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ACTH (adrenocorticotrophic hormone)

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Levetiracetam; Paired-pulse inhibition/facilitation; GABAergic mechanism; Dentate gyrus, rat (Margineanu, D.G. (466) 255)

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Nitric oxide (NO); Antidepressant; Nerve cell culture; Neuroprotection; Monoamine oxidase A inhibitor (Boland, A. (466) 21)

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Arachidonate

Antioxidant; Capillary permeability; Reactive oxygen species (Alvarez-Guerra, M. (466) 199)

Ethamsylate; Antioxidant; Vascular permeability (Hannaert, P. (466) 207)

A7r5 cell

Ca $^{2+}$ channel, L-type; Dihydropyridine; Cilnidipine; Antisense; β -Subunit (Uchida, R. (466) 53)

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Barbiturate; 1,4-Butanediol; Drug discrimination; γ -Butyrolactone; Self-administration (McMahon, L.R. (466) 113)

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1,4-Butanediol

Barbiturate; Benzodiazepine; Drug discrimination; γ -Butyrolactone; Self-administration (McMahon, L.R. (466) 113)

 γ -Butyrolactone

Barbiturate; Benzodiazepine; 1,4-Butanediol; Drug discrimination; Self-administration (McMahon, L.R. (466) 113)

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Diltiazem; Ca^{2+} channel antagonist; Dihydropyridine receptor; Ca^{2+} ; Radioligand binding (Hagiwara, M. (466) 63)

 Ca^{2+} current

Bisindolylmaleimide I; Calphostin; Clelerythrine; K^{+} current; Protein kinase C (Voutilainen-Myllylä, S. (466) 41)

Caenorhabditis

Drosophila; Biogenic amine receptor (Roeder, T. (466) 85)

Calphostin

Bisindolylmaleimide I; Ca^{2+} current; Clelerythrine; K^{+} current; Protein kinase C (Voutilainen-Myllylä, S. (466) 41)

Cannabinoid

(*R*)-Methanandamide; Δ^9 -Tetrahydrocannabinol; SR-141716A; Behavior, schedule controlled; (Rat) (Järbe, T.U.C. (466) 121)

Cannabinoid CB1 receptor

Cerebellar granule neuron; Ethanol; Anandamide transport; Endocannabinoid (Basavarajappa, B.S. (466) 73)

Capillary permeability

Antioxidant; Arachidonate; Reactive oxygen species (Alvarez-Guerra, M. (466) 199)

Cardiac output

Urocortin; Arterial pressure; Peripheral resistance; Blood flow; Arterial conductance (Abdelrahman, A.M. (466) 317)

Cardiomyocyte

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Cell cycle

PPAR γ (Peroxisome proliferator-activated receptor γ); Smooth muscle cell, vascular; Cyclin D1 (Brummer, D. (466) 225)

Cerebellar granule neuron

Ethanol; Anandamide transport; Endocannabinoid; Cannabinoid CB1 receptor (Basavarajappa, B.S. (466) 73)

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Multidrug resistance protein; Vascular vessel (Mitani, A. (466) 223)

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Emesis; ACTH (adrenocorticotrophic hormone); Metirapone (Sam, T.S.W. (466) 163)

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Colitis

Adenosine; Cytokine; Chemokine (Mabley, J. (466) 323)

Cyclin D1

PPAR γ (Peroxisome proliferator-activated receptor γ); Smooth muscle cell, vascular; Cell cycle (Brummer, D. (466) 225)

CYP3A (Cytochrome P450 3A)

Omeprazole; Pantoprazole; St. John's wort; Induction of transcription; RT-PCR (reverse transcription-polymerase chain reaction) (Krusekopf, S. (466) 7)

Cytokine

Colitis; Adenosine; Chemokine (Mabley, J. (466) 323)

Dentate gyrus, rat

Levetiracetam; Paired-pulse inhibition/facilitation; GABAergic mechanism; Antiepileptic drug (Margineanu, D.G. (466) 255)

Dihydropyridine

Ca²⁺ channel, L-type; Cilnidipine; Antisense; β -Subunit; A7r5 cell (Uchida, R. (466) 53)

Dihydropyridine receptor

Ca²⁺ channel, L-type; Diltiazem; Ca²⁺ channel antagonist; Ca²⁺; Radioligand binding (Hagiwara, M. (466) 63)

