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Cardiac hypertrophy

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U937; Transmigration; Endothelial cell; VLA-4 (very late activation antigen) (Kähler, C.M. (365) 65)

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Adenosine A_1 receptor; [^{35}S]GTP γ S binding; FK453; Schild analysis (Ito, H. (365) 309)

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FR140423; Anti-inflammation; Analgesia; Opioid; (Rat) (Ochi, T. (365) 259)

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Dexamethasone

Glioma, malignant; Gemcitabine; BCL-2 (B cell lymphoma-2); Chemotherapy (Rieger, J. (365) 301)

Dihydropyridine receptor

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2,5-Di-*tert*-butylhydroquinone

Ca^{2+} entry, capacitative; MDCK (Madin Darby canine kidney) cell; La^{3+} ; Gd^{3+} (Jan, C.-R. (365) 111)

Dopamine

Ro4-1284; Morris Water Maze; Passive avoidance; Hypothermia; Linolenic acid; α -Linolenic acid (Yehuda, S. (365) 27)

Cannabinoid; Amphetamine; Behavior; Locomotion; Sensitization; Psychosis (Gorriti, M.A. (365) 133)

Dopamine metabolism

Nifedipine, repeated; Morphine, acute; Antinociceptive effect; [3H]Nitrendipine binding; 5-HT (5-hydroxytryptamine, serotonin) metabolism (Piepponen, T.P. (365) 159)

Dopamine receptor

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Signal transduction; MAPK (mitogen-activated protein kinase); MAPK phosphatase; (Intracellular) (Haneda, M. (365) 1)

Dynorphin

Craving; Enkephalin; Self-administration; Substance P; Withdrawal (Cappendijk, S.L.T. (365) 175)

Electrical field stimulation

(-)-Stepholidine; Mesenteric small artery; Adrenoceptor; Dopamine receptor; (Rat) (Lei, S. (365) 193)

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Norepinephrine; Microdialysis; β -Adrenoceptor; α -Adrenoceptor; Hippocampus; Frontal cortex; Desmethylinipramine; (Rat) (Seo, D.O. (365) 39)

Enalapril

Captopril; Insulin resistance; Cardiac hypertrophy; Aorta; (Zucker rat) (Duarte, J. (365) 225)

 β -Endorphin

Grooming; Dopamine receptor; Oxytocin; Prolactin; ACTH-(1-24) (adrenocorticotrophic hormone-(1-24) (Drago, F. (365) 125)

Endothelial cell

U937; Transmigration; CD11/CD18; VLA-4 (very late activation antigen) (Kähler, C.M. (365) 65)

Endothelin ET_A receptor

Nitric oxide (NO); Platelet-derived growth factor; Transforming growth factor- β ; Mesangial cells (Hirahashi, J. (365) 119)

Endothelin receptor subtype

Bronchial biopsy; Pulmonary disease (Möller, S. (365) R1)

Enkephalin

Craving; Dynorphin; Self-administration; Substance P; Withdrawal (Capendijk, S.L.T. (365) 175)

FK453

Adenosine A₁ receptor; [³⁵S]GTP γ S binding; Cortex, rat; Schild analysis (Ito, H. (365) 309)

FR140423

Anti-inflammation; Cyclooxygenase-2; Analgesia; Opioid; (Rat) (Ochi, T. (365) 259)

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Norepinephrine; Microdialysis; β -Adrenoceptor; α -Adrenoceptor; Hippocampus; Electroshock; Desmethylinipramine; (Rat) (Seo, D.O. (365) 39)

Gd³⁺

2,5-Di-*tert*-butylhydroquinone; Ca²⁺ entry, capacitative; MDCK (Madin Darby canine kidney) cell; La³⁺ (Jan, C.-R. (365) 111)

Gemcitabine

Glioma, malignant; BCL-2 (B cell lymphoma-2); Chemotherapy; Dexamethasone (Rieger, J. (365) 301)

