

Keyword index

A_{2A} knockout

Adenosine; Adenosine A_{2A} receptor; ZM 241385; Autoradiography; (Mouse) (Kelly, M. (504) 55)

Acidosis

Tyrosine phosphorylation; Voltage-dependent calcium channel; Phosphatidylinositol 3 kinase; Spontaneously hypertensive, rat; Aorta (Rohra, D.K. (504) 105)

Adenosine

Adenosine A_{2A} receptor; ZM 241385; Autoradiography; A_{2A} knockout; (Mouse) (Kelly, M. (504) 55)

Adenosine A₁ receptor

Chronic constriction injury model; Neuropathic pain; Pharmacokinetic–pharmacodynamic modelling; Sparse data analysis; Anti-hyperalgesic effect; Anti-nociceptive effect (Schaddelee, M.P. (504) 7)

Adenosine A_{2A} receptor

Prejunctional adenosine receptor; Adenosine A_{2B} receptor; Immunohistochemistry; Noradrenaline release; Tail artery, rat (Diniz, C. (504) 17)

Adenosine; ZM 241385; Autoradiography; A_{2A} knockout; (Mouse) (Kelly, M. (504) 55)

Adenosine A_{2B} receptor

Prejunctional adenosine receptor; Adenosine A_{2A} receptor; Immunohistochemistry; Noradrenaline release; Tail artery, rat (Diniz, C. (504) 17)

α₂-Adrenoceptor antagonist

Atypical antipsychotic drug; Microdialysis; Catecholamine; Caudate nucleus (Pira, L. (504) 61)

Agmatine

Morphine; Dependence; Withdrawal; cAMP; Tyrosine hydroxylase (Aricioglu, F. (504) 191)

Airway inflammation

Leukotriene receptor antagonist; Leukotriene CysLT₁ receptor; Cysteinyl-leukotriene; Asthma (Ferrari, F. (504) 223)

Alcohol abuse

Alcohol dependence; Saccharin; HEP, rat; Taste preference (Terenina-Rigaldie, E. (504) 199)

Alcohol dependence

Alcohol abuse; Saccharin; HEP, rat; Taste preference (Terenina-Rigaldie, E. (504) 199)

Allergy

LFA-1 antibody; Atopic dermatitis (Ohmura, T. (504) 113)

Antidepressant

Bupropion; Nomifensine; Dopamine D1 receptor; Dopamine D2 receptor; Forced swimming test (Yamada, J. (504) 207)

Anti-hyperalgesic effect

Adenosine A₁ receptor; Chronic constriction injury model; Neuropathic pain; Pharmacokinetic–pharmacodynamic modelling; Sparse data analysis; Anti-nociceptive effect (Schaddelee, M.P. (504) 7)

Anti-nociceptive effect

Adenosine A₁ receptor; Chronic constriction injury model; Neuropathic pain; Pharmacokinetic–pharmacodynamic modelling; Sparse data analysis; Anti-hyperalgesic effect (Schaddelee, M.P. (504) 7)

Anxiety

4-Butyl-α-agarofuran (AF-5); Monoamine neurotransmitter; Behavior; Tissue concentration; Microdialysis (Zhang, Y. (504) 39)

5-HT_{1A}; Predator stress; SSRI; Vilazodone (Adamec, R. (504) 65)

5-HT_{2A} receptor antagonist; Predator stress (Adamec, R. (504) 79)

Fluvoxamine; Milnacipran; Risperidone; Conditioned fear stress; (Mouse) (Miyamoto, J. (504) 97)

Aorta

Acidosis; Tyrosine phosphorylation; Voltage-dependent calcium channel; Phosphatidylinositol 3 kinase; Spontaneously hypertensive, rat (Rohra, D.K. (504) 105)

Arousal effect

Sleep latency; Chlorogenic acid; Caffeic acid; Dihydrocaffeic acid; Caffeine (Shinomiya, K. (504) 185)

Arthritis

G-protein; Inflammation; Complete Freund's adjuvant (Cichewicz, D.L. (504) 33)

