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Synaptic γ -aminobutyric acid (GABA) transmission; 5-HT $_{1A}$ receptors; Presynaptic modulation; Dissociated neuron and tandospirone (Kishimoto, K. (407) 257)

BP 897

Dopamine; D3 receptor; Microphysiometry; Radioligand binding (Wood, M.D. (407) 47)

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Nonvascular smooth muscle; Mitogen-activated protein kinase; Contraction; Prostaglandin $F_{2\alpha}$ (Yousufzai, S.Y.K. (407) 17)

Carboxypeptidase

Bradykinin; Bradykinin B₂ receptor; Neutral endopeptidase; Angiotensin I converting enzyme; Aminopeptidase P; Renal vasculature, rat (Bagaté, K. (407) 317)

Caspase

Neutrophil; Apoptosis inhibitory protein; Transcription factor; NF- κ B (nuclear factor- κ B); TNF- α (tumor necrosis factor- α) (Niwa, M. (407) 211)

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Cocaine; Norepinephrine; Purkinje cell; Microiontophoresis; Glutamate; (Rat) (Jiménez-Rivera, C.A. (407) 91)

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Immunosuppressant; Cyclosporine; Nitric oxide (NO); α_1 -Adrenoceptor (Ikese, H. (407) 221)

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Preconditioning; TNF- α (tumor necrosis factor- α); Glibenclamide; Heart, rat (Peng, J. (407) 303)

Chemosensitivity

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Cocaine

Cerebellum; Norepinephrine; Purkinje cell; Microiontophoresis; Glutamate; (Rat) (Jiménez-Rivera, C.A. (407) 91)

Contraction

Nonvascular smooth muscle; Mitogen-activated protein kinase; Prostaglandin F_{2 α} ; Carbachol (Yousufzai, S.Y.K. (407) 17)

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Eletriptan; GR125743; Middle meningeal artery; Migraine; Saphenous vein; Serotonin; Sumatriptan; (Human) (Van den Broek, R.W.M. (407) 165)

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Immunosuppressant; Nitric oxide (NO); α_1 -Adrenoceptor; C6 glioma cell (Ikese, H. (407) 221)

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Paroxetine; Microdialysis; 5-HT; Noradrenaline (Hajós-Korcsok, É. (407) 101)

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4-Aminopyridine; Apamin; Passive avoidance; (Mouse) (Inan, S.Y. (407) 159)

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Disopyramide

Cibenzoline; Ionic current; I_{Kr} ; I_{Ks} ; Rat sino-atrial nodal cell (Satoh, H. (407) 123)

Dissociated neuron and tandospirone

Basolateral amygdala; Synaptic γ -aminobutyric acid (GABA) transmission; 5-HT_{1A} receptors; Presynaptic modulation (Kishimoto, K. (407) 257)

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D3 receptor; BP 897; Microphysiometry; Radioligand binding (Wood, M.D. (407) 47)

Subiculum; Nucleus accumbens; Fimbria-fornix; Microdialysis; (Rat) (Mitchell, S.N. (407) 131)

Nicotine; Ethanol; Microdialysis; Nucleus accumbens; Selected line (Kianmaa, K. (407) 293)

D3 receptor

Dopamine; BP 897; Microphysiometry; Radioligand binding (Wood, M.D. (407) 47)

Eletriptan

Coronary artery; GR125743; Middle meningeal artery; Migraine; Saphenous vein; Serotonin; Sumatriptan; (Human) (Van den Broek, R.W.M. (407) 165)

Elevated plus-maze

Nicotine; Anxiety; α -Adrenoceptor; (Mouse) (Zarrindast, M.-R. (407) 145)

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Basilar artery; 5-HT (5-hydroxytryptamine, serotonin); Hypocapnia; Isocapnia; Alkaline (Zuccarello, M. (407) 191)

Endothelin receptor antagonism

Endothelin-1; Septic shock; Endotoxin (Wanecek, M. (407) 1)

Endotoxin

Endothelin-1; Endothelin receptor antagonism; Septic shock (Wanecek, M. (407) 1)

Ethanol

Dopamine; Nicotine; Microdialysis; Nucleus accumbens; Selected line (Kianmaa, K. (407) 293)

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Dopamine; Subiculum; Nucleus accumbens; Microdialysis; (Rat) (Mitchell, S.N. (407) 131)

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Gadd45

Apoptosis; Smooth muscle cell, vascular; p53; Troglitazone; Pioglitazone (Okura, T. (407) 227)

Glibenclamide

Preconditioning; CGRP (calcitonin gene-related peptide); TNF- α (tumor necrosis factor- α); Heart, rat (Peng, J. (407) 303)