Gene expression

Prodynorphin; Methamphetamine; Brain; Hypothalamus; (Rat) (Romualdi, P. (365) 183)

Glibenclamide

Reperfusion arrhythmia; Glimepiride; (Rat, anaesthetized) (El-Reyani, N.E. (365) 187)

Burst channel opening; K⁺ channel; Levromakalim; Long lasting effect; Urethral resting tone; Voltage-independent activation (Teramoto, N. (365) 291)

Glimepiride

Reperfusion arrhythmia; Glibenclamide; (Rat, anaesthetized) (El-Reyani, N.E. (365) 187)

Glioma, malignant

Gemcitabine; BCL-2 (B cell lymphoma-2); Chemotherapy; Dexamethasone (Rieger, J. (365) 301)

Global ischaemia

(1S,3R)-ACPD [(1S,3R)-1-aminocyclopentane-1,3-dicarboxylate; Metabotropic glutamate receptor; Hippocampus; (Gerbil) (Henrich-Noack, P. (365) 55)

Grooming

Dopamine receptor; Oxytocin; Prolactin; ACTH-(1-24) (adrenocorticotrophic hormone-(1-24); β -Endorphin (Drago, F. (365) 125)

Guanylyl cyclase

Hemolysin; Vasodilatation; (*Vibrio vulnificus*); (Rat) (Kook, H. (365) 267)

Halothane

Calsequestrin; Ryanodine receptor; Dihydropyridine receptor; Oligomerization; Skeletal muscle (Froemming, G.R. (365) 91)

Heart rate

β_1 -Adrenoceptor; Nitric oxide (NO); cAMP; cGMP; (In vivo) (Whalen, E.J. (365) 217)

Hemodynamics

PACAP-27 (pituitary adenylate cyclase activating polypeptide-27); Nitric oxide (NO); (Rat) (Whalen, E.J. (365) 205)

Hemolysin

Vasodilatation; Guanylyl cyclase; (*Vibrio vulnificus*); (Rat) (Kook, H. (365) 267)

Hippocampus

Norepinephrine; Microdialysis; β -Adrenoceptor; α -Adrenoceptor; Frontal cortex; Electroshock; Desmethylinipramine; (Rat) (Seo, D.O. (365) 39)

(1S,3R)-ACPD [(1S,3R)-1-aminocyclopentane-1,3-dicarboxylate; Global ischaemia; Metabotropic glutamate receptor; (Gerbil) (Henrich-Noack, P. (365) 55)

H⁺,K⁺-ATPase

Parietal cell; Acid secretion; Signal transduction; Uncoupler; Mitochondria (Sugita, Y. (365) 77)

[³H]Nitrendipine binding

Nifedipine, repeated; Morphine, acute; Antinociceptive effect; Dopamine metabolism; 5-HT (5-hydroxytryptamine, serotonin) metabolism (Piepponen, T.P. (365) 159)

5-HT_{1A} autoreceptor

Alnespirone; 5-HT receptor; Dorsal raphe nucleus; Nerve impulse flow; Autoradiography (Le Poul, E. (365) 165)

5-HT (5-hydroxytryptamine, serotonin) metabolism

Nifedipine, repeated; Morphine, acute; Antinociceptive effect; [³H]Nitrendipine binding; Dopamine metabolism (Piepponen, T.P. (365) 159)

5-HT receptor

Alnespirone; 5-HT_{1A} autoreceptor; Dorsal raphe nucleus; Nerve impulse flow; Autoradiography (Le Poul, E. (365) 165)

Hypothalamus

Prodynorphin; Gene expression; Methamphetamine; Brain; (Rat) (Romualdi, P. (365) 183)

Hypothermia

Ro4-1284; Morris Water Maze; Passive avoidance; Dopamine; Linolenic acid; α -Linolenic acid (Yehuda, S. (365) 27)

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NMDA receptor; Morphine; Tolerance; Physical dependence (Zhu, H. (365) 47)