Asthma

Leukotriene receptor antagonist; Leukotriene CysLT₁ receptor; Cysteinyl-leukotriene; Airway inflammation (Ferrari, F. (504) 223)

Atopic dermatitis

LFA-1 antibody; Allergy (Ohmura, T. (504) 113)

ATP-sensitive potassium channel

Basilar artery; Cromakalim; Diabetes; Insulin; Relaxation (Matsumoto, T. (504) 129)

Atypical antipsychotic drug

α₂-Adrenoceptor antagonist; Microdialysis; Catecholamine; Caudate nucleus (Pira, L. (504) 61)

Autoradiography

Adenosine; Adenosine A_{2A} receptor; ZM 241385; A_{2A} knockout; (Mouse) (Kelly, M. (504) 55)

Baclofen

CGP7930; Positive allosteric modulation of GABA_B receptor; γ -Hydroxybutyric acid (GHB); SCH 50911; DBA, mouse (Carai, M.A.M. (504) 213)

Basilar artery

Diabetes; Endothelium; Insulin; Oxidative stress; Relaxation (Matsumoto, T. (504) 119)

ATP-sensitive potassium channel; Cromakalim; Diabetes; Insulin; Relaxation (Matsumoto, T. (504) 129)

Behavior

4-Butyl- α -agarofuran (AF-5); Anxiety; Monoamine neurotransmitter; Tissue concentration; Microdialysis (Zhang, Y. (504) 39)

Bradykinin

Human, prostate; Prostate stromal cell; Prostate epithelial cell (Srinivasan, D. (504) 155)

Bupropion

Nomifensine; Dopamine D1 receptor; Dopamine D2 receptor; Antidepressant; Forced swimming test (Yamada, J. (504) 207)

4-Butyl- α -agarofuran (AF-5)

Anxiety; Monoamine neurotransmitter; Behavior; Tissue concentration; Microdialysis (Zhang, Y. (504) 39)

Caffeic acid

Sleep latency; Chlorogenic acid; Dihydrocaffeic acid; Caffeine; Arousal effect (Shinomiya, K. (504) 185)

Caffeine

Sleep latency; Chlorogenic acid; Caffeic acid; Dihydrocaffeic acid; Arousal effect (Shinomiya, K. (504) 185)

cAMP

Agmatine; Morphine; Dependence; Withdrawal; Tyrosine hydroxylase (Aricioglu, F. (504) 191)

Carrageenan

Hyperalgesia; Inflammation; TENS; Opioid; Electrotherapy (Resende, M.A. (504) 217)

Catecholamine

α_2 -Adrenoceptor antagonist; Atypical antipsychotic drug; Microdialysis; Caudate nucleus (Pira, L. (504) 61)

Caudate nucleus

α_2 -Adrenoceptor antagonist; Atypical antipsychotic drug; Microdialysis; Catecholamine (Pira, L. (504) 61)

Cell cycle analysis

Icariin; Icaritin; Desmethylicaritin; Phytoestrogen; Estrogenic activity; S phase; Reverse transcriptase-polymerase chain reaction (RT-PCR) (Wang, Z.-q. (504) 147)

cGMP

Serotonin; Transporter; PKG; Sildenafil; PDE5 (Zhu, C.-B. (504) 1)

CGP7930

Positive allosteric modulation of GABA_B receptor; Baclofen; γ -Hydroxybutyric acid (GHB); SCH 50911; DBA, mouse (Carai, M.A.M. (504) 213)

Chlorogenic acid

Sleep latency; Caffeic acid; Dihydrocaffeic acid; Caffeine; Arousal effect (Shinomiya, K. (504) 185)

Chronic constriction injury model

Adenosine A₁ receptor; Neuropathic pain; Pharmacokinetic-pharmacodynamic modelling; Sparse data analysis; Anti-hyperalgesic effect; Antinociceptive effect (Schaddelee, M.P. (504) 7)

Clozapine

Quinpirole; Vesicle; NGB2904; Eticlopride; Traffick (Truong, J.G. (504) 27)

Complete Freund's adjuvant

G-protein; Inflammation; Arthritis (Cichewicz, D.L. (504) 33)

