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Acetylcholine release, hippocampus

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α_{2B}-Adrenoceptor; Muscarinic M₄ receptor; δ-Opioid receptor; Prostaglandin E₁ receptor; Receptor cross-talk (Ammer, H. (302) 199)

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α_{2B}-Adrenoceptor

Adenylate cyclase; Muscarinic M₄ receptor; δ-Opioid receptor; Prostaglandin E₁ receptor; Receptor cross-talk (Ammer, H. (302) 199)

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Airway responsiveness

Nitric oxide (NO); Airway epithelium; Methylene blue; Guanylate cyclase; Zaprinast (Sadeghi-Hashjin, G. (302) 109)

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PAF (platelet-activating factor); Acyltransferase; Triacsin C; Zymosan (Naraba, H. (302) 117)

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Bioassay

Antinociception; Deltorphin; Opioid receptor; Peptide synthesis (Guerrini, R. (302) 37)

Blood flow, skin

SM-10902 ointment; Wound healing; Prostacyclin analog; Angiogenesis; Diabetic mouse (*db/db* mouse), genetically (Yamamoto, T. (302) 53)

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Heparin; Protamine; Platelet; PAF (platelet-activating factor); PAF-acether; Thromboxane (Aïssa, J. (302) 123)

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Vagal reflex; Tracheal innervation; (Guinea-pig) (Takahashi, Y. (302) 89)

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Ca²⁺ assay

Spinal neuron; Purinoceptor; K⁺ channel; G-protein; Protein kinase C; Patch clamp (Ikeuchi, Y. (302) 163)

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Ca²⁺ fluorescence

Human mGlu_{1d}; Metabotropic glutamate receptor (Laurie, D.J. (302) 229)

Capsaicin treatment, neonatal

Superfusion; Autoradiography; Substance P; Glutamate receptor; GABA_B receptor (Teoh, H. (302) 27)

CCK_A receptor

Adenosine A₁ receptor; 5-HT_{1B} receptor; P_{2U} purinoceptor; Inositol phosphate; CHO (Chinese hamster ovary) cell (Dickenson, J.M. (302) 141)

Cell death

Nitric oxide (NO); Glyceraldehyde-3-phosphate dehydrogenase; Aconitase (Meßmer, U.K. (302) 171)

Cell separation

Chromaffin cell; Noradrenaline release; Adrenaline release; Nicotinic acetylcholine receptor (Krause, W. (302) 223)

Cerebral ischemia

Adenosine receptor; Spatial memory; Water maze; (Gerbil) (Von Lubitz, D.K.J.E. (302) 43)

4'-Chlorodiazepam

Uterus, rat; Sex hormone, female; Diazepam; Clonazepam; PK 11195; Ca²⁺ channel (Yiu, M.-k. (302) 99)

CHO (Chinese hamster ovary) cell

CCK_A receptor; Adenosine A₁ receptor; 5-HT_{1B} receptor; P_{2U} purinoceptor; Inositol phosphate (Dickenson, J.M. (302) 141)

Chromaffin cell

Cell separation; Noradrenaline release; Adrenaline release; Nicotinic acetylcholine receptor (Krause, W. (302) 223)

Clonazepam

Uterus, rat; Sex hormone, female; Diazepam; 4'-Chlorodiazepam; PK 11195; Ca²⁺ channel (Yiu, M.-k. (302) 99)

Clot specificity

Urokinase variant; Fibrinolysis; Thrombin inhibition; Platelet aggregation; (Rabbit) (Schneider, J. (302) 69)

CNQX (6-cyano-7-nitroquinoxaline-2,3-dione)

Retinal cell; Glutamate receptor; Neurotoxicity; Ca²⁺; MK-801 (Ferreira, I.L. (302) 153)

Collagen

Endothelin-1; Proteoglycan; Fibronectin (Gutierrez, S. (302) 191)

Deltorphan

Antinociception; Bioassay; Opioid receptor; Peptide synthesis (Guerrini, R. (302) 37)