Diltiazem

Ca²⁺ channel, L-type; Ca²⁺ channel antagonist; Dihydropyridine receptor; Ca²⁺; Radioligand binding (Hagiwara, M. (466) 63)

Dopamine metabolism

Rotenone; Mortality; HPLC (high-performance liquid chromatography); (Rat); Brain; 1-Methyl-1,2,3,4-tetrahydroisoquinoline (Antkiewicz-Michaluk, L. (466) 263)

d-opioid receptor

Autoradiography; G-protein coupling; Opioid receptor knockout (Oakley, S.M. (466) 91)

Drosophila

Caenorhabditis; Biogenic amine receptor (Roeder, T. (466) 85)

Drug discrimination

Barbiturate; Benzodiazepine; 1,4-Butanediol; γ -Butyrolactone; Self-administration (McMahon, L.R. (466) 113)

Emesis

Cisplatin; ACTH (adrenocorticotrophic hormone); Metyrapone (Sam, T.S.W. (466) 163)

Endocannabinoid

Cerebellar granule neuron; Ethanol; Anandamide transport; Cannabinoid CB1 receptor (Basavarajappa, B.S. (466) 73)

Endothelin ET_A receptor

Hypertension; K⁺ channel; Sympathetic system; Vascular tension; Angiotensin AT₁ receptor; Protein kinase C (Berg, T. (466) 301)

Epilepsy

Kindling; Seizure, nicotine-induced; Nicotinic receptor; NMDA receptor; Antiepileptic drug (Löscher, W. (466) 99)

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Antioxidant; Arachidonate; Vascular permeability (Hannaert, P. (466) 207)

Ethanol

Cerebellar granule neuron; Anandamide transport; Endocannabinoid; Cannabinoid CB1 receptor (Basavarajappa, B.S. (466) 73)

EUK-134

Oxygen radical; Superoxide dismutase; EUK-8; Superoxide anion; Multiple organ failure; Shock (McDonald, M.C. (466) 181)

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Oxygen radical; Superoxide dismutase; EUK-134; Superoxide anion; Multiple organ failure; Shock (McDonald, M.C. (466) 181)

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Glucagon; Imidazoline compound; Insulin; Pancreatic islet (Høy, M. (466) 213)

Famotidine

Monophasic action potential; Torsades de pointe; HERG; QT interval; Atrioventricular block (Sugiyama, A. (466) 137)

Furosemide

Loop diuretic; Vasoactivity; Resistance artery; (Human) (Pickkers, P. (466) 281)

GABAergic mechanism

Levetiracetam; Paired-pulse inhibition/facilitation; Antiepileptic drug; Dentate gyrus, rat (Margineanu, D.G. (466) 255)

Glucagon

Exocytosis; Imidazoline compound; Insulin; Pancreatic islet (Høy, M. (466) 213)

Glutathione

Semicarbazide-sensitive amine oxidase; Monoamine oxidase; Hydrogen peroxide; Isoprenaline; Tyramine; Adipose cell (Visentin, V. (466) 235)

G-protein coupling

Autoradiography; d-opioid receptor; Opioid receptor knockout (Oakley, S.M. (466) 91)

Heat shock protein

MAP (mitogen-activated protein) kinase; Neutrophil; TNF- α (tumor necrosis factor- α) (Niwa, M. (466) 245)

HEK-293 cell

Nicotinic receptor; α 6 Subunit; Chimera; (Human) (Evans, N.M. (466) 31)

HERG

Famotidine; Monophasic action potential; Torsades de pointe; QT interval; Atrioventricular block (Sugiyama, A. (466) 137)

High density lipoprotein (HDL) cholesterol

JTT-705; Cholesteryl ester transfer protein (CETP) inhibitor (Okamoto, H. (466) 147)

HPLC (high-performance liquid chromatography)

Rotenone; Mortality; Dopamine metabolism; (Rat); Brain; 1-Methyl-1,2,3,4-tetrahydroisoquinoline (Antkiewicz-Michaluk, L. (466) 263)

5-HT_{1A} receptor

Analgesia; Hyperalgesia; Pain; Tolerance (Bruins Slot, L.A. (466) 271)

(Human)

Nicotinic receptor; α 6 Subunit; Chimera; HEK-293 cell (Evans, N.M. (466) 31)