Insulin resistance

Captopril; Enalapril; Cardiac hypertrophy; Aorta; (Zucker rat) (Duarte, J. (365) 225)

Ionic channel

Reperfusion; Ventricular arrhythmia; (Rat) (Lu, H.R. (365) 233)

8-Iso-prostaglandin F_{2α}

Isoprostane; Lung, guinea-pig, isolated; Antigen-challenge; Radioimmunoassay (Montuschi, P. (365) 59)

Isoprostane

8-Iso-prostaglandin F_{2α}; Lung, guinea-pig, isolated; Antigen-challenge; Radioimmunoassay (Montuschi, P. (365) 59)

K⁺ channel

Burst channel opening; Glibenclamide; Levromakalim; Long lasting effect; Urethral resting tone; Voltage-independent activation (Teramoto, N. (365) 291)

La³⁺

2,5-Di-*tert*-butylhydroquinone; Ca²⁺ entry, capacitative; MDCK (Madin Darby canine kidney) cell; Gd³⁺ (Jan, C.-R. (365) 111)

Leptin receptor

Lung; *d_{b/db}* Mouse; Cell proliferation; MAP (mitogen-activated protein) kinase (Tsuchiya, T. (365) 273)

Levromakalim

Burst channel opening; Glibenclamide; K⁺ channel; Long lasting effect; Urethral resting tone; Voltage-independent activation (Teramoto, N. (365) 291)

Linolenic acid

Ro4-1284; Morris Water Maze; Passive avoidance; Hypothermia; Dopamine; α-Linolenic acid (Yehuda, S. (365) 27)

α-Linolenic acid

Ro4-1284; Morris Water Maze; Passive avoidance; Hypothermia; Dopamine; Linolenic acid (Yehuda, S. (365) 27)

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Aorta ring, rat; Nitric oxide (NO); Nitric oxide (NO) synthase; Nuclear factor-κB (NF-κB); Vascular tone (D'Acquisto, F. (365) 253)

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Cannabinoid; Amphetamine; Behavior; Sensitization; Dopamine; Psychosis (Gorriti, M.A. (365) 133)

Locomotor activity

Cocaine; Psychomotor effect (McCracken, K.A. (365) 35)

Long lasting effect

Burst channel opening; Glibenclamide; K⁺ channel; Levromakalim; Urethral resting tone; Voltage-independent activation (Teramoto, N. (365) 291)

Lung

Leptin receptor; *d_{b/db}* Mouse; Cell proliferation; MAP (mitogen-activated protein) kinase (Tsuchiya, T. (365) 273)

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8-Iso-prostaglandin F_{2α}; Isoprostane; Antigen-challenge; Radioimmunoassay (Montuschi, P. (365) 59)

MAPK (mitogen-activated protein kinase)

Signal transduction; Dual-specificity phosphatase; MAPK phosphatase; (Intracellular) (Haneda, M. (365) 1)

MAPK phosphatase

Signal transduction; MAPK (mitogen-activated protein kinase); Dual-specificity phosphatase; (Intracellular) (Haneda, M. (365) 1)

MAP (mitogen activated protein) kinase

Renin; Angiotensin; Aorta, rat; Nephrectomy (Kubo, T. (365) 103)

MAP (mitogen-activated protein) kinase

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MDCK (Madin Darby canine kidney) cell

2,5-Di-*tert*-butylhydroquinone; Ca²⁺ entry, capacitative; La³⁺; Gd³⁺ (Jan, C.-R. (365) 111)

Mesangial cells

Nitric oxide (NO); Platelet-derived growth factor; Transforming growth factor-β; Endothelin ET_A receptor (Hirahashi, J. (365) 119)

Mesenteric small artery

(–)-Stepholidine; Adrenoceptor; Dopamine receptor; Electrical field stimulation; (Rat) (Lei, S. (365) 193)