Glioma

Telomerase; Chemosensitivity; Penclomedine; p53 (Vietor, M. (407) 27)

Glutamate

Nucleus tractus solitarii; Nitric oxide; Microdialysis (Lin, H.-C. (407) 83)

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Diazepam; Flumazenil; (Rat) (Khan, G.M. (407) 139)

G protein

Nociceptin; Inflammatory response; Histamine; Mast cell; ORL₁ receptor; (Rat) (Kimura, T. (407) 327)

GR125743

Coronary artery; Eletriptan; Middle meningeal artery; Migraine; Saphenous vein; Serotonin; Sumatriptan; (Human) (Van den Broek, R.W.M. (407) 165)

Guanylate cyclase

Nitric oxide (NO); Ambroxol (Severina, I.S. (407) 61)

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Mitoxantrone; Anti-muscarinic action; (Guinea pig) (Chugun, A. (407) 183)

Heart, rat

Preconditioning; CGRP (calcitonin gene-related peptide); TNF- α (tumor necrosis factor- α); Glibenclamide (Peng, J. (407) 303)

HEK293 cell

Ca²⁺ channel; Recombinant; Pharmacology (McNaughton, N.C.L. (407) 53)

Hippocampus

Adenosine; Chloroadenosine; Interneuron; Afterhyperpolarization (Li, H. (407) 237)

Histamine

Histamine release; Microdialysis; Veratrine; Ouabain (Washington, B. (407) 117)

Nociceptin; Inflammatory response; Mast cell; G protein; ORL₁ receptor; (Rat) (Kimura, T. (407) 327)

Histamine release

Histamine; Microdialysis; Veratrine; Ouabain (Washington, B. (407) 117)

Hot-plate test

Baclofen; Imipramine; Ligation; (Mouse) (Zarrindast, M.-R. (407) 65)

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Paroxetine; Desipramine; Microdialysis; Noradrenaline (Hajós-Korcsok, É. (407) 101)

5-HT (5-hydroxytryptamine, serotonin)

Endothelin-1; Basilar artery; Hypocapnia; Isocapnia; Alkaline (Zuccarello, M. (407) 191)

5-HT_{1A} receptor

Positron Emission Tomography (PET); P-glycoprotein (Passchier, J. (407) 273)

5-HT_{2A} receptor

5-HT transporter; Nefazodone (Pullar, I.A. (407) 39)

5-HT_{1A} receptors

Basolateral amygdala; Synaptic γ -aminobutyric acid (GABA) transmission; Presynaptic modulation; Dissociated neuron and tandospirone (Kishimoto, K. (407) 257)

5-HT transporter

5-HT_{2A} receptor; Nefazodone (Pullar, I.A. (407) 39)

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Dizocilpine (MK801); Levodopa; Microdialysis (Jonkers, N. (407) 281)

Hypocapnia

Endothelin-1; Basilar artery; 5-HT (5-hydroxytryptamine, serotonin); Isocapnia; Alkaline (Zuccarello, M. (407) 191)

I_{Kr}

Cibenzoline; Disopyramide; Ionic current; I_{Ks}; Rat sino-atrial nodal cell (Satoh, H. (407) 123)

I_{Ks}

Cibenzoline; Disopyramide; Ionic current; I_{Kr}; Rat sino-atrial nodal cell (Satoh, H. (407) 123)

Imipramine

Baclofen; Ligation; Hot-plate test; (Mouse) (Zarrindast, M.-R. (407) 65)

Immunosuppressant

Cyclosporine; Nitric oxide (NO); α_1 -Adrenoceptor; C6 glioma cell (Ikesue, H. (407) 221)

Inducible NO synthase

Tryptanthrin; Nitric oxide; Prostaglandin; Cyclooxygenase; Inflammation (Ishihara, T. (407) 197)

Inflammation

Tryptanthrin; Nitric oxide; Inducible NO synthase; Prostaglandin; Cyclooxygenase (Ishihara, T. (407) 197)

Inflammatory response

Nociceptin; Histamine; Mast cell; G protein; ORL₁ receptor; (Rat) (Kimura, T. (407) 327)

Information processing

Nicotine; Pre-pulse inhibition; Schizophrenia; (Rat) (Mirza, N.R. (407) 73)

Interneuron

Adenosine; Chloroadenosine; Hippocampus; Afterhyperpolarization (Li, H. (407) 237)

Intrathecal

Morphine; Zn²⁺; Antinociception; Tolerance; Dependence (Larson, A.A. (407) 267)