Loop diuretic; Furosemide; Vasoactivity; Resistance artery (Pickkers, P. (466) 281)

Hydrogen peroxide

Semicarbazide-sensitive amine oxidase; Monoamine oxidase; Glutathione; Isoprenaline; Tyramine; Adipose cell (Visentin, V. (466) 235)

Hyperalgesia

Analgesia; Pain; 5-HT_{1A} receptor; Tolerance (Bruins Slot, L.A. (466) 271)

Hypercholesterolemia, familial

TAK-475; Squalene synthase inhibitor; LDL receptor knockout, mouse; WHHL, rabbit (Amano, Y. (466) 155)

Hypertension

Aging; Clenbuterol; β -Adrenoceptor; Nitroergic innervation; Adrenergic innervation; Mesenteric artery, rat (Ferrer, M. (466) 289)

K⁺ channel; Sympathetic system; Vascular tension; Angiotensin AT₁ receptor; Endothelin ET_A receptor; Protein kinase C (Berg, T. (466) 301)

Imidazoline compound

Exocytosis; Glucagon; Insulin; Pancreatic islet (Høy, M. (466) 213)

Indoxyl sulfate

Organic anion transporter; Organic cation transporter; Proximal tubule; Uremia (Enomoto, A. (466) 13)

Induction of transcription

CYP3A (Cytochrome P450 3A); Omeprazole; Pantoprazole; St. John's wort; RT-PCR (reverse transcription–polymerase chain reaction) (Krusekopf, S. (466) 7)

Insulin

Exocytosis; Glucagon; Imidazoline compound; Pancreatic islet (Høy, M. (466) 213)

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Phospholipase A₂; NFκB (nuclear factor-κB); MAP (mitogen-activated protein) kinase; T-lymphocyte (Burgermeister, E. (466) 169)

Isoprenaline

Semicarbazide-sensitive amine oxidase; Monoamine oxidase; Glutathione; Hydrogen peroxide; Tyramine; Adipose cell (Visentin, V. (466) 235)

JTT-705

Cholesteryl ester transfer protein (CETP) inhibitor; High density lipoprotein (HDL) cholesterol (Okamoto, H. (466) 147)

K⁺ channel

Hypertension; Sympathetic system; Vascular tension; Angiotensin AT₁ receptor; Endothelin ET_A receptor; Protein kinase C (Berg, T. (466) 301)

K⁺ current

Bisindolylmaleimide I; Ca²⁺ current; Calphostin; Clelerythrine; Protein kinase C (Voutilainen-Myllylä, S. (466) 41)

Kindling

Seizure, nicotine-induced; Nicotinic receptor; NMDA receptor; Antiepileptic drug; Epilepsy (Löscher, W. (466) 99)

LDL receptor knockout, mouse

TAK-475; Squalene synthase inhibitor; Hypercholesterolemia, familial; WHHL, rabbit (Amano, Y. (466) 155)

Levetiracetam

Paired-pulse inhibition/facilitation; GABAergic mechanism; Antiepileptic drug; Dentate gyrus, rat (Margineanu, D.G. (466) 255)

Loop diuretic

Furosemide; Vasoactivity; Resistance artery; (Human) (Pickkers, P. (466) 281)

MAP (mitogen-activated protein) kinase

Phospholipase A₂; NFκB (nuclear factor-κB); Interleukin-2; T-lymphocyte (Burgermeister, E. (466) 169)

Heat shock protein; Neutrophil; TNF-α (tumor necrosis factor-α) (Niwa, M. (466) 245)

Mesenteric artery, rat

Aging; Clenbuterol; β-Adrenoceptor; Hypertension; Nitrgenic innervation; Adrenergic innervation (Ferrer, M. (466) 289)

1-Methyl-1,2,3,4-tetrahydroisoquinoline

Rotenone; Mortality; HPLC (high-performance liquid chromatography); Dopamine metabolism; (Rat); Brain (Antkiewicz-Michaluk, L. (466) 263)

Metirapone

Emesis; Cisplatin; ACTH (adrenocorticotrophic hormone) (Sam, T.S.W. (466) 163)

Monoamine oxidase

Semicarbazide-sensitive amine oxidase; Glutathione; Hydrogen peroxide; Isoprenaline; Tyramine; Adipose cell (Visentin, V. (466) 235)

