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ANP (Atrial natriuretic peptide)

Atrial function; CGRP (Calcitonin gene-related peptide); Calcitonin; Amylin (Piao, F.L. (483) 295)

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Prefrontal cortex; Striatum; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Schizophrenia (Jordan, S. (483) 45)

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Appetite

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Artery mesenteric

K⁺ channel; Bisindolylmaleimide; PKC (protein kinase C); Smooth muscle; Patch-clamp; (Rat) (Kim, A. (483) 117)

Arylalkylamine

Amino acid; Dipeptide; CGP7930; Allosteric modulation; GABA_B receptor (Urwyl, S. (483) 147)

ATP

Presynaptic; Postsynaptic; P2X receptor; P2Y receptor (Illes, P. (483) 5)

P2X receptor; Site-directed mutagenesis; *Xenopus* oocyte; Membrane current (Nakazawa, K. (483) 29)

Atrial fibrillation

Action potential; Ethanol; Pulmonary vein (Chen, Y.-C. (483) 215)

Atrial function

CGRP (Calcitonin gene-related peptide); Calcitonin; ANP (Atrial natriuretic peptide); Amylin (Piao, F.L. (483) 295)

Binding affinity

Opioid receptor; μ -Opioid receptor agonist; 14-O-methyloxymorphone; Vas deferens, Mouse (Spetea, M. (483) 301)

Bisindolylmaleimide

K⁺ channel; PKC (protein kinase C); Artery mesenteric; Smooth muscle; Patch-clamp; (Rat) (Kim, A. (483) 117)

Blood

Nitroacetamol, Nitroflurbiprofen; Interleukin-1 β ; TNF- α (tumour necrosis factor- α); Lipopolysaccharide (Marshall, M. (483) 317)

Ca²⁺ channel

Estrogen; Tamoxifen; Ovariectomy; Gene expression; K⁺ channel; (Rat) (Tsang, S.Y. (483) 155)

Calcitonin

Atrial function; CGRP (Calcitonin gene-related peptide); ANP (Atrial natriuretic peptide); Amylin (Piao, F.L. (483) 295)

Cannabinoid CB₁ receptor

Appetite; Conditioned taste aversion; Ingestive behavior; Intracranial self-stimulation; Locomotor activity; Operant behavior; (Rat) (De Vry, J. (483) 55)

Caspase

Nitric oxide (NO); 7-Nitroindazole; Malonate; Oxidative stress (Paucard, A. (483) 259)

Catalepsy

GHB (γ -Hydroxybutyrate); Haloperidol; Dizocilpine; Synergism (Sevak, R.J. (483) 289)

Catechin

Eggigallocatechin-3 gallate; VEGF (vascular endothelial growth factor); Endothelial cell; Cell proliferation (Neuhaus, T. (483) 223)

CCR5 chemokine receptor

μ -Opioid receptor; Heterodimer; Cross-desensitization (Chen, C. (483) 175)

Cell line, stable

K_{ATP} channel; SUR2B; Urinary bladder; [¹²⁵I]-A-312110; K⁺ channel opener (Scott, V.E. (483) 195)

Cell proliferation

Catechin; Epgigallocatechin-3 gallate; VEGF (vascular endothelial growth factor); Endothelial cell (Neuhaus, T. (483) 223)

Cetiedil

RBL-2H3 cell; Mediator secretion; K⁺ channel blocker; Charybdotoxin (Narenjkar, J. (483) 95)

RBL-2H3 cell; Mast cell; Mediator release; K⁺ channels (Narenjkar, J. (483) 107)

CGP7930

Arylalkylamine; Amino acid; Dipeptide; Allosteric modulation; GABA_B receptor (Urwyler, S. (483) 147)

CGRP (Calcitonin gene-related peptide)

Atrial function; Calcitonin; ANP (Atrial natriuretic peptide); Amylin (Piao, F.L. (483) 295)

Charybdotoxin

RBL-2H3 cell; Mediator secretion; K⁺ channel blocker; Cetiedil (Narenjkar, J. (483) 95)