Deoxyglucose

Morphine; Nucleus accumbens; Shell; Drug abuse (Orzi, F. (302) 49)

Desensitization

VIP receptor, human; VIP receptor antagonist; Internalization; Recombinant protein; Transfection (Gaudin, P. (302) 207)

Dextromethorphan

NMDA receptor; Spatial learning; Memory; Water maze (Bane, A. (302) 7)

Diabetic mouse (*db/db* mouse), genetically

SM-10902 ointment; Wound healing; Prostacyclin analog; Blood flow, skin; Angiogenesis (Yamamoto, T. (302) 53)

Diaphragm, guinea-pig

K⁺ channel opener; K⁺ channel inhibitor; K⁺ channel, ATP-sensitive; Adenosine; Skeletal muscle (Wickenden, A.D. (302) 79)

Diazepam

Uterus, rat; Sex hormone, female; 4'-Chlorodiazepam; Clonazepam; PK 11195; Ca²⁺ channel (Yiu, M.-k. (302) 99)

Dopamine

Dopamine D₃ receptor; 7-OH-DPAT (7-hydroxy-*N,N*-(di-*n*-propylamino)tetralin); Locomotion; (Rat) (Frantz, K. (302) 1)

Dopamine D₃ receptor

Dopamine; 7-OH-DPAT (7-hydroxy-*N,N*-(di-*n*-propylamino)tetralin); Locomotion; (Rat) (Frantz, K. (302) 1)

Dopamine receptor, sensitization

Acetylcholine release, hippocampus; Morphine administration, acute and chronic (Imperato, A. (302) 21)

Drug abuse

Morphine; Deoxyglucose; Nucleus accumbens; Shell (Orzi, F. (302) 49)

E2020

MF201; Tacrine; Physostigmine; 8-Arm radial maze; (Rat) (Braidia, D. (302) 13)

Endothelin-1

Proteoglycan; Fibronectin; Collagen (Gutierrez, S. (302) 191)

Ethanol, chronic

Spontaneously hypertensive rat (SHR); Hypertension; Papillary muscle (Brown, R.A. (302) 61)

Fibrinolysis

Urokinase variant; Thrombin inhibition; Platelet aggregation; Clot specificity; (Rabbit) (Schneider, J. (302) 69)

Fibronectin

Endothelin-1; Proteoglycan; Collagen (Gutierrez, S. (302) 191)

GABA_B receptor

Capsaicin treatment, neonatal; Superfusion; Autoradiography; Substance P; Glutamate receptor (Teoh, H. (302) 27)

Glutamate receptor

Capsaicin treatment, neonatal; Superfusion; Autoradiography; Substance P; GABA_B receptor (Teoh, H. (302) 27)

Retinal cell; Neurotoxicity; Ca²⁺; MK-801; CNQX (6-cyano-7-nitroquinoxaline-2,3-dione) (Ferreira, I.L. (302) 153)

Glyceraldehyde-3-phosphate dehydrogenase

Nitric oxide (NO); Aconitase; Cell death (Meßmer, U.K. (302) 171)

G-protein

Spinal neuron; Purinoceptor; K⁺ channel; Protein kinase C; Patch clamp; Ca²⁺ assay (Ikeuchi, Y. (302) 163)

Guanylate cyclase

Airway responsiveness; Nitric oxide (NO); Airway epithelium; Methylene blue; Zaprinast (Sadeghi-Hashjin, G. (302) 109)

H-89

Achatin-I (Gly-D-Phe-Ala-Asp); Peptide neurotransmitter; Intracellular signal transduction system; KT5823; W-7; IBMX (3-isobutyl-1-methylxanthine); Neurone; (Snail) (Emaduddin, M. (302) 129)

Heparin

Protamine; Platelet; PAF (platelet-activating factor); PAF-acether; Thromboxane; BN 52021 (Aïssa, J. (302) 123)