Monoamine oxidase A inhibitor

Nitric oxide (NO); Antidepressant; Antioxidant; Nerve cell culture; Neuroprotection (Boland, A. (466) 21)

Monophasic action potential

Famotidine; Torsades de pointe; HERG; QT interval; Atrioventricular block (Sugiyama, A. (466) 137)

Mortality

Rotenone; HPLC (high-performance liquid chromatography); Dopamine metabolism; (Rat); Brain; 1-Methyl-1,2,3,4-tetrahydroisoquinoline (Antkiewicz-Michaluk, L. (466) 263)

Multidrug resistance protein

cGMP; Vascular vessel (Mitani, A. (466) 223)

Multiple organ failure

Oxygen radical; Superoxide dismutase; EUK-8; EUK-134; Superoxide anion; Shock (McDonald, M.C. (466) 181)

L-NAME (N^G-nitro-L-arginine methylester)

Nitric oxide (NO); NOS-2 knockout; NOS-3 knockout; α_{2A/D}-Adrenoceptor knockout (Vandeputte, C. (466) 129)

Nerve cell culture

Nitric oxide (NO); Antidepressant; Antioxidant; Neuroprotection; Monoamine oxidase A inhibitor (Boland, A. (466) 21)

Neurojunctional transmission

α_{1B}-Adrenoceptor; Neuropeptide Y Y₁ receptor; Splenic artery, canine (Yang, X.-P. (466) 311)

Neuropeptide Y Y₁ receptor

Neurojunctional transmission; α_{1B}-Adrenoceptor; Splenic artery, canine (Yang, X.-P. (466) 311)

Neuroprotection

Nitric oxide (NO); Antidepressant; Antioxidant; Nerve cell culture; Monoamine oxidase A inhibitor (Boland, A. (466) 21)

Neutrophil

Heat shock protein; MAP (mitogen-activated protein) kinase; TNF-α (tumor necrosis factor-α) (Niwa, M. (466) 245)

NFκB (nuclear factor-κB)

Phospholipase A₂; MAP (mitogen-activated protein) kinase; Interleukin-2; T-lymphocyte (Burgermeister, E. (466) 169)

Nicotinic receptor

α6 Subunit; Chimera; HEK-293 cell; (Human) (Evans, N.M. (466) 31)

Kindling; Seizure, nicotine-induced; NMDA receptor; Antiepileptic drug; Epilepsy (Löscher, W. (466) 99)

Nitrgergic innervation

Aging; Clenbuterol; β -Adrenoceptor; Hypertension; Adrenergic innervation; Mesenteric artery, rat (Ferrer, M. (466) 289)

Nitric oxide (NO)

Antidepressant; Antioxidant; Nerve cell culture; Neuroprotection; Monoamine oxidase A inhibitor (Boland, A. (466) 21)

NOS-2 knockout; NOS-3 knockout; $\alpha_{2A/D}$ -Adrenoceptor knockout; L-NAME (N^G -nitro-L-arginine methylester) (Vandeputte, C. (466) 129)

NMDA receptor

Kindling; Seizure, nicotine-induced; Nicotinic receptor; Antiepileptic drug; Epilepsy (Löscher, W. (466) 99)

NOS-2 knockout

Nitric oxide (NO); NOS-3 knockout; $\alpha_{2A/D}$ -Adrenoceptor knockout; L-NAME (N^G -nitro-L-arginine methylester) (Vandeputte, C. (466) 129)

NOS-3 knockout

Nitric oxide (NO); NOS-2 knockout; $\alpha_{2A/D}$ -Adrenoceptor knockout; L-NAME (N^G -nitro-L-arginine methylester) (Vandeputte, C. (466) 129)

Omeprazole

CYP3A (Cytochrome P450 3A); Pantoprazole; St. John's wort; Induction of transcription; RT-PCR (reverse transcription–polymerase chain reaction) (Krusekopf, S. (466) 7)

Opioid receptor knockout

Autoradiography; d-opioid receptor; G-protein coupling (Oakley, S.M. (466) 91)

Organic anion transporter

Organic cation transporter; Proximal tubule; Indoxyl sulfate; Uremia (Enomoto, A. (466) 13)

Organic cation transporter

Organic anion transporter; Proximal tubule; Indoxyl sulfate; Uremia (Enomoto, A. (466) 13)