Cocaine

Satiety threshold; Pharmacokinetics; Pharmacodynamics; WIN 35,428 (Norman, A.B. (483) 281)

Cocaine sensitization

Locomotor hyperactivity; Immunity; Cytokine; Splenocyte proliferation; Interferon- γ (Kubera, M. (483) 309)

Cognitive impairment

Nerve agent; Prophylactic; Physostigmine; Scopolamine; Procyclidine; (Rat) (Myhrer, T. (483) 271)

Conditioned taste aversion

Appetite; Cannabinoid CB₁ receptor; Ingestive behavior; Intracranial self-stimulation; Locomotor activity; Operant behavior; (Rat) (De Vry, J. (483) 55)

Cross-desensitization

μ -Opioid receptor; CCR5 chemokine receptor; Heterodimer (Chen, C. (483) 175)

CTGF (connective tissue growth factor)

Ribozyme; TGF- β 1 (targeting transforming growth factor- β 1); Smooth muscle cell, vascular (Ando, H. (483) 207)

Cyclooxygenase-2

PPAR (peroxisome proliferator-activated receptor); Rosiglitazone; Inflammation, acute; iNOS (nitric oxide synthase inducible); ICAM-1 (intercellular adhesion molecule-1) (Cuzzocrea, S. (483) 79)

Cytochrome CYP 3A4

P-glycoprotein; MRP (Multidrug resistance-related protein); LRP (Lung resistance-related protein); LLC-PK₁ renal cell line; Rifampicin (Magnarin, M. (483) 19)

Cytokine

Cocaine sensitization; Locomotor hyperactivity; Immunity; Splenocyte proliferation; Interferon- γ (Kubera, M. (483) 309)

Dipeptide

Arylalkylamine; Amino acid; CGP7930; Allosteric modulation; GABA_B receptor (Urwyler, S. (483) 147)

Dizocilpine

GHB (γ -Hydroxybutyrate); Haloperidol; Catalepsy; Synergism (Sevak, R.J. (483) 289)

Dopamine

Prefrontal cortex; Striatum; 5-HT (5-hydroxytryptamine, serotonin); Antipsychotic; Schizophrenia (Jordan, S. (483) 45)

Antipsychotic; Dyskinesia; Extra-pyramidal symptom (Marchese, G. (483) 65)

Dyskinesia

Antipsychotic; Dopamine; Extra-pyramidal symptom (Marchese, G. (483) 65)

Eburnamonine

Muscarinic M₁–M₄ receptor; [³H]N-methylscopolamine binding, kinetics of; Acetylcholine (Maksay, G. (483) 229)

Epgigallocatechin-3 gallate

Catechin; VEGF (vascular endothelial growth factor); Endothelial cell; Cell proliferation (Neuhaus, T. (483) 223)

Endothelial cell

Vasorelaxation; Mesaconitine; Na⁺/Ca²⁺ exchanger; Na⁺ channel (Ogura, J. (483) 139)

Catechin; Epgigallocatechin-3 gallate; VEGF (vascular endothelial growth factor); Cell proliferation (Neuhaus, T. (483) 223)

Estrogen

Tamoxifen; Ovariectomy; Gene expression; K⁺ channel; Ca²⁺ channel; (Rat) (Tsang, S.Y. (483) 155)

Ethanol

Action potential; Atrial fibrillation; Pulmonary vein (Chen, Y.-C. (483) 215)

Excitatory amino acid

Morphine dependence; Glutamate; Nucleus accumbens; Neurotransmitter; Acamprosate; Riluzole (Sepúlveda, J. (483) 249)

Extra-pyramidal symptom

Antipsychotic; Dopamine; Dyskinesia (Marchese, G. (483) 65)

GABA_A receptor

Hyperalgesia, secondary; Gabapentin; Phenobarbital (da Motta, P.G. (483) 233)

GABA_B receptor

Arylalkylamine; Amino acid; Dipeptide; CGP7930; Allosteric modulation (Urwyler, S. (483) 147)

