

Anesthetics; Oxidative stress; Lymphocyte; Neuron (Chikutei, K.-i. (540) 18)

Prostate

α_{1L}-Adrenoceptor; RS-17053; WB 41011; Tamsulosin; Stroma (Gray, K.T. (540) 155)

Quinone

All-*trans* retinal; Carbonyl reductase; Flavonoid; Pig heart (Shimada, H. (540) 46)

Raclopride

Dopamine D₂-receptor occupancy; In vivo; Dosage; Olanzapine; Risperidone (Naiker, D.V. (540) 87)

Raf-1

Adenylyl cyclase superactivation; Human μ-opioid receptor (Yue, X. (540) 57)

Rat

Cannabinoid system; Drug discrimination; Nicotine; Nicotinic acetylcholine receptor (Zaniewska, M. (540) 96)

(Rat)

Anxiety; Depression; MCH-1 receptor antagonists; (Mouse) (Basso, A.M. (540) 115)

Reporter gene assay

I-CLiP (intramembrane cleaving protease); γ-Secretase inhibitor; SPP (single peptide peptidase) splice variant; S2P (Site-2 protease) cleavage (Dev, K.K. (540) 10)

Rho-kinase

Carbachol; Cholecystokinin; Human gallbladder; Y-27632 (Büyükaşar, K. (540) 162)

Risperidone

Dopamine D₂-receptor occupancy; In vivo; Raclopride; Dosage; Olanzapine (Naiker, D.V. (540) 87)

RS-17053

α_{1L}-Adrenoceptor; WB 41011; Tamsulosin; Prostate; Stroma (Gray, K.T. (540) 155)

S2P (Site-2 protease) cleavage

I-CLiP (intramembrane cleaving protease); γ-Secretase inhibitor; SPP (single peptide peptidase) splice variant; Reporter gene assay (Dev, K.K. (540) 10)

Schild (*pA₂*) analysis

κ-opioid receptor; *Planaria* (Raffa, R.B. (540) 200)

Schizophrenia

Glutamate; Antipsychotic; Confocal microscopy (Jordan, S. (540) 53)

D-Amino acid oxidase; Anesthetics; Ketamine; NMDA receptor; Serine racemase (Takeyama, K. (540) 82)

γ-Secretase inhibitor

I-CLiP (intramembrane cleaving protease); SPP (single peptide peptidase) splice variant; S2P (Site-2 protease) cleavage; Reporter gene assay (Dev, K.K. (540) 10)

Selective noradrenaline reuptake inhibitor

Conditioned fear; Selective serotonin reuptake inhibitor; Noradrenaline; Serotonin; Anxiety disorder (Inoue, T. (540) 91)

Selective serotonin reuptake inhibitor

Conditioned fear; Selective noradrenaline reuptake inhibitor; Noradrenaline; Serotonin; Anxiety disorder (Inoue, T. (540) 91)

Serine racemase

D-Amino acid oxidase; Anesthetics; Ketamine; NMDA receptor; Schizophrenia (Takeyama, K. (540) 82)

Serotonin

Conditioned fear; Selective serotonin reuptake inhibitor; Selective noradrenaline reuptake inhibitor; Noradrenaline; Anxiety disorder (Inoue, T. (540) 91)

Spinal cord

Tyr-D-Arg-Phe-sarcosine; Dermorphin; Antinociception; μ-Opioid receptor; (Mouse) (Mizoguchi, H. (540) 67)

TRPV1; Inflammation; Glutamate; Synaptic transmission; Substantia gelatinosa (Lappin, S.C. (540) 73)

SPP (single peptide peptidase) splice variant

I-CLiP (intramembrane cleaving protease); γ -Secretase inhibitor; S2P (Site-2 protease) cleavage; Reporter gene assay (Dev, K.K. (540) 10)

Stroma

α_{1L} -Adrenoceptor; RS-17053; WB 41011; Tamsulosin; Prostate (Gray, K.T. (540) 155)

Substantia gelatinosa

TRPV1; Spinal cord; Inflammation; Glutamate; Synaptic transmission (Lappin, S.C. (540) 73)

Synaptic transmission

TRPV1; Spinal cord; Inflammation; Glutamate; Substantia gelatinosa (Lappin, S.C. (540) 73)

Tamsulosin

α_{1L} -Adrenoceptor; RS-17053; WB 41011; Prostate; Stroma (Gray, K.T. (540) 155)

Tolerance

Aminoguanidine; NO (Nitric oxide); Dependence (Abdel-Zaher, A.O. (540) 60)

TR-rat

Organic anion transporter; Probenecid; Adefovir clearance (Servais, A. (540) 168)

Transcriptome

Mitotic catastrophe; WP631; Anthracycline; Jurkat T lymphocyte; p53 (Mansilla, S. (540) 34)

TRPV1

Spinal cord; Inflammation; Glutamate; Synaptic transmission; Substantia gelatinosa (Lappin, S.C. (540) 73)

Tyr-D-Arg-Phe-sarcosine

Dermorphin; Antinociception; Spinal cord; μ -Opioid receptor; (Mouse) (Mizoguchi, H. (540) 67)

UTP

ATP; P2Y receptor; HaCaT cell; Keratinocyte; Interleukin-6 (Yoshida, H. (540) 1)

WB 41011

α_{1L} -Adrenoceptor; RS-17053; Tamsulosin; Prostate; Stroma (Gray, K.T. (540) 155)

WIN55212-2 [methanone mesylate]

IL-8 [interleukin-8]; I κ B [inhibitory kappa B]; NF- κ B [nuclear factor-kappa B]; cannabinoid; CB₂ receptor; HT-29 (Mormina, M.E. (540) 183)

WP631

Mitotic catastrophe; Transcriptome; Anthracycline; Jurkat T lymphocyte; p53 (Mansilla, S. (540) 34)

Y-27632

Carbachol; Cholecystokinin; Human gallbladder; Rho-kinase (Büyükaşar, K. (540) 162)