Oxygen radical

Superoxide dismutase; EUK-8; EUK-134; Superoxide anion; Multiple organ failure; Shock (McDonald, M.C. (466) 181)

Pain

Analgesia; Hyperalgesia; 5-HT_{1A} receptor; Tolerance (Bruins Slot, L.A. (466) 271)

Paired-pulse inhibition/facilitation

Levetiracetam; GABAergic mechanism; Antiepileptic drug; Dentate gyrus, rat (Margineanu, D.G. (466) 255)

Pancreatic islet

Exocytosis; Glucagon; Imidazoline compound; Insulin (Høy, M. (466) 213)

Pantoprazole

CYP3A (Cytochrome P450 3A); Omeprazole; St. John's wort; Induction of transcription; RT-PCR (reverse transcription–polymerase chain reaction) (Krusekopf, S. (466) 7)

Peripheral resistance

Urocortin; Arterial pressure; Cardiac output; Blood flow; Arterial conductance (Abdelrahman, A.M. (466) 317)

Phospholipase A₂

NF κ B (nuclear factor- κ B); MAP (mitogen-activated protein) kinase; Interleukin-2; T-lymphocyte (Burgermeister, E. (466) 169)

PPAR γ (Peroxisome proliferator-activated receptor γ)

Smooth muscle cell, vascular; Cell cycle; Cyclin D1 (Brummer, D. (466) 225)

Protein kinase C

Bisindolylmaleimide I; Ca²⁺ current; Calphostin; Clelerythrine; K⁺ current (Voutilainen-Myllylä, S. (466) 41)

Hypertension; K⁺ channel; Sympathetic system; Vascular tension; Angiotensin AT₁ receptor; Endothelin ET_A receptor (Berg, T. (466) 301)

Proximal tubule

Organic anion transporter; Organic cation transporter; Indoxyl sulfate; Uremia (Enomoto, A. (466) 13)

QT interval

Famotidine; Monophasic action potential; Torsades de pointe; HERG; Atrioventricular block (Sugiyama, A. (466) 137)

Radioligand binding

Ca²⁺ channel, L-type; Diltiazem; Ca²⁺ channel antagonist; Dihydropyridine receptor; Ca²⁺ (Hagiwara, M. (466) 63)

(Rat)

Cannabinoid; (*R*)-Methanandamide; Δ^9 -Tetrahydrocannabinol; SR-141716A; Behavior, schedule controlled (Järbe, T.U.C. (466) 121)

Rotenone; Mortality; HPLC (high-performance liquid chromatography); Dopamine metabolism; Brain; 1-Methyl-1,2,3,4-tetrahydroisoquinoline (Antkiewicz-Michaluk, L. (466) 263)

Reactive oxygen species

Antioxidant; Arachidonate; Capillary permeability (Alvarez-Guerra, M. (466) 199)

Resistance artery

Loop diuretic; Furosemide; Vasoactivity; (Human) (Pickkers, P. (466) 281)

(*R*)-Methanandamide

Cannabinoid; Δ^9 -Tetrahydrocannabinol; SR-141716A; Behavior, schedule controlled; (Rat) (Järbe, T.U.C. (466) 121)

Rotenone

Mortality; HPLC (high-performance liquid chromatography); Dopamine metabolism; (Rat); Brain; 1-Methyl-1,2,3,4-tetrahydroisoquinoline (Antkiewicz-Michaluk, L. (466) 263)

RT-PCR (reverse transcription–polymerase chain reaction)

CYP3A (Cytochrome P450 3A); Omeprazole; Pantoprazole; St. John's wort; Induction of transcription (Krusekopf, S. (466) 7)

Seizure, nicotine-induced

Kindling; Nicotinic receptor; NMDA receptor; Antiepileptic drug; Epilepsy (Löscher, W. (466) 99)

Self-administration

Barbiturate; Benzodiazepine; 1,4-Butanediol; Drug discrimination; γ -Butyrolactone (McMahon, L.R. (466) 113)

Semicarbazide-sensitive amine oxidase

Monoamine oxidase; Glutathione; Hydrogen peroxide; Isoprenaline; Tyramine; Adipose cell (Visentin, V. (466) 235)