Gabapentin

Hyperalgesia, secondary; GABA_A receptor; Phenobarbital (da Motta, P.G. (483) 233)

Gene expression

Estrogen; Tamoxifen; Ovariectomy; K⁺ channel; Ca²⁺ channel; (Rat) (Tsang, S.Y. (483) 155)

GHB (γ -Hydroxybutyrate)

Haloperidol; Dizocilpine; Catalepsy; Synergism (Sevak, R.J. (483) 289)

Glutamate

Morphine dependence; Excitatory amino acid; Nucleus accumbens; Neurotransmitter; Acamprosate; Riluzole (Sepúlveda, J. (483) 249)

Guanylyl cyclase

Nitric oxide (NO); Streptonigrin (Severina, I.S. (483) 127)

Haloperidol

GHB (γ -Hydroxybutyrate); Dizocilpine; Catalepsy; Synergism (Sevak, R.J. (483) 289)

Heterodimer

μ -Opioid receptor; CCR5 chemokine receptor; Cross-desensitization (Chen, C. (483) 175)

HMG-CoA reductase

Organic anion transporter; Skeletal muscle; Rhabdomyolysis; Transport (Takeda, M. (483) 133)

[³H]/N-methylscopolamine binding, kinetics of

Muscarinic M₁–M₄ receptor; Eburnamonine; Acetylcholine (Maksay, G. (483) 229)

5-HT_{2C} receptor

5-HT (5-hydroxytryptamine, serotonin); Penile erection; Hypolocomotion; mCPP (*m*-chlorophenylpiperazine); Ro60-0175; SB242084; MDL100907; RS-127445 (Kimura, Y. (483) 37)

5-HT (5-hydroxytryptamine, serotonin)

5-HT_{2C} receptor; Penile erection; Hypolocomotion; mCPP (*m*-chlorophenylpiperazine); Ro60-0175; SB242084; MDL100907; RS-127445 (Kimura, Y. (483) 37)

Prefrontal cortex; Striatum; Dopamine; Antipsychotic; Schizophrenia (Jordan, S. (483) 45)

5-HT₃ receptor; 2-Methylserotonin; Writhing; Pain; Sensitization (Giordano, J. (483) 267)

5-HT₃ receptor

5-HT (5-hydroxytryptamine, serotonin); 2-Methylserotonin; Writhing; Pain; Sensitization (Giordano, J. (483) 267)

5-HT receptor antagonist

S-(+)-ketoprofen; Antinociception; Tropisetron; Methiothepin (Díaz-Reval, M.I. (483) 241)

Hydrogen peroxide

Neuroblastoma cell; Protein kinase B; MAP (mitogen-activated protein) kinase (Ruffels, J. (483) 163)

Hyperalgesia, secondary

GABA_A receptor; Gabapentin; Phenobarbital (da Motta, P.G. (483) 233)

Hypolocomotion

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor; Penile erection; mCPP (*m*-chlorophenylpiperazine); Ro60-0175; SB242084; MDL100907; RS-127445 (Kimura, Y. (483) 37)

[¹²⁵I]-A-312110

K_{ATP} channel; SUR2B; Cell line, stable; Urinary bladder; K⁺ channel opener (Scott, V.E. (483) 195)

ICAM-1 (intercellular adhesion molecule-1)

PPAR (peroxisome proliferator-activated receptor); Rosiglitazone; Inflammation, acute; iNOS (nitric oxide synthase inducible); Cyclooxygenase-2 (Cuzzocrea, S. (483) 79)

Immunity

Cocaine sensitization; Locomotor hyperactivity; Cytokine; Splenocyte proliferation; Interferon- γ (Kubera, M. (483) 309)

Inflammation, acute

PPAR (peroxisome proliferator-activated receptor); Rosiglitazone; iNOS (nitric oxide synthase inducible); Cyclooxygenase-2; ICAM-1 (intercellular adhesion molecule-1) (Cuzzocrea, S. (483) 79)