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Cibenzoline; Disopyramide; I_{Kr}; I_{Ks}; Rat sino-atrial nodal cell (Satoh, H. (407) 123)

Isocapnia

Endothelin-1; Basilar artery; 5-HT (5-hydroxytryptamine, serotonin); Hypocapnia; Alkaline (Zuccarello, M. (407) 191)

Levodopa

Dizocilpine (MK801); 6-Hydroxydopamine; Microdialysis (Jonkers, N. (407) 281)

Ligation

Baclofen; Imipramine; Hot-plate test; (Mouse) (Zarrindast, M.-R. (407) 65)

Lipolysis

Tachycardia; Rhesus (Forrest, M.J. (407) 175)

Mast cell

Nociceptin; Inflammatory response; Histamine; G protein; ORL₁ receptor; (Rat) (Kimura, T. (407) 327)

Microdialysis

Nucleus tractus solitarii; Nitric oxide; Glutamate (Lin, H.-C. (407) 83)

Paroxetine; Desipramine; 5-HT; Noradrenaline (Hajós-Korcsok, É. (407) 101)

Histamine; Histamine release; Veratrine; Ouabain (Washington, B. (407) 117)

Dopamine; Subiculum; Nucleus accumbens; Fimbria-fornix; (Rat) (Mitchell, S.N. (407) 131)

Dizocilpine (MK801); Levodopa; 6-Hydroxydopamine (Jonkers, N. (407) 281)

Dopamine; Nicotine; Ethanol; Nucleus accumbens; Selected line (Kiianmaa, K. (407) 293)

Microiontophoresis

Cocaine; Cerebellum; Norepinephrine; Purkinje cell; Glutamate; (Rat) (Jiménez-Rivera, C.A. (407) 91)

Microphysiometry

Dopamine; D3 receptor; BP 897; Radioligand binding (Wood, M.D. (407) 47)

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Coronary artery; Eletriptan; GR125743; Migraine; Saphenous vein; Serotonin; Sumatriptan; (Human) (Van den Broek, R.W.M. (407) 165)

Migraine

Coronary artery; Eletriptan; GR125743; Middle meningeal artery; Saphenous vein; Serotonin; Sumatriptan; (Human) (Van den Broek, R.W.M. (407) 165)

Mitogen-activated protein kinase

Nonvascular smooth muscle; Contraction; Prostaglandin F_{2α}; Carbachol (Yousufzai, S.Y.K. (407) 17)

Mitoxantrone

Heart; Anti-muscarinic action; (Guinea pig) (Chugun, A. (407) 183)

Morphine

Zn²⁺; Intrathecal; Antinociception; Tolerance; Dependence (Larson, A.A. (407) 267)

Nefazodone

5-HT transporter; 5-HT_{2A} receptor (Pullar, I.A. (407) 39)

Neuropeptide FF

Analgesia; Antinociception; Pain; Spinal cord; Supraspinal (Altier, N. (407) 245)

Neutral endopeptidase

Bradykinin; Bradykinin B₂ receptor; Carboxypeptidase; Angiotensin I converting enzyme; Aminopeptidase P; Renal vasculature, rat (Bagaté, K. (407) 317)

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Caspase; Apoptosis inhibitory protein; Transcription factor; NF-κB (nuclear factor-κB); TNF-α (tumor necrosis factor-α) (Niwa, M. (407) 211)

NF-κB (nuclear factor-κB)

Neutrophil; Caspase; Apoptosis inhibitory protein; Transcription factor; TNF-α (tumor necrosis factor-α) (Niwa, M. (407) 211)

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Pre-pulse inhibition; Schizophrenia; Information processing; (Rat) (Mirza, N.R. (407) 73)

Anxiety; Elevated plus-maze; α-Adrenoceptor; (Mouse) (Zarrindast, M.-R. (407) 145)

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Nucleus tractus solitarii; Glutamate; Microdialysis (Lin, H.-C. (407) 83)

Tryptanthrin; Inducible NO synthase; Prostaglandin; Cyclooxygenase; Inflammation (Ishihara, T. (407) 197)

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Nitric oxide (NO)

Guanylate cyclase; Ambroxol (Severina, I.S. (407) 61)

Immunosuppressant; Cyclosporine; α₁-Adrenoceptor; C6 glioma cell (Ikesue, H. (407) 221)

N-Methyl-D-aspartate receptor

S-Nitrosothiol; Nitric oxide (Travis, M.D. (407) 309)

Nociceptin

Inflammatory response; Histamine; Mast cell; G protein; ORL₁ receptor; (Rat) (Kimura, T. (407) 327)