5-HT_{1B} receptor

CCK_A receptor; Adenosine A₁ receptor; P_{2U} purinoceptor; Inositol phosphate; CHO (Chinese hamster ovary) cell (Dickenson, J.M. (302) 141)

Human mGlu_{1a}

Metabotropic glutamate receptor; Ca²⁺ fluorescence (Laurie, D.J. (302) 229)

Hybridisation, in situ

β-Adrenoceptor; mRNA; Northern blot analysis (Mak, J.C.W. (302) 215)

Hypertension

Ethanol, chronic; Spontaneously hypertensive rat (SHR); Papillary muscle (Brown, R.A. (302) 61)

α₂-Adrenoceptor; Phospholipase D; Smooth muscle, vascular; Tyrosine kinase; pp60^{src}; Protein kinase C (Jinsi, A. (302) 183)

IBMX (3-isobutyl-1-methylxanthine)

Achatin-I (Gly-D-Phe-Ala-Asp); Peptide neurotransmitter; Intracellular signal transduction system; H-89; KT5823; W-7; Neurone; (Snail) (Emaduddin, M. (302) 129)

Inositol phosphate

CCK_A receptor; Adenosine A₁ receptor; 5-HT_{1B} receptor; P_{2U} purinoceptor; CHO (Chinese hamster ovary) cell (Dickenson, J.M. (302) 141)

Internalization

VIP receptor, human; VIP receptor antagonist; Desensitization; Recombinant protein; Transfection (Gaudin, P. (302) 207)

Intracellular signal transduction system

Achatin-I (Gly-D-Phe-Ala-Asp); Peptide neurotransmitter; H-89; KT5823; W-7; IBMX (3-isobutyl-1-methylxanthine); Neurone; (Snail) (Emaduddin, M. (302) 129)

K⁺ channel

Spinal neuron; Purinoceptor; G-protein; Protein kinase C; Patch clamp; Ca²⁺ assay (Ikeuchi, Y. (302) 163)

K⁺ channel, ATP-sensitive

K⁺ channel opener; K⁺ channel inhibitor; Adenosine; Skeletal muscle; Diaphragm, guinea-pig (Wickenden, A.D. (302) 79)

K⁺ channel inhibitor

K⁺ channel opener; K⁺ channel, ATP-sensitive; Adenosine; Skeletal muscle; Diaphragm, guinea-pig (Wickenden, A.D. (302) 79)

K⁺ channel opener

K⁺ channel inhibitor; K⁺ channel, ATP-sensitive; Adenosine; Skeletal muscle; Diaphragm, guinea-pig (Wickenden, A.D. (302) 79)

KT5823

Achatin-I (Gly-D-Phe-Ala-Asp); Peptide neurotransmitter; Intracellular signal transduction system; H-89; W-7; IBMX (3-isobutyl-1-methylxanthine); Neurone; (Snail) (Emaduddin, M. (302) 129)

Locomotion

Dopamine; Dopamine D₃ receptor; 7-OH-DPAT (7-hydroxy-*N,N*-2-(di-*n*-propylamino)tetralin); (Rat) (Frantz, K. (302) 1)

Memory

Dextromethorphan; NMDA receptor; Spatial learning; Water maze (Bane, A. (302) 7)

Metabotropic glutamate receptor

Human mGlu_{1a}; Ca²⁺ fluorescence (Laurie, D.J. (302) 229)

Methylene blue

Airway responsiveness; Nitric oxide (NO); Airway epithelium; Guanylate cyclase; Zaprinast (Sadeghi-Hashjin, G. (302) 109)

MF201

Tacrine; E2020; Physostigmine; 8-Arm radial maze; (Rat) (Braid, D. (302) 13)

MK-801

Retinal cell; Glutamate receptor; Neurotoxicity; Ca²⁺; CNQX (6-cyano-7-nitroquinoxaline-2,3-dione) (Ferreira, I.L. (302) 153)

Morphine

Deoxyglucose; Nucleus accumbens; Shell; Drug abuse (Orzi, F. (302) 49)