Conditioned fear stress

Fluvoxamine; Milnacipran; Risperidone; Anxiety; (Mouse) (Miyamoto, J. (504) 97)

Cromakalim

ATP-sensitive potassium channel; Basilar artery; Diabetes; Insulin; Relaxation (Matsumoto, T. (504) 129)

Cysteinyl-leukotriene

Leukotriene receptor antagonist; Leukotriene CysLT₁ receptor; Asthma; Airway inflammation (Ferrari, F. (504) 223)

DBA, mouse

CGP7930; Positive allosteric modulation of GABA_B receptor; Baclofen; γ -Hydroxybutyric acid (GHB); SCH 50911 (Carai, M.A.M. (504) 213)

Dependence

Agmatine; Morphine; Withdrawal; cAMP; Tyrosine hydroxylase (Aricioglu, F. (504) 191)

Desmethylicaritin

Icariin; Icaritin; Phytoestrogen; Estrogenic activity; Cell cycle analysis; S phase; Reverse transcriptase-polymerase chain reaction (RT-PCR) (Wang, Z.-q. (504) 147)

Diabetes

Basilar artery; Endothelium; Insulin; Oxidative stress; Relaxation (Matsumoto, T. (504) 119)

ATP-sensitive potassium channel; Basilar artery; Cromakalim; Insulin; Relaxation (Matsumoto, T. (504) 129)

Dihydrocaffeic acid

Sleep latency; Chlorogenic acid; Caffeic acid; Caffeine; Arousal effect (Shinomiya, K. (504) 185)

Dopamine D1 receptor

Bupropion; Nomifensine; Dopamine D2 receptor; Antidepressant; Forced swimming test (Yamada, J. (504) 207)

Dopamine D2 receptor

Bupropion; Nomifensine; Dopamine D1 receptor; Antidepressant; Forced swimming test (Yamada, J. (504) 207)

Dynorphin A₁₋₁₇

Endomorphin-2; Spinal cord (Leitermann, R.J. (504) 177)

Electrotherapy

Hyperalgesia; Inflammation; TENS; Carrageenan; Opioid (Resende, M.A. (504) 217)

Endomorphin-2

Dynorphin A₁₋₁₇; Spinal cord (Leitermann, R.J. (504) 177)

Endothelium

Basilar artery; Diabetes; Insulin; Oxidative stress; Relaxation (Matsumoto, T. (504) 119)

Estrogenic activity

Icariin; Icaritin; Desmethylicaritin; Phytoestrogen; Cell cycle analysis; S phase; Reverse transcriptase-polymerase chain reaction (RT-PCR) (Wang, Z.-q. (504) 147)

Eticlopride

Quinpirole; Vesicle; NGB2904; Clozapine; Traffick (Truong, J.G. (504) 27)

Fluvoxamine

Milnacipran; Risperidone; Anxiety; Conditioned fear stress; (Mouse) (Miyamoto, J. (504) 97)

Forced swimming test

Bupropion; Nomifensine; Dopamine D1 receptor; Dopamine D2 receptor; Antidepressant (Yamada, J. (504) 207)

G-protein

Inflammation; Arthritis; Complete Freund's adjuvant (Cichewicz, D.L. (504) 33)

HEP, rat

Alcohol dependence; Alcohol abuse; Saccharin; Taste preference (Terenina-Rigaldie, E. (504) 199)

5-HT_{1A}

Anxiety; Predator stress; SSRI; Vilazodone (Adamec, R. (504) 65)

5-HT_{2A} receptor antagonist

Anxiety; Predator stress (Adamec, R. (504) 79)

Human, prostate

Bradykinin; Prostate stromal cell; Prostate epithelial cell (Srinivasan, D. (504) 155)

Huntington's disease

Nicotine; 3-Nitropropionica acid; Oxidative stress (Túnez, I. (504) 169)

Hyperalgesia

P2X receptors; Pain; Inflammation; Peripheral sensitization; Mechanosensitivity (Wu, G. (504) 45)

Inflammation; TENS; Carrageenan; Opioid; Electrotherapy (Resende, M.A. (504) 217)