Nociception

Capsaicin; Pain; Ricinoleic acid; Substance P; Tachykinin; (Guinea pig); (Mouse) (Vieira, C. (407) 109)

Nonvascular smooth muscle

Mitogen-activated protein kinase; Contraction; Prostaglandin F_{2α}; Carbachol (Yousufzai, S.Y.K. (407) 17)

Noradrenaline

Paroxetine; Desipramine; Microdialysis; 5-HT (Hajós-Korcsok, É. (407) 101)

Norepinephrine

Cocaine; Cerebellum; Purkinje cell; Microiontophoresis; Glutamate; (Rat) (Jiménez-Rivera, C.A. (407) 91)

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Dopamine; Nicotine; Ethanol; Microdialysis; Selected line (Kiianmaa, K. (407) 293)

Nucleus accumbens

Dopamine; Subiculum; Fimbria-fornix; Microdialysis; (Rat) (Mitchell, S.N. (407) 131)

Nucleus tractus solitarii

Nitric oxide; Glutamate; Microdialysis (Lin, H.-C. (407) 83)

Obesity

β3-adrenoceptor agonist (Forrest, M.J. (407) 175)

ORL₁ receptor

Nociceptin; Inflammatory response; Histamine; Mast cell; G protein; (Rat) (Kimura, T. (407) 327)

Ouabain

Histamine; Histamine release; Microdialysis; Veratrine (Washington, B. (407) 117)

p53

Glioma; Telomerase; Chemosensitivity; Penclomedine (Vietor, M. (407) 27)

Apoptosis; Smooth muscle cell, vascular; Gadd45; Troglitazone; Pioglitazone (Okura, T. (407) 227)

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Capsaicin; Nociception; Ricinoleic acid; Substance P; Tachykinin; (Guinea pig); (Mouse) (Vieira, C. (407) 109)

Analgesia; Antinociception; Neuropeptide FF; Spinal cord; Supraspinal (Altier, N. (407) 245)

Paroxetine

Desipramine; Microdialysis; 5-HT; Noradrenaline (Hajós-Korcsok, É. (407) 101)

Passive avoidance

4-Aminopyridine; 3,4-Diaminopyridine; Apamin; (Mouse) (Inan, S.Y. (407) 159)

Penclomedine

Glioma; Telomerase; Chemosensitivity; p53 (Vietor, M. (407) 27)

P-glycoprotein

5-HT_{1A} receptor; Positron Emission Tomography (PET) (Passchier, J. (407) 273)

Pharmacology

Ca²⁺ channel; Recombinant; HEK293 cell (McNaughton, N.C.L. (407) 53)

Pioglitazone

Apoptosis; Smooth muscle cell, vascular; p53; Gadd45; Troglitazone (Okura, T. (407) 227)

Positron Emission Tomography (PET)

5-HT_{1A} receptor; P-glycoprotein (Passchier, J. (407) 273)

Potent adenylate cyclase activator

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Preconditioning

CGRP (calcitonin gene-related peptide); TNF-α (tumor necrosis factor-α); Glibenclamide; Heart, rat (Peng, J. (407) 303)

Pre-pulse inhibition

Nicotine; Schizophrenia; Information processing; (Rat) (Mirza, N.R. (407) 73)

Presynaptic modulation

Basolateral amygdala; Synaptic γ-aminobutyric acid (GABA) transmission; 5-HT_{1A} receptors; Dissociated neuron and tandospirone (Kishimoto, K. (407) 257)

Prostaglandin

Tryptanthrin; Nitric oxide; Inducible NO synthase; Cyclooxygenase; Inflammation (Ishihara, T. (407) 197)

Prostaglandin F_{2α}

Nonvascular smooth muscle; Mitogen-activated protein kinase; Contraction; Carbachol (Yousufzai, S.Y.K. (407) 17)

Protein kinase-A

Potent adenylate cyclase activator; Protein phosphatase-1/protein phosphatase-2A (Parameswaran, N. (407) 205)

Protein phosphatase-1/protein phosphatase-2A

Potent adenylate cyclase activator; Protein kinase-A (Parameswaran, N. (407) 205)

Purkinje cell

Cocaine; Cerebellum; Norepinephrine; Microiontophoresis; Glutamate; (Rat) (Jiménez-Rivera, C.A. (407) 91)

Radioligand binding

Dopamine; D3 receptor; BP 897; Microphysiometry (Wood, M.D. (407) 47)

Rat sino-atrial nodal cell

Cibenzoline; Disopyramide; Ionic current; I_{Kr} ; I_{Ks} (Satoh, H. (407) 123)