Morphine administration, acute and chronic

Acetylcholine release, hippocampus; Dopamine receptor, sensitization (Imperato, A. (302) 21)

Muscarinic M₄ receptor

Adenylate cyclase; α_{2B}-Adrenoceptor; δ-Opioid receptor; Prostaglandin E₁ receptor; Receptor cross-talk (Ammer, H. (302) 199)

Neurone

Achatin-I (Gly-D-Phe-Ala-Asp); Peptide neurotransmitter; Intracellular signal transduction system; H-89; KT5823; W-7; IBMX (3-isobutyl-1-methylxanthine); (Snail) (Emaduddin, M. (302) 129)

Neurotoxicity

Retinal cell; Glutamate receptor; Ca²⁺; MK-801; CNQX (6-cyano-7-nitroquinoxaline-2,3-dione) (Ferreira, I.L. (302) 153)

Nicotinic acetylcholine receptor

Chromaffin cell; Cell separation; Noradrenaline release; Adrenaline release (Krause, W. (302) 223)

Nitric oxide (NO)

Airway responsiveness; Airway epithelium; Methylene blue; Guanylate cyclase; Zaprinast (Sadeghi-Hashjin, G. (302) 109)

Glyceraldehyde-3-phosphate dehydrogenase; Aconitase; Cell death (MeBmer, U.K. (302) 171)

NMDA receptor

Dextromethorphan; Spatial learning; Memory; Water maze (Bane, A. (302) 7)

Nociceptin

ORL₁; Vas deferens, mouse (Berzetei-Gurske, I.P. (302) R1)

Noradrenaline release

Chromaffin cell; Cell separation; Adrenaline release; Nicotinic acetylcholine receptor (Krause, W. (302) 223)

Northern blot analysis

β-Adrenoceptor; mRNA; Hybridisation, in situ (Mak, J.C.W. (302) 215)

Nucleus accumbens

Morphine; Deoxyglucose; Shell; Drug abuse (Orzi, F. (302) 49)

7-OH-DPAT (7-hydroxy-*N,N*-2-(di-*n*-propylamino)tetralin)

Dopamine; Dopamine D₃ receptor; Locomotion; (Rat) (Frantz, K. (302) 1)

Opioid receptor

Antinociception; Bioassay; Deltorphin; Peptide synthesis (Guerrini, R. (302) 37)

δ -Opioid receptor

Adenylate cyclase; α_{2B} -Adrenoceptor; Muscarinic M_4 receptor; Prostaglandin E_1 receptor; Receptor cross-talk (Ammer, H. (302) 199)

ORL₁

Nociceptin; Vas deferens, mouse (Berzetei-Gurske, I.P. (302) R1)

PAF-acether

Heparin; Protamine; Platelet; PAF (platelet-activating factor); Thromboxane; BN 52021 (Aïssa, J. (302) 123)

PAF (platelet-activating factor)

Arachidonic acid; Acyltransferase; Triacsin C; Zymosan (Naraba, H. (302) 117)

Heparin; Protamine; Platelet; PAF-acether; Thromboxane; BN 52021 (Aïssa, J. (302) 123)

Papillary muscle

Ethanol, chronic; Spontaneously hypertensive rat (SHR); Hypertension (Brown, R.A. (302) 61)

Patch clamp

Spinal neuron; Purinoceptor; K^+ channel; G-protein; Protein kinase C; Ca^{2+} assay (Ikeuchi, Y. (302) 163)

Peptide neurotransmitter

Achatin-I (Gly-D-Phe-Ala-Asp); Intracellular signal transduction system; H-89; KT5823; W-7; IBMX (3-isobutyl-1-methylxanthine); Neurone; (Snail) (Emaduddin, M. (302) 129)

Peptide synthesis

Antinociception; Bioassay; Deltorphin; Opioid receptor (Guerrini, R. (302) 37)

Phospholipase D

α_2 -Adrenoceptor; Smooth muscle, vascular; Tyrosine kinase; pp60^{src}; Hypertension; Protein kinase C (Jinsi, A. (302) 183)