Metabotropic glutamate receptor

(1S,3R)-ACPD [(1S,3R)-1-aminocyclopentane-1,3-dicarboxylate; Global ischaemia; Hippocampus; (Gerbil) (Henrich-Noack, P. (365) 55)

Methamphetamine

Prodynorphin; Gene expression; Brain; Hypothalamus; (Rat) (Romualdi, P. (365) 183)

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Norepinephrine; β-Adrenoceptor; α-Adrenoceptor; Hippocampus; Frontal cortex; Electroschock; Desmethylinipramine; (Rat) (Seo, D.O. (365) 39)

Mitochondria

Parietal cell; Acid secretion; Signal transduction; Uncoupler; H⁺, K⁺-ATPase (Sugita, Y. (365) 77)

Morphine

NMDA receptor; In situ hybridization; Tolerance; Physical dependence (Zhu, H. (365) 47)

Morphine, acute

Nifedipine, repeated; Antinociceptive effect; [³H]Nitrendipine binding; Dopamine metabolism; 5-HT (5-hydroxytryptamine, serotonin) metabolism (Piepponen, T.P. (365) 159)

Morris Water Maze

Ro4-1284; Passive avoidance; Hypothermia; Dopamine; Linolenic acid; α-Linolenic acid (Yehuda, S. (365) 27)

***d_{b/db}* Mouse**

Leptin receptor; Lung; Cell proliferation; MAP (mitogen-activated protein) kinase (Tsuchiya, T. (365) 273)

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Myenteric plexus; 'Orphan' opioid receptor; Species homology (Osinski, M.A. (365) 281)

Myenteric plexus

'Orphan' opioid receptor; Species homology; mRNA expression (Osinski, M.A. (365) 281)

Naltrindole

Nefopam; Clonidine; Abdominal constriction assay; Tail immersion test; Opioid receptor antagonist; RX821002 (Gray, A.M. (365) 149)

Nefopam

Clonidine; Abdominal constriction assay; Tail immersion test; Opioid receptor antagonist; Naltrindole; RX821002 (Gray, A.M. (365) 149)

Nephrectomy

Renin; Angiotensin; MAP (mitogen activated protein) kinase; Aorta, rat (Kubo, T. (365) 103)

Nerve impulse flow

Alnespirone; 5-HT receptor; 5-HT_{1A} autoreceptor; Dorsal raphe nucleus; Autoradiography (Le Poul, E. (365) 165)

Nifedipine, repeated

Morphine, acute; Antinociceptive effect; [³H]Nitrendipine binding; Dopamine metabolism; 5-HT (5-hydroxytryptamine, serotonin) metabolism (Piepponen, T.P. (365) 159)

Nitric oxide (NO)

Platelet-derived growth factor; Transforming growth factor-β; Endothelin ET_A receptor; Mesangial cells (Hirahashi, J. (365) 119)

PACAP-27 (pituitary adenylate cyclase activating polypeptide-27); Hemodynamics; (Rat) (Whalen, E.J. (365) 205)

β₁-Adrenoceptor; Heart rate; cAMP; cGMP; (In vivo) (Whalen, E.J. (365) 217)

Aorta ring, rat; Lipopolysaccharide; Nitric oxide (NO) synthase; Nuclear factor-κB (NF-κB); Vascular tone (D'Acquisto, F. (365) 253)

Nitric oxide (NO) synthase

Aorta ring, rat; Lipopolysaccharide; Nitric oxide (NO); Nuclear factor-κB (NF-κB); Vascular tone (D'Acquisto, F. (365) 253)

NMDA receptor

Morphine; In situ hybridization; Tolerance; Physical dependence (Zhu, H. (365) 47)

Norepinephrine

Microdialysis; β-Adrenoceptor; α-Adrenoceptor; Hippocampus; Frontal cortex; Electroshock; Desmethylinipramine; (Rat) (Seo, D.O. (365) 39)

Nuclear factor-κB (NF-κB)