Ingestive behavior

Appetite; Cannabinoid CB₁ receptor; Conditioned taste aversion; Intracranial self-stimulation; Locomotor activity; Operant behavior; (Rat) (De Vry, J. (483) 55)

iNOS (nitric oxide synthase inducible)

PPAR (peroxisome proliferator-activated receptor); Rosiglitazone; Inflammation, acute; Cyclooxygenase-2; ICAM-1 (intercellular adhesion molecule-1) (Cuzzocrea, S. (483) 79)

Interferon- γ

Cocaine sensitization; Locomotor hyperactivity; Immunity; Cytokine; Splenocyte proliferation (Kubera, M. (483) 309)

Interleukin-1 β

Nitroacetamol, Nitroflurbiprofen; TNF- α (tumour necrosis factor- α); Lipopolysaccharide; Blood (Marshall, M. (483) 317)

Intracranial self-stimulation

Appetite; Cannabinoid CB₁ receptor; Conditioned taste aversion; Ingestive behavior; Locomotor activity; Operant behavior; (Rat) (De Vry, J. (483) 55)

K_{ATP} channel

SUR2B; Cell line, stable; Urinary bladder; [¹²⁵I]-A-312110; K⁺ channel opener (Scott, V.E. (483) 195)

K⁺ channel

Bisindolylmaleimide; PKC (protein kinase C); Artery mesenteric; Smooth muscle; Patch-clamp; (Rat) (Kim, A. (483) 117)

Estrogen; Tamoxifen; Ovariectomy; Gene expression; Ca²⁺ channel; (Rat) (Tsang, S.Y. (483) 155)

K⁺ channel blocker

RBL-2H3 cell; Mediator secretion; Charybdotoxin; Cetiedil (Narenjkar, J. (483) 95)

K⁺ channel opener

K_{ATP} channel; SUR2B; Cell line, stable; Urinary bladder; [¹²⁵I]-A-312110 (Scott, V.E. (483) 195)

K⁺ channels

RBL-2H3 cell; Mast cell; Mediator release; Cetiedil (Narenjkar, J. (483) 107)

KW-7

Antiplatelet; Phosphodiesterase inhibitor; Thromboxane (Wu, C.-C. (483) 187)

Lipopolysaccharide

Nitroacetamol, Nitroflurbiprofen; Interleukin-1 β ; TNF- α (tumour necrosis factor- α); Blood (Marshall, M. (483) 317)

LLC-PK₁ renal cell line

P-glycoprotein; MRP (Multidrug resistance-related protein); LRP (Lung resistance-related protein); Cytochrome CYP 3A4; Rifampicin (Magnanin, M. (483) 19)

Locomotor activity

Appetite; Cannabinoid CB₁ receptor; Conditioned taste aversion; Ingestive behavior; Intracranial self-stimulation; Operant behavior; (Rat) (De Vry, J. (483) 55)

Locomotor hyperactivity

Cocaine sensitization; Immunity; Cytokine; Splenocyte proliferation; Interferon- γ (Kubera, M. (483) 309)

LRP (Lung resistance-related protein)

P-glycoprotein; MRP (Multidrug resistance-related protein); Cytochrome CYP 3A4; LLC-PK₁ renal cell line; Rifampicin (Magnarin, M. (483) 19)

Malonate

Caspase; Nitric oxide (NO); 7-Nitroindazole; Oxidative stress (Paucard, A. (483) 259)

MAP (mitogen-activated protein) kinase

Y-27632; Smooth muscle; Airway; Phosphatidyl inositol 3-kinase; PDGF (platelet-derived growth factor) (Gosens, R. (483) 71)

Neuroblastoma cell; Hydrogen peroxide; Protein kinase B (Ruffels, J. (483) 163)

Mast cell

RBL-2H3 cell; Mediator release; K⁺ channels; Cetiedil (Narenjkar, J. (483) 107)

mCPP (*m*-chlorophenylpiperazine)

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor; Penile erection; Hypolocomotion; Ro60-0175; SB242084; MDL100907; RS-127445 (Kimura, Y. (483) 37)