Physostigmine

MF201; Tacrine; E2020; 8-Arm radial maze; (Rat) (Braida, D. (302) 13)

PK 11195

Uterus, rat; Sex hormone, female; Diazepam; 4'-Chlorodiazepam; Clonazepam; Ca^{2+} channel (Yiu, M.-k. (302) 99)

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Heparin; Protamine; PAF (platelet-activating factor); PAF-acether; Thromboxane; BN 52021 (Aïssa, J. (302) 123)

Platelet aggregation

Urokinase variant; Fibrinolysis; Thrombin inhibition; Clot specificity; (Rabbit) (Schneider, J. (302) 69)

pp60^{src}

α_2 -Adrenoceptor; Phospholipase D; Smooth muscle, vascular; Tyrosine kinase; Hypertension; Protein kinase C (Jinsi, A. (302) 183)

P_{2U} purinoceptor

CCK_A receptor; Adenosine A_1 receptor; 5-HT_{1B} receptor; Inositol phosphate; CHO (Chinese hamster ovary) cell (Dickenson, J.M. (302) 141)

Prostacyclin analog

SM-10902 ointment; Wound healing; Blood flow, skin; Angiogenesis; Diabetic mouse (*db/db* mouse), genetically (Yamamoto, T. (302) 53)

Prostaglandin E_1 receptor

Adenylate cyclase; α_{2B} -Adrenoceptor; Muscarinic M_4 receptor; δ -Opioid receptor; Receptor cross-talk (Ammer, H. (302) 199)

Protamine

Heparin; Platelet; PAF (platelet-activating factor); PAF-acether; Thromboxane; BN 52021 (Aïssa, J. (302) 123)

Protein kinase C

Spinal neuron; Purinoceptor; K^+ channel; G-protein; Patch clamp; Ca^{2+} assay (Ikeuchi, Y. (302) 163)

α_2 -Adrenoceptor; Phospholipase D; Smooth muscle, vascular; Tyrosine kinase; pp60^{src}; Hypertension (Jinsi, A. (302) 183)

Proteoglycan

Endothelin-1; Fibronectin; Collagen (Gutierrez, S. (302) 191)

Purinoceptor

Spinal neuron; K^+ channel; G-protein; Protein kinase C; Patch clamp; Ca^{2+} assay (Ikeuchi, Y. (302) 163)

Receptor cross-talk

Adenylate cyclase; α_{2B} -Adrenoceptor; Muscarinic M_4 receptor; δ -Opioid receptor; Prostaglandin E_1 receptor (Ammer, H. (302) 199)

Recombinant protein

VIP receptor, human; VIP receptor antagonist; Desensitization; Internalization; Transfection (Gaudin, P. (302) 207)

Retinal cell

Glutamate receptor; Neurotoxicity; Ca^{2+} ; MK-801; CNQX (6-cyano-7-nitroquinoxaline-2,3-dione) (Ferreira, I.L. (302) 153)

mRNA

β -Adrenoceptor; Hybridisation, in situ; Northern blot analysis (Mak, J.C.W. (302) 215)

Sex hormone, female

Uterus, rat; Diazepam; 4'-Chlorodiazepam; Clonazepam; PK 11195; Ca^{2+} channel (Yiu, M.-k. (302) 99)

Shell

Morphine; Deoxyglucose; Nucleus accumbens; Drug abuse (Orzi, F. (302) 49)

Skeletal muscle

K^+ channel opener; K^+ channel inhibitor; K^+ channel, ATP-sensitive; Adenosine; Diaphragm, guinea-pig (Wickenden, A.D. (302) 79)

SM-10902 ointment

Wound healing; Prostacyclin analog; Blood flow, skin; Angiogenesis; Diabetic mouse (*db/db* mouse), genetically (Yamamoto, T. (302) 53)