γ-Hydroxybutyric acid (GHB)

CGP7930; Positive allosteric modulation of GABA_B receptor; Baclofen; SCH 50911; DBA, mouse (Carai, M.A.M. (504) 213)

Icariin

Icaritin; Desmethylicaritin; Phytoestrogen; Estrogenic activity; Cell cycle analysis; S phase; Reverse transcriptase-polymerase chain reaction (RT-PCR) (Wang, Z.-q. (504) 147)

Icaritin

Icariin; Desmethylicaritin; Phytoestrogen; Estrogenic activity; Cell cycle analysis; S phase; Reverse transcriptase-polymerase chain reaction (RT-PCR) (Wang, Z.-q. (504) 147)

Immunohistochemistry

Prejunctional adenosine receptor; Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Noradrenaline release; Tail artery, rat (Diniz, C. (504) 17)

Inflammation

G-protein; Arthritis; Complete Freund's adjuvant (Cichewicz, D.L. (504) 33)

P2X receptors; Pain; Hyperalgesia; Peripheral sensitization; Mechanosensitivity (Wu, G. (504) 45)

Hyperalgesia; TENS; Carrageenan; Opioid; Electrotherapy (Resende, M.A. (504) 217)

Insulin

Basilar artery; Diabetes; Endothelium; Oxidative stress; Relaxation (Matsumoto, T. (504) 119)

ATP-sensitive potassium channel; Basilar artery; Cromakalim; Diabetes; Relaxation (Matsumoto, T. (504) 129)

Insulin secretion

Quinolizidine alkaloid; Islet; *Lupinus*; K_{ATP} channel (García López, P.M. (504) 139)

Islet

Insulin secretion; Quinolizidine alkaloid; *Lupinus*; K_{ATP} channel (García López, P.M. (504) 139)

K_{ATP} channel

Insulin secretion; Quinolizidine alkaloid; Islet; *Lupinus* (García López, P.M. (504) 139)

Leukotriene CysLT₁ receptor

Leukotriene receptor antagonist; Cysteinyl-leukotriene; Asthma; Airway inflammation (Ferrari, F. (504) 223)

Leukotriene receptor antagonist

Leukotriene CysLT₁ receptor; Cysteinyl-leukotriene; Asthma; Airway inflammation (Ferrari, F. (504) 223)

LFA-1 antibody

Allergy; Atopic dermatitis (Ohmura, T. (504) 113)

Lupinus

Insulin secretion; Quinolizidine alkaloid; Islet; K_{ATP} channel (García López, P.M. (504) 139)

Mechanosensitivity

P2X receptors; Pain; Hyperalgesia; Inflammation; Peripheral sensitization (Wu, G. (504) 45)

Microdialysis

4-Butyl-α-agarofuran (AF-5); Anxiety; Monoamine neurotransmitter; Behavior; Tissue concentration (Zhang, Y. (504) 39)

α₂-Adrenoceptor antagonist; Atypical antipsychotic drug; Catecholamine; Caudate nucleus (Pira, L. (504) 61)

Milnacipran

Fluvoxamine; Risperidone; Anxiety; Conditioned fear stress; (Mouse) (Miyamoto, J. (504) 97)

Monoamine neurotransmitter

4-Butyl-α-agarofuran (AF-5); Anxiety; Behavior; Tissue concentration; Microdialysis (Zhang, Y. (504) 39)

Morphine

Agmatine; Dependence; Withdrawal; cAMP; Tyrosine hydroxylase (Aricioglu, F. (504) 191)

(Mouse)

Adenosine; Adenosine A_{2A} receptor; ZM 241385; Autoradiography; A_{2A} knockout (Kelly, M. (504) 55)

Fluvoxamine; Milnacipran; Risperidone; Anxiety; Conditioned fear stress (Miyamoto, J. (504) 97)

Neuropathic pain

Adenosine A₁ receptor; Chronic constriction injury model; Pharmacokinetic–pharmacodynamic modelling; Sparse data analysis; Anti-hyperalgesic effect; Anti-nociceptive effect (Schaddelee, M.P. (504) 7)