Aorta ring, rat; Lipopolysaccharide; Nitric oxide (NO); Nitric oxide (NO) synthase; Vascular tone (D'Acquisto, F. (365) 253)

Oligomerization

Halothane; Calsequestrin; Ryanodine receptor; Dihydropyridine receptor; Skeletal muscle (Froemming, G.R. (365) 91)

Opioid

FR140423; Anti-inflammation; Cyclooxygenase-2; Analgesia; (Rat) (Ochi, T. (365) 259)

δ-Opioid receptor

(−)-Thebaine; (+)-Thebaine; Stereoselectivity; Antinociception; μ-Opioid receptor; (Mouse) (Aceto, M.D. (365) 143)

μ-Opioid receptor

(−)-Thebaine; (+)-Thebaine; Stereoselectivity; Antinociception; δ-Opioid receptor; (Mouse) (Aceto, M.D. (365) 143)

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Nefopam; Clonidine; Abdominal constriction assay; Tail immersion test; Naltrindole; RX821002 (Gray, A.M. (365) 149)

'Orphan' opioid receptor

Myenteric plexus; Species homology; mRNA expression (Osinski, M.A. (365) 281)

Oxytocin

Grooming; Dopamine receptor; Prolactin; ACTH-(1-24) (adrenocorticotrophic hormone-(1-24); β-Endorphin (Drago, F. (365) 125)

PACAP-27 (pituitary adenylate cyclase activating polypeptide-27)

Nitric oxide (NO); Hemodynamics; (Rat) (Whalen, E.J. (365) 205)

Parietal cell

Acid secretion; Signal transduction; Uncoupler; Mitochondria; H⁺, K⁺-ATPase (Sugita, Y. (365) 77)

Passive avoidance

Ro4-1284; Morris Water Maze; Hypothermia; Dopamine; Linolenic acid; α-Linolenic acid (Yehuda, S. (365) 27)

Physical dependence

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Platelet-derived growth factor

Nitric oxide (NO); Transforming growth factor-β; Endothelin ET_A receptor; Mesangial cells (Hirahashi, J. (365) 119)

Prodynorphin

Gene expression; Methamphetamine; Brain; Hypothalamus; (Rat) (Romualdi, P. (365) 183)

Prolactin

Grooming; Dopamine receptor; Oxytocin; ACTH-(1-24) (adrenocorticotrophic hormone-(1-24); β-Endorphin (Drago, F. (365) 125)

Psychomotor effect

Cocaine; Locomotor activity (McCracken, K.A. (365) 35)

Psychosis

Cannabinoid; Amphetamine; Behavior; Locomotion; Sensitization; Dopamine (Gorriti, M.A. (365) 133)

Pulmonary artery

ATP-sensitive K⁺ channel; Spontaneously hypertensive rat (SHR); Thoracic aorta (Kwan, Y.W. (365) 241)

Pulmonary disease

Bronchial biopsy; Endothelin receptor subtype (Möller, S. (365) R1)

Radioimmunoassay

8-Iso-prostaglandin F_{2α}; Isoprostane; Lung, guinea-pig, isolated; Anti-gen-challenge (Montuschi, P. (365) 59)

Renin

Angiotensin; MAP (mitogen activated protein) kinase; Aorta, rat; Nephrectomy (Kubo, T. (365) 103)

Reperfusion

Ventricular arrhythmia; Ionic channel; (Rat) (Lu, H.R. (365) 233)

Reperfusion arrhythmia

Glibenclamide; Glimepiride; (Rat, anaesthetized) (El-Reyani, N.E. (365) 187)

Ro4-1284

Morris Water Maze; Passive avoidance; Hypothermia; Dopamine; Linolenic acid; α-Linolenic acid (Yehuda, S. (365) 27)

RX821002

Nefopam; Clonidine; Abdominal constriction assay; Tail immersion test; Opioid receptor antagonist; Naltrindole (Gray, A.M. (365) 149)

