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Brain, rat

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 Ca^{2+} pump

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 α -Casomorphin

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 β -Casomorphin

α -Casomorphin; Opioid receptor; Receptor subtype; Somatostatin receptor; Breast cancer cell, T47D (Hatzoglou, A. (310) 217)

 Ca^{2+} uptake

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Atherosclerosis; Cytokine; Gap junctional intercellular communication; Growth factor; Smooth muscle cell (Mensink, A. (310) 73)

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Amnesia; Nimodipine; Felodipine; Amlodipine; (Rat) (Župan, G. (310) 103)

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JL3 (10-(4-methylpiperazin-1-yl)pyrido[4,3-*b*][1,4]benzothiazepine); Antidepressant; Dorsal raphe; Locus coeruleus; A10 dopamine neuron (Liégeois, J.-F. (310) 9)

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Endothelin receptor

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Entropy

Nicotinic receptor; Thermodynamics; *d*-Tubocurarine; Skeletal muscle; Enthalpy (Banerjee, B. (310) 13)

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α₂-Adrenoceptor subtype; Brain, human; RX 821002; Autoradiography; Hippocampus (Grijalba, B. (310) 83)

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Defense area; Perifornical area; Glutamate; Nucleus tractus solitarius (Varga, K. (310) 145)

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GABA_A receptor subunit; Heterogeneity; Cerebellum; Thalamus; Diazepam-insensitive (Huh, K.-H. (310) 225)

GABA_A receptor subunit

GABA_A receptor; Heterogeneity; Cerebellum; Thalamus; Diazepam-insensitive (Huh, K.-H. (310) 225)

Gap junctional intercellular communication

Atherosclerosis; Cell proliferation; Cytokine; Growth factor; Smooth muscle cell (Mensink, A. (310) 73)

Gastrointestinal epithelia

Neuropeptide Y; BIBP3226; Y₁ receptor antagonist (Tough, I.R. (310) 55)

Glutamate

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Defense area; Perifornical area; GABA (γ-aminobutyric acid); Nucleus tractus solitarius (Varga, K. (310) 145)

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cGMP

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N^ω-Nitro-L-arginine methyl ester; Eosinophil chemotaxis; Nitric oxide (NO); Pleurisy (Ferreira, H.H.A. (310) 201)

G-protein

BW373U86; δ-Opioid receptor; Radioligand binding (Campa, M.J. (310) 263)

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Atherosclerosis; Cell proliferation; Cytokine; Gap junctional intercellular communication; Smooth muscle cell (Mensink, A. (310) 73)

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GABA_A receptor; GABA_A receptor subunit; Cerebellum; Thalamus; Diazepam-insensitive (Huh, K.-H. (310) 225)

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α_2 -Adrenoceptor subtype; Brain, human; RX 821002; Autoradiography; Frontal cortex (Grijalba, B. (310) 83)

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NMDA receptor; Phencyclidine site; [³H](+)-MK-801; K⁺ channel, ATP-sensitive (Olmos, G. (310) 273)

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Antidepressant; Dorsal raphe; Locus coeruleus; A10 dopamine neuron; Electrophysiology (Liégeois, J.-F. (310) 9)

K⁺ channel, ATP-sensitive

NMDA receptor; Phencyclidine site; [³H](+)-MK-801; Imidazoline drug (Olmos, G. (310) 273)

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Diabetes; Hypertension; Angiotensin; Blood perfused; Nephropathy; (Rat) (Farina, N.K. (310) 185)

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JL3 (10-(4-methylpiperazin-1-yl)pyrido[4,3-*b*][1,4]benzothiazepine); Antidepressant; Dorsal raphe; A10 dopamine neuron; Electrophysiology (Liégeois, J.-F. (310) 9)

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Glutamate; Long-term depression; Metabotropic receptor; NMDA receptor; Plasticity; Posterior cingulate cortex (Hedberg, T.G. (310) 19)

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Metabotropic glutamate receptor

Excitotoxicity; Cortical neuron (Bruno, V. (310) 61)

Metabotropic receptor

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[³H](+)-MK-801

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Ptilomycin A; Ca²⁺-ATPase; ATPase inhibitor (Ohizumi, Y. (310) 95)

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Neuropeptide

Neurokinin; NK₁ receptor antagonist; Bronchoconstriction; Pain; Plasma extravasation (Bonnet, J. (310) 37)

Neuropeptide Y

BIBP3226; Y₁ receptor antagonist; Gastrointestinal epithelia (Tough, I.R. (310) 55)

Neuroprotection

Anticonvulsant; AMPA receptor antagonist; NMDA receptor glycine site antagonist (Ilyin, V.I. (310) 107)

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Eosinophil chemotaxis; Nitric oxide (NO); Pleurisy; cGMP (Ferreira, H.H.A. (310) 201)

Nitrotyrosine

Peroxyntirite; Nitric oxide (NO); Superoxide; Hemodynamics, in vivo (Kooy, N.W. (310) 155)

NK₁ receptor antagonist

Neurokinin; Bronchoconstriction; Pain; Plasma extravasation; Neuropeptide (Bonnet, J. (310) 37)

NMDA receptor

Glutamate; Long-term depression; Long-term potentiation; Metabotropic receptor; Plasticity; Posterior cingulate cortex (Hedberg, T.G. (310) 19)

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NMDA receptor glycine site antagonist

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3-OH-PCP (1-[1(3-hydroxyphenyl)-cyclohexyl]piperidine)

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Ventral tegmental area; Extracellular recording in vivo; Whole-cell recording; Thin-slice preparation; Dopamine D₂ receptor (Moriyama, T. (310) 1)

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α-Casomorphin; β-Casomorphin; Receptor subtype; Somatostatin receptor; Breast cancer cell, T47D (Hatzoglou, A. (310) 217)

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κ-Opioid receptor

Tail-flick assay; Analgesia, peripheral (Kolesnikov, Y. (310) 141)

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Nitrotyrosine; Nitric oxide (NO); Superoxide; Hemodynamics, in vivo (Kooy, N.W. (310) 155)

Pharmacological validation

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Phencyclidine site

NMDA receptor; [³H](+)-MK-801; Imidazoline drug; K⁺ channel, ATP-sensitive (Olmos, G. (310) 273)

Phosphodiesterase inhibitor

Platelet; Endothelin-3; Sodium nitroprusside; cGMP; Ca²⁺, cytosolic; Ca²⁺ pump (Gagnet, C. (310) 67)

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Neurokinin; NK₁