NGB2904

Quinpirole; Vesicle; Eticlopride; Clozapine; Traffick (Truong, J.G. (504) 27)

Nicotine

Huntington's disease; 3-Nitropropionica acid; Oxidative stress (Túnez, I. (504) 169)

3-Nitropropionica acid

Huntington's disease; Nicotine; Oxidative stress (Túnez, I. (504) 169)

Nomifensine

Bupropion; Dopamine D1 receptor; Dopamine D2 receptor; Antidepressant; Forced swimming test (Yamada, J. (504) 207)

Noradrenaline release

Prejunctional adenosine receptor; Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Immunohistochemistry; Tail artery, rat (Diniz, C. (504) 17)

Opioid

Hyperalgesia; Inflammation; TENS; Carrageenan; Electrotherapy (Resende, M.A. (504) 217)

Oxidative stress

Basilar artery; Diabetes; Endothelium; Insulin; Relaxation (Matsumoto, T. (504) 119)

Huntington's disease; Nicotine; 3-Nitropropionica acid (Túnez, I. (504) 169)

Pain

P2X receptors; Hyperalgesia; Inflammation; Peripheral sensitization; Mechanosensitivity (Wu, G. (504) 45)

PDE5

Serotonin; Transporter; cGMP; PKG; Sildenafil (Zhu, C.-B. (504) 1)

Peripheral sensitization

P2X receptors; Pain; Hyperalgesia; Inflammation; Mechanosensitivity (Wu, G. (504) 45)

Pharmacokinetic–pharmacodynamic modelling

Adenosine A₁ receptor; Chronic constriction injury model; Neuropathic pain; Sparse data analysis; Anti-hyperalgesic effect; Anti-nociceptive effect (Schaddelee, M.P. (504) 7)

Phosphatidylinositol 3 kinase

Acidosis; Tyrosine phosphorylation; Voltage-dependent calcium channel; Spontaneously hypertensive, rat; Aorta (Rohra, D.K. (504) 105)

Phytoestrogen

Icariin; Icaritin; Desmethylicaritin; Estrogenic activity; Cell cycle analysis; S phase; Reverse transcriptase-polymerase chain reaction (RT-PCR) (Wang, Z.-q. (504) 147)

PKG

Serotonin; Transporter; cGMP; Sildenafil; PDE5 (Zhu, C.-B. (504) 1)

Positive allosteric modulation of GABA_B receptor

CGP7930; Baclofen; γ -Hydroxybutyric acid (GHB); SCH 50911; DBA, mouse (Carai, M.A.M. (504) 213)

Predator stress

5-HT_{1A}; Anxiety; SSRI; Vilazodone (Adamec, R. (504) 65)

5-HT_{2A} receptor antagonist; Anxiety (Adamec, R. (504) 79)

Prejunctional adenosine receptor

Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Immunohistochemistry; Noradrenaline release; Tail artery, rat (Diniz, C. (504) 17)

Prostate epithelial cell

Bradykinin; Human, prostate; Prostate stromal cell (Srinivasan, D. (504) 155)

Prostate stromal cell

Bradykinin; Human, prostate; Prostate epithelial cell (Srinivasan, D. (504) 155)

P2X receptors

Pain; Hyperalgesia; Inflammation; Peripheral sensitization; Mechanosensitivity (Wu, G. (504) 45)

Quinolizidine alkaloid

Insulin secretion; Islet; *Lupinus*; K_{ATP} channel (Garcí López, P.M. (504) 139)

Quinpirole

Vesicle; NGB2904; Eticlopride; Clozapine; Traffick (Truong, J.G. (504) 27)

Relaxation

Basilar artery; Diabetes; Endothelium; Insulin; Oxidative stress (Matsumoto, T. (504) 119)

ATP-sensitive potassium channel; Basilar artery; Cromakalim; Diabetes; Insulin (Matsumoto, T. (504) 129)

Reverse transcriptase-polymerase chain reaction (RT-PCR)