Recombinant

Ca²⁺ channel; HEK293 cell; Pharmacology (McNaughton, N.C.L. (407) 53)

Renal vasculature, rat

Bradykinin; Bradykinin B₂ receptor; Carboxypeptidase; Neutral endopeptidase; Angiotensin I converting enzyme; Aminopeptidase P (Bagaté, K. (407) 317)

Retinoid

Bradykinin B₁ receptor; Umbilical vein, human (Sardi, S.P. (407) 313)

Rhesus

Lipolysis; Tachycardia (Forrest, M.J. (407) 175)

Ricinoleic acid

Capsaicin; Nociception; Pain; Substance P; Tachykinin; (Guinea pig); (Mouse) (Vieira, C. (407) 109)

Saphenous vein

Coronary artery; Eletriptan; GR125743; Middle meningeal artery; Migraine; Serotonin; Sumatriptan; (Human) (Van den Broek, R.W.M. (407) 165)

Schizophrenia

Nicotine; Pre-pulse inhibition; Information processing; (Rat) (Mirza, N.R. (407) 73)

Selected line

Dopamine; Nicotine; Ethanol; Microdialysis; Nucleus accumbens (Kianmaa, K. (407) 293)

Septic shock

Endothelin-1; Endothelin receptor antagonism; Endotoxin (Wanecek, M. (407) 1)

Serotonin

Coronary artery; Eletriptan; GR125743; Middle meningeal artery; Migraine; Saphenous vein; Sumatriptan; (Human) (Van den Broek, R.W.M. (407) 165)

Smooth muscle cell, vascular

Apoptosis; p53; Gadd45; Troglitazone; Pioglitazone (Okura, T. (407) 227)

S-Nitrosothiol

N-Methyl-D-aspartate receptor; Nitric oxide (Travis, M.D. (407) 309)

Spinal cord

Analgesia; Antinociception; Pain; Neuropeptide FF; Supraspinal (Altier, N. (407) 245)

Subiculum

Dopamine; Nucleus accumbens; Fimbria-fornix; Microdialysis; (Rat) (Mitchell, S.N. (407) 131)

Substance P

Capsaicin; Nociception; Pain; Ricinoleic acid; Tachykinin; (Guinea pig); (Mouse) (Vieira, C. (407) 109)

Sumatriptan

Coronary artery; Eletriptan; GR125743; Middle meningeal artery; Migraine; Saphenous vein; Serotonin; (Human) (Van den Broek, R.W.M. (407) 165)

Supraspinal

Analgesia; Antinociception; Pain; Neuropeptide FF; Spinal cord (Altier, N. (407) 245)

Synaptic γ -aminobutyric acid (GABA) transmission

Basolateral amygdala; 5-HT_{1A} receptors; Presynaptic modulation; Dissociated neuron and tandospirone (Kishimoto, K. (407) 257)

Tachycardia

Lipolysis; Rhesus (Forrest, M.J. (407) 175)

Tachykinin

Capsaicin; Nociception; Pain; Ricinoleic acid; Substance P; (Guinea pig); (Mouse) (Vieira, C. (407) 109)

Telomerase

Glioma; Chemosensitivity; Penclomedine; p53 (Vietor, M. (407) 27)

TNF- α (tumor necrosis factor- α)

Neutrophil; Caspase; Apoptosis inhibitory protein; Transcription factor; NF- κ B (nuclear factor- κ B) (Niwa, M. (407) 211)

Preconditioning; CGRP (calcitonin gene-related peptide); Glibenclamide; Heart, rat (Peng, J. (407) 303)

Tolerance

Morphine; Zn²⁺; Intrathecal; Antinociception; Dependence (Larson, A.A. (407) 267)

Transcription factor

Neutrophil; Caspase; Apoptosis inhibitory protein; NF- κ B (nuclear factor- κ B); TNF- α (tumor necrosis factor- α) (Niwa, M. (407) 211)

Troglitazone

Apoptosis; Smooth muscle cell, vascular; p53; Gadd45; Pioglitazone (Okura, T. (407) 227)

Tryptanthrin

Nitric oxide; Inducible NO synthase; Prostaglandin; Cyclooxygenase; Inflammation (Ishihara, T. (407) 197)

Umbilical vein, human

Bradykinin B₁ receptor; Retinoid (Sardi, S.P. (407) 313)

Veratrine

Histamine; Histamine release; Microdialysis; Ouabain (Washington, B. (407) 117)

Zn²⁺

Morphine; Intrathecal; Antinociception; Tolerance; Dependence (Larson, A.A. (407) 267)