MDL100907

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor; Penile erection; Hypolocomotion; mCPP (*m*-chlorophenylpiperazine); Ro60-0175; SB242084; RS-127445 (Kimura, Y. (483) 37)

Mediator release

RBL-2H3 cell; Mast cell; K⁺ channels; Cetiedil (Narenjkar, J. (483) 107)

Mediator secretion

RBL-2H3 cell; K⁺ channel blocker; Charybdotoxin; Cetiedil (Narenjkar, J. (483) 95)

Membrane current

P2X receptor; ATP; Site-directed mutagenesis; *Xenopus* oocyte (Nakazawa, K. (483) 29)

Mesaconitine

Vasorelaxation; Endothelial cell; Na⁺/Ca²⁺ exchanger; Na⁺ channel (Ogura, J. (483) 139)

Methiothepin

S-(+)-ketoprofen; Antinociception; Tropisetron; 5-HT receptor antagonist (Díaz-Reval, M.I. (483) 241)

2-Methylserotonin

5-HT₃ receptor; 5-HT (5-hydroxytryptamine, serotonin); Writhing; Pain; Sensitization (Giordano, J. (483) 267)

Microcalorimetry

Affinity; Protonation (Raffa, R.B. (483) 323)

Morphine dependence

Glutamate; Excitatory amino acid; Nucleus accumbens; Neurotransmitter; Acamprosate; Riluzole (Sepúlveda, J. (483) 249)

MRP (Multidrug resistance-related protein)

P-glycoprotein; LRP (Lung resistance-related protein); Cytochrome CYP 3A4; LLC-PK₁ renal cell line; Rifampicin (Magnarin, M. (483) 19)

Muscarinic M₁–M₄ receptor

[³H]*N*-methylscopolamine binding, kinetics of; Eburnamonine; Acetylcholine (Maksay, G. (483) 229)

Na⁺/Ca²⁺ exchanger

Vasorelaxation; Mesaconitine; Endothelial cell; Na⁺ channel (Ogura, J. (483) 139)

Na⁺ channel

Vasorelaxation; Mesaconitine; Endothelial cell; Na⁺/Ca²⁺ exchanger (Ogura, J. (483) 139)

Nerve agent

Prophylactic; Physostigmine; Scopolamine; Procyclidine; Cognitive impairment; (Rat) (Myhrer, T. (483) 271)

Neuroblastoma cell

Hydrogen peroxide; Protein kinase B; MAP (mitogen-activated protein) kinase (Ruffels, J. (483) 163)

Neurotransmitter

Morphine dependence; Glutamate; Excitatory amino acid; Nucleus accumbens; Acamprosate; Riluzole (Sepúlveda, J. (483) 249)

Nitric oxide (NO)

Guanylyl cyclase; Streptonigrin (Severina, I.S. (483) 127)

Caspase; 7-Nitroindazole; Malonate; Oxidative stress (Paucard, A. (483) 259)

7-Nitroindazole

Caspase; Nitric oxide (NO); Malonate; Oxidative stress (Paucard, A. (483) 259)

Nitroparacetamol, Nitroflurbiprofen

Interleukin-1 β ; TNF- α (tumour necrosis factor- α); Lipopolysaccharide; Blood (Marshall, M. (483) 317)

Nucleus accumbens

Morphine dependence; Glutamate; Excitatory amino acid; Neurotransmitter; Acamprosate; Riluzole (Sepúlveda, J. (483) 249)

14-*O*-methyloxymorphone

Opioid receptor; μ -Opioid receptor agonist; Binding affinity; Vas deferens, Mouse (Spetea, M. (483) 301)

Operant behavior

Appetite; Cannabinoid CB₁ receptor; Conditioned taste aversion; Ingestive behavior; Intracranial self-stimulation; Locomotor activity; (Rat) (De Vry, J. (483) 55)

Opioid receptor

μ -Opioid receptor agonist; 14-*O*-methyloxymorphone; Binding affinity; Vas deferens, Mouse (Spetea, M. (483) 301)