Icariin; Icaritin; Desmethylicaritin; Phytoestrogen; Estrogenic activity; Cell cycle analysis; S phase (Wang, Z.-q. (504) 147)

Risperidone

Fluvoxamine; Milnacipran; Anxiety; Conditioned fear stress; (Mouse) (Miyamoto, J. (504) 97)

S phase

Icariin; Icaritin; Desmethylicaritin; Phytoestrogen; Estrogenic activity; Cell cycle analysis; Reverse transcriptase-polymerase chain reaction (RT-PCR) (Wang, Z.-q. (504) 147)

Saccharin

Alcohol dependence; Alcohol abuse; HEP, rat; Taste preference (Terenina-Rigaldie, E. (504) 199)

SCH 50911

CGP7930; Positive allosteric modulation of GABA_B receptor; Baclofen; γ -Hydroxybutyric acid (GHB); DBA, mouse (Carai, M.A.M. (504) 213)

Serotonin

Transporter; cGMP; PKG; Sildenafil; PDE5 (Zhu, C.-B. (504) 1)

Sildenafil

Serotonin; Transporter; cGMP; PKG; PDE5 (Zhu, C.-B. (504) 1)

Sleep latency

Chlorogenic acid; Caffeic acid; Dihydrocaffeic acid; Caffeine; Arousal effect (Shinomiya, K. (504) 185)

Sparse data analysis

Adenosine A₁ receptor; Chronic constriction injury model; Neuropathic pain; Pharmacokinetic–pharmacodynamic modelling; Anti-hyperalgesic effect; Anti-nociceptive effect (Schaddelee, M.P. (504) 7)

Spinal cord

Endomorphin-2; Dynorphin A_{1–17} (Leitermann, R.J. (504) 177)

Spontaneously hypertensive, rat

Acidosis; Tyrosine phosphorylation; Voltage-dependent calcium channel; Phosphatidylinositol 3 kinase; Aorta (Rohra, D.K. (504) 105)

SSRI

5-HT_{1A}; Anxiety; Predator stress; Vilazodone (Adamec, R. (504) 65)

Tail artery, rat

Prejunctional adenosine receptor; Adenosine A_{2A} receptor; Adenosine A_{2B} receptor; Immunohistochemistry; Noradrenaline release (Diniz, C. (504) 17)

Taste preference

Alcohol dependence; Alcohol abuse; Saccharin; HEP rat (Terenina-Rigaldie, E. (504) 199)

TENS

Hyperalgesia; Inflammation; Carrageenan; Opioid; Electrotherapy (Resende, M.A. (504) 217)

Tissue concentration

4-Butyl- α -agarofuran (AF-5); Anxiety; Monoamine neurotransmitter; Behavior; Microdialysis (Zhang, Y. (504) 39)

Traffick

Quinpirole; Vesicle; NGB2904; Eticlopride; Clozapine (Truong, J.G. (504) 27)

Transporter

Serotonin; cGMP; PKG; Sildenafil; PDE5 (Zhu, C.-B. (504) 1)

Tyrosine hydroxylase

Agmatine; Morphine; Dependence; Withdrawal; cAMP (Aricioglu, F. (504) 191)

Tyrosine phosphorylation

Acidosis; Voltage-dependent calcium channel; Phosphatidylinositol 3 kinase; Spontaneously hypertensive, rat; Aorta (Rohra, D.K. (504) 105)

Vesicle

Quinpirole; NGB2904; Eticlopride; Clozapine; Traffick (Truong, J.G. (504) 27)

Vilazodone

5-HT_{1A}; Anxiety; Predator stress; SSRI (Adamec, R. (504) 65)

Voltage-dependent calcium channel

Acidosis; Tyrosine phosphorylation; Phosphatidylinositol 3 kinase; Spontaneously hypertensive, rat; Aorta (Rohra, D.K. (504) 105)

Withdrawal

Agmatine; Morphine; Dependence; cAMP; Tyrosine hydroxylase (Aricioglu, F. (504) 191)

ZM 241385

Adenosine; Adenosine A_{2A} receptor; Autoradiography; A_{2A} knockout; (Mouse) (Kelly, M. (504) 55)