Shock

Oxygen radical; Superoxide dismutase; EUK-8; EUK-134; Superoxide anion; Multiple organ failure (McDonald, M.C. (466) 181)

Smooth muscle cell, vascular

PPAR γ (Peroxisome proliferator-activated receptor γ); Cell cycle; Cyclin D1 (Bruemmer, D. (466) 225)

Splenic artery, canine

Neurojunctional transmission; α_{1B} -Adrenoceptor; Neuropeptide Y Y_1 receptor (Yang, X.-P. (466) 311)

Squalene synthase inhibitor

TAK-475; Hypercholesterolemia, familial; LDL receptor knockout, mouse; WHHL, rabbit (Amano, Y. (466) 155)

SR-141716A

Cannabinoid; (*R*)-Methanandamide; Δ^9 -Tetrahydrocannabinol; Behavior, schedule controlled; (Rat) (Järbe, T.U.C. (466) 121)

St. John's wort

CYP3A (Cytochrome P450 3A); Omeprazole; Pantoprazole; Induction of transcription; RT-PCR (reverse transcription–polymerase chain reaction) (Krusekopf, S. (466) 7)

 $\alpha 6$ Subunit

Nicotinic receptor; Chimera; HEK-293 cell; (Human) (Evans, N.M. (466) 31)

 β -Subunit

Ca²⁺ channel, L-type; Dihydropyridine; Cilnidipine; Antisense; A7r5 cell (Uchida, R. (466) 53)

Superoxide anion

Oxygen radical; Superoxide dismutase; EUK-8; EUK-134; Multiple organ failure; Shock (McDonald, M.C. (466) 181)

Superoxide dismutase

Oxygen radical; EUK-8; EUK-134; Superoxide anion; Multiple organ failure; Shock (McDonald, M.C. (466) 181)

Sympathetic system

Hypertension; K⁺ channel; Vascular tension; Angiotensin AT₁ receptor; Endothelin ET_A receptor; Protein kinase C (Berg, T. (466) 301)

TAK-475

Squalene synthase inhibitor; Hypercholesterolemia, familial; LDL receptor knockout, mouse; WHHL, rabbit (Amano, Y. (466) 155)

TAS-202

Angiogenesis inhibitor; Adjuvant-induced arthritis (Tanaka, K. (466) 191)

 Δ^9 -Tetrahydrocannabinol

Cannabinoid; (*R*)-Methanandamide; SR-141716A; Behavior, schedule controlled; (Rat) (Järbe, T.U.C. (466) 121)

T-lymphocyte

Phospholipase A₂; NF κ B (nuclear factor- κ B); MAP (mitogen-activated protein) kinase; Interleukin-2 (Burgermeister, E. (466) 169)

TNF- α (tumor necrosis factor- α)

Heat shock protein; MAP (mitogen-activated protein) kinase; Neutrophil (Niwa, M. (466) 245)

Tolerance

Analgesia; Hyperalgesia; Pain; 5-HT_{1A} receptor (Bruins Slot, L.A. (466) 271)

Torsades de pointe

Famotidine; Monophasic action potential; HERG; QT interval; Atrioventricular block (Sugiyama, A. (466) 137)

Tyramine

Semicarbazide-sensitive amine oxidase; Monoamine oxidase; Glutathione; Hydrogen peroxide; Isoprenaline; Adipose cell (Visentin, V. (466) 235)

Uremia

Organic anion transporter; Organic cation transporter; Proximal tubule; Indoxyl sulfate (Enomoto, A. (466) 13)

Urocortin

Arterial pressure; Peripheral resistance; Cardiac output; Blood flow; Arterial conductance (Abdelrahman, A.M. (466) 317)

Vascular permeability

Ethamsylate; Antioxidant; Arachidonate (Hannaert, P. (466) 207)

Vascular tension

Hypertension; K⁺ channel; Sympathetic system; Angiotensin AT₁ receptor; Endothelin ET_A receptor; Protein kinase C (Berg, T. (466) 301)

Vascular vessel

cGMP; Multidrug resistance protein (Mitani, A. (466) 223)

Vasoactivity

Loop diuretic; Furosemide; Resistance artery; (Human) (Pickkers, P. (466) 281)

WHHL, rabbit

TAK-475; Squalene synthase inhibitor; Hypercholesterolemia, familial; LDL receptor knockout, mouse (Amano, Y. (466) 155)