μ -Opioid receptor

CCR5 chemokine receptor; Heterodimer; Cross-desensitization (Chen, C. (483) 175)

 μ -Opioid receptor agonist

Opioid receptor; 14-*O*-methyloxymorphone; Binding affinity; Vas deferens, Mouse (Spetea, M. (483) 301)

Organic anion transporter

Skeletal muscle; HMG-CoA reductase; Rhabdomyolysis; Transport (Takeda, M. (483) 133)

Ovariectomy

Estrogen; Tamoxifen; Gene expression; K⁺ channel; Ca²⁺ channel; (Rat) (Tsang, S.Y. (483) 155)

Oxidative stress

Caspase; Nitric oxide (NO); 7-Nitroindazole; Malonate (Paucard, A. (483) 259)

Pain

5-HT₃ receptor; 5-HT (5-hydroxytryptamine, serotonin); 2-Methylserotonin; Writhing; Sensitization (Giordano, J. (483) 267)

Patch-clamp

K⁺ channel; Bisindolylmaleimide; PKC (protein kinase C); Artery mesenteric; Smooth muscle; (Rat) (Kim, A. (483) 117)

PDGF (platelet-derived growth factor)

Y-27632; Smooth muscle; Airway; MAP (mitogen-activated protein) kinase; Phosphatidylinositol 3-kinase (Gosens, R. (483) 71)

Penile erection

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor; Hypolocomotion; mCPP (*m*-chlorophenylpiperazine); Ro60-0175; SB242084; MDL100907; RS-127445 (Kimura, Y. (483) 37)

P-glycoprotein

MRP (Multidrug resistance-related protein); LRP (Lung resistance-related protein); Cytochrome CYP 3A4; LLC-PK₁ renal cell line; Rifampicin (Magnarin, M. (483) 19)

Pharmacodynamics

Satiety threshold; Pharmacokinetics; Cocaine; WIN 35,428 (Norman, A.B. (483) 281)

Pharmacokinetics

Satiety threshold; Pharmacodynamics; Cocaine; WIN 35,428 (Norman, A.B. (483) 281)

Phenobarbital

Hyperalgesia, secondary; GABA_A receptor; Gabapentin (da Motta, P.G. (483) 233)

Phosphatidylinositol 3-kinase

Y-27632; Smooth muscle; Airway; MAP (mitogen-activated protein) kinase; PDGF (platelet-derived growth factor) (Gosens, R. (483) 71)

Phosphodiesterase inhibitor

Antiplatelet; Thromboxane; KW-7 (Wu, C.-C. (483) 187)

Physostigmine

Nerve agent; Prophylactic; Scopolamine; Procyclidine; Cognitive impairment; (Rat) (Myhrer, T. (483) 271)

PKC (protein kinase C)

K⁺ channel; Bisindolylmaleimide; Artery mesenteric; Smooth muscle; Patch-clamp; (Rat) (Kim, A. (483) 117)

Postsynaptic

Presynaptic; P2X receptor; P2Y receptor; ATP (Illes, P. (483) 5)

PPAR (peroxisome proliferator-activated receptor)

Rosiglitazone; Inflammation, acute; iNOS (nitric oxide synthase inducible); Cyclooxygenase-2; ICAM-1 (intercellular adhesion molecule-1) (Cuzzocrea, S. (483) 79)

Prefrontal cortex

Striatum; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Antipsychotic; Schizophrenia (Jordan, S. (483) 45)

Presynaptic

Postsynaptic; P2X receptor; P2Y receptor; ATP (Illes, P. (483) 5)

Procyclidine

Nerve agent; Prophylactic; Physostigmine; Scopolamine; Cognitive impairment; (Rat) (Myhrer, T. (483) 271)

Prophylactic

Nerve agent; Physostigmine; Scopolamine; Procyclidine; Cognitive impairment; (Rat) (Myhrer, T. (483) 271)

Protein kinase B

Neuroblastoma cell; Hydrogen peroxide; MAP (mitogen-activated protein) kinase (Ruffels, J. (483) 163)