Ryanodine receptor

Halothane; Calsequestrin; Dihydropyridine receptor; Oligomerization; Skeletal muscle (Froemming, G.R. (365) 91)

Schild analysis

Adenosine A₁ receptor; [³⁵S]GTPγS binding; Cortex, rat; FK453 (Ito, H. (365) 309)

Self-administration

Craving; Dynorphin; Enkephalin; Substance P; Withdrawal (Cappendijk, S.L.T. (365) 175)

Sensitization

Cannabinoid; Amphetamine; Behavior; Locomotion; Dopamine; Psychosis (Gorriti, M.A. (365) 133)

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Spontaneously hypertensive rat (SHR)

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Stereoselectivity

(-)-Thebaine; (+)-Thebaine; Antinociception; μ-Opioid receptor; δ-Opioid receptor; (Mouse) (Aceto, M.D. (365) 143)

Stroke

Adenosine; Adenosine receptor; Cerebral ischemia; Treatment (Von Lubitz, D.K.J.E. (365) 9)

Substance P

Craving; Dynorphin; Enkephalin; Self-administration; Withdrawal (Cappendijk, S.L.T. (365) 175)

Tail immersion test

Nefopam; Clonidine; Abdominal constriction assay; Opioid receptor antagonist; Naltrindole; RX821002 (Gray, A.M. (365) 149)

(+)-Thebaine

(-)-Thebaine; Stereoselectivity; Antinociception; μ-Opioid receptor; δ-Opioid receptor; (Mouse) (Aceto, M.D. (365) 143)

(-)-Thebaine

(+)-Thebaine; Stereoselectivity; Antinociception; μ-Opioid receptor; δ-Opioid receptor; (Mouse) (Aceto, M.D. (365) 143)

Thoracic aorta

ATP-sensitive K⁺ channel; Spontaneously hypertensive rat (SHR); Pulmonary artery (Kwan, Y.W. (365) 241)

Tolerance

NMDA receptor; Morphine; In situ hybridization; Physical dependence (Zhu, H. (365) 47)

Transforming growth factor-β

Nitric oxide (NO); Platelet-derived growth factor; Endothelin ET_A receptor; Mesangial cells (Hirahashi, J. (365) 119)

Transmigration

U937; Endothelial cell; CD11/CD18; VLA-4 (very late activation antigen) (Kähler, C.M. (365) 65)

Treatment

Adenosine; Adenosine receptor; Cerebral ischemia; Stroke (Von Lubitz, D.K.J.E. (365) 9)

U937

Transmigration; Endothelial cell; CD11/CD18; VLA-4 (very late activation antigen) (Kähler, C.M. (365) 65)

Uncoupler

Parietal cell; Acid secretion; Signal transduction; Mitochondria; H⁺,K⁺-ATPase (Sugita, Y. (365) 77)

Urethral resting tone

Burst channel opening; Glibenclamide; K⁺ channel; Levromakalim; Long lasting effect; Voltage-independent activation (Teramoto, N. (365) 291)

Vascular tone

Aorta ring, rat; Lipopolysaccharide; Nitric oxide (NO); Nitric oxide (NO) synthase; Nuclear factor-κB (NF-κB) (D'Acquisto, F. (365) 253)

Vasodilatation

Hemolysin; Guanylyl cyclase; (*Vibrio vulnificus*); (Rat) (Kook, H. (365) 267)

Ventricular arrhythmia

Reperfusion; Ionic channel; (Rat) (Lu, H.R. (365) 233)

VLA-4 (very late activation antigen)

U937; Transmigration; Endothelial cell; CD11/CD18 (Kähler, C.M. (365) 65)

Voltage-independent activation

Burst channel opening; Glibenclamide; K⁺ channel; Levromakalim; Long lasting effect; Urethral resting tone (Teramoto, N. (365) 291)

Withdrawal

Craving; Dynorphin; Enkephalin; Self-administration; Substance P (Cappendijk, S.L.T. (365) 175)