Smooth muscle, vascular

α_2 -Adrenoceptor; Phospholipase D; Tyrosine kinase; pp60^{src}; Hypertension; Protein kinase C (Jinsi, A. (302) 183)

Spatial learning

Dextromethorphan; NMDA receptor; Memory; Water maze (Banc, A. (302) 7)

Spatial memory

Cerebral ischemia; Adenosine receptor; Water maze; (Gerbil) (Von Lubitz, D.K.J.E. (302) 43)

Spinal neuron

Purinoceptor; K^+ channel; G-protein; Protein kinase C; Patch clamp; Ca^{2+} assay (Ikeuchi, Y. (302) 163)

Spontaneously hypertensive rat (SHR)

Ethanol, chronic; Hypertension; Papillary muscle (Brown, R.A. (302) 61)

Substance P

Capsaicin treatment, neonatal; Superfusion; Autoradiography; Glutamate receptor; GABA_B receptor (Teoh, H. (302) 27)

Superfusion

Capsaicin treatment, neonatal; Autoradiography; Substance P; Glutamate receptor; GABA_B receptor (Teoh, H. (302) 27)

Tacrine

MF201; E2020; Physostigmine; 8-Arm radial maze; (Rat) (Braida, D. (302) 13)

Thrombin inhibition

Urokinase variant; Fibrinolysis; Platelet aggregation; Clot specificity; (Rabbit) (Schneider, J. (302) 69)

Thromboxane

Heparin; Protamine; Platelet; PAF (platelet-activating factor); PAF-acether; BN 52021 (Aïssa, J. (302) 123)

Tracheal innervation

Vagal reflex; Bronchoconstriction; (Guinea-pig) (Takahashi, Y. (302) 89)

Transfection

VIP receptor, human; VIP receptor antagonist; Desensitization; Internalization; Recombinant protein (Gaudin, P. (302) 207)

Triacsin C

PAF (platelet-activating factor); Arachidonic acid; Acyltransferase; Zymosan (Naraba, H. (302) 117)

Tyrosine kinase

α_2 -Adrenoceptor; Phospholipase D; Smooth muscle, vascular; pp60^{src}; Hypertension; Protein kinase C (Jinsi, A. (302) 183)

Urokinase variant

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Uterus, rat

Sex hormone, female; Diazepam; 4'-Chlorodiazepam; Clonazepam; PK 11195; Ca²⁺ channel (Yiu, M.-k. (302) 99)

Vagal reflex

Tracheal innervation; Bronchoconstriction; (Guinea-pig) (Takahashi, Y. (302) 89)

Vas deferens, mouse

Nociceptin; ORL₁ (Berzetei-Gurske, I.P. (302) R1)

VIP receptor antagonist

VIP receptor, human; Desensitization; Internalization; Recombinant protein; Transfection (Gaudin, P. (302) 207)

VIP receptor, human

VIP receptor antagonist; Desensitization; Internalization; Recombinant protein; Transfection (Gaudin, P. (302) 207)

W-7

Achatin-I (Gly-D-Phe-Ala-Asp); Peptide neurotransmitter; Intracellular signal transduction system; H-89; KT5823; IBMX (3-isobutyl-1-methyl-xanthine); Neurone; (Snail) (Emaduddin, M. (302) 129)

Water maze

Dextromethorphan; NMDA receptor; Spatial learning; Memory (Bane, A. (302) 7)

Cerebral ischemia; Adenosine receptor; Spatial memory; (Gerbil) (Von Lubitz, D.K.J.E. (302) 43)

Wound healing

SM-10902 ointment; Prostacyclin analog; Blood flow, skin; Angiogenesis; Diabetic mouse (*db/db* mouse), genetically (Yamamoto, T. (302) 53)

Zaprinast

Airway responsiveness; Nitric oxide (NO); Airway epithelium; Methylene blue; Guanylate cyclase (Sadeghi-Hashjin, G. (302) 109)

Zymosan

PAF (platelet-activating factor); Arachidonic acid; Acyltransferase; Triacsin C (Naraba, H. (302) 117)