Protonation

Affinity; Microcalorimetry (Raffa, R.B. (483) 323)

Pulmonary vein

Action potential; Atrial fibrillation; Ethanol (Chen, Y.-C. (483) 215)

P2X receptor

Presynaptic; Postsynaptic; P2Y receptor; ATP (Illes, P. (483) 5)

ATP; Site-directed mutagenesis; *Xenopus* oocyte; Membrane current (Nakazawa, K. (483) 29)

P2Y receptor

Presynaptic; Postsynaptic; P2X receptor; ATP (Illes, P. (483) 5)

(Rat)

Appetite; Cannabinoid CB₁ receptor; Conditioned taste aversion; Ingestive behavior; Intracranial self-stimulation; Locomotor activity; Operant behavior (De Vry, J. (483) 55)

K⁺ channel; Bisindolylmaleimide; PKC (protein kinase C); Artery mesenteric; Smooth muscle; Patch-clamp (Kim, A. (483) 117)

Estrogen; Tamoxifen; Ovariectomy; Gene expression; K⁺ channel; Ca²⁺ channel (Tsang, S.Y. (483) 155)

Nerve agent; Prophylactic; Physostigmine; Scopolamine; Procyclidine; Cognitive impairment (Myhrer, T. (483) 271)

RBL-2H3 cell

Mediator secretion; K⁺ channel blocker; Charybdotoxin; Cetiedil (Narenjkar, J. (483) 95)

Mast cell; Mediator release; K⁺ channels; Cetiedil (Narenjkar, J. (483) 107)

Rhabdomyolysis

Organic anion transporter; Skeletal muscle; HMG-CoA reductase; Transport (Takeda, M. (483) 133)

Ribozyme

TGF- β 1 (targeting transforming growth factor- β 1); Smooth muscle cell, vascular; CTGF (connective tissue growth factor) (Ando, H. (483) 207)

Rifampicin

P-glycoprotein; MRP (Multidrug resistance-related protein); LRP (Lung resistance-related protein); Cytochrome CYP 3A4; LLC-PK₁ renal cell line (Magnarin, M. (483) 19)

Riluzole

Morphine dependence; Glutamate; Excitatory amino acid; Nucleus accumbens; Neurotransmitter; Acamprostate (Sepúlveda, J. (483) 249)

Ro60-0175

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor; Penile erection; Hypolocomotion; mCPP (*m*-chlorophenylpiperazine); SB242084; MDL100907; RS-127445 (Kimura, Y. (483) 37)

Rosiglitazone

PPAR (peroxisome proliferator-activated receptor); Inflammation, acute; iNOS (nitric oxide synthase inducible); Cyclooxygenase-2; ICAM-1 (intercellular adhesion molecule-1) (Cuzzocrea, S. (483) 79)

RS-127445

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor; Penile erection; Hypolocomotion; mCPP (*m*-chlorophenylpiperazine); Ro60-0175; SB242084; MDL100907 (Kimura, Y. (483) 37)

Satiety threshold

Pharmacokinetics; Pharmacodynamics; Cocaine; WIN 35,428 (Norman, A.B. (483) 281)

SB242084

5-HT (5-hydroxytryptamine, serotonin); 5-HT_{2C} receptor; Penile erection; Hypolocomotion; mCPP (*m*-chlorophenylpiperazine); Ro60-0175; MDL100907; RS-127445 (Kimura, Y. (483) 37)

Schizophrenia

Prefrontal cortex; Striatum; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Antipsychotic (Jordan, S. (483) 45)

Scopolamine

Nerve agent; Prophylactic; Physostigmine; Procyclidine; Cognitive impairment; (Rat) (Myhrer, T. (483) 271)

Sensitization

5-HT₃ receptor; 5-HT (5-hydroxytryptamine, serotonin); 2-Methylserotonin; Writhing; Pain (Giordano, J. (483) 267)

Site-directed mutagenesis

P2X receptor; ATP; *Xenopus* oocyte; Membrane current (Nakazawa, K. (483) 29)

Skeletal muscle

Organic anion transporter; HMG-CoA reductase; Rhabdomyolysis; Transport (Takeda, M. (483) 133)

S-(+)-ketoprofen

Antinociception; Tropisetron; Methiothepin; 5-HT receptor antagonist (Díaz-Reval, M.I. (483) 241)

Smooth muscle

Y-27632; Airway; MAP (mitogen-activated protein) kinase; Phosphatidyl inositol 3-kinase; PDGF (platelet-derived growth factor) (Gosens, R. (483) 71)

K⁺ channel; Bisindolylmaleimide; PKC (protein kinase C); Artery mesenteric; Patch-clamp; (Rat) (Kim, A. (483) 117)

Smooth muscle cell, vascular

Ribozyme; TGF- β 1 (targeting transforming growth factor- β 1); CTGF (connective tissue growth factor) (Ando, H. (483) 207)

Splenocyte proliferation

Cocaine sensitization; Locomotor hyperactivity; Immunity; Cytokine; Interferon- γ (Kubera, M. (483) 309)

Streptonigrin

Guanylyl cyclase; Nitric oxide (NO) (Severina, I.S. (483) 127)

Striatum

Prefrontal cortex; Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Antipsychotic; Schizophrenia (Jordan, S. (483) 45)

SUR2B

K_{ATP} channel; Cell line, stable; Urinary bladder; [¹²⁵I]-A-312110; K⁺ channel opener (Scott, V.E. (483) 195)

Synergism

GHB (γ -Hydroxybutyrate); Haloperidol; Dizocilpine; Catalepsy (Sevak, R.J. (483) 289)

Tamoxifen

Estrogen; Ovariectomy; Gene expression; K⁺ channel; Ca²⁺ channel; (Rat) (Tsang, S.Y. (483) 155)

TGF- β 1 (targeting transforming growth factor- β 1)

Ribozyme; Smooth muscle cell, vascular; CTGF (connective tissue growth factor) (Ando, H. (483) 207)

Thromboxane

Antiplatelet; Phosphodiesterase inhibitor; KW-7 (Wu, C.-C. (483) 187)

TNF- α (tumour necrosis factor- α)

Nitroparacetamol, Nitroflurbiprofen; Interleukin-1 β ; Lipopolysaccharide; Blood (Marshall, M. (483) 317)

Transport

Organic anion transporter; Skeletal muscle; HMG-CoA reductase; Rhabdomyolysis (Takeda, M. (483) 133)

Tropisetron

S-(+)-ketoprofen; Antinociception; Methiothepin; 5-HT receptor antagonist Díaz-Reval, M.I. (483) 241)

Urinary bladder

K_{ATP} channel; SUR2B; Cell line, stable; [¹²⁵I]-A-312110; K⁺ channel opener (Scott, V.E. (483) 195)

Vas deferens, Mouse

Opioid receptor; μ -Opioid receptor agonist; 14-*O*-methyloxymorphone; Binding affinity (Spetea, M. (483) 301)

Vasorelaxation

Mesaconitine; Endothelial cell; Na⁺/Ca²⁺ exchanger; Na⁺ channel (Ogura, J. (483) 139)

VEGF (vascular endothelial growth factor)

Catechin; Epigallocatechin-3 gallate; Endothelial cell; Cell proliferation (Neuhaus, T. (483) 223)

WIN 35,428

Satiety threshold; Pharmacokinetics; Pharmacodynamics; Cocaine (Norman, A.B. (483) 281)

Writhing

5-HT₃ receptor; 5-HT (5-hydroxytryptamine, serotonin); 2-Methylserotonin; Pain; Sensitization (Giordano, J. (483) 267)

***Xenopus* oocyte**

P2X receptor; ATP; Site-directed mutagenesis; Membrane current (Nakazawa, K. (483) 29)

Y-27632

Smooth muscle; Airway; MAP (mitogen-activated protein) kinase; Phosphatidyl inositol 3-kinase; PDGF (platelet-derived growth factor) (Gosens, R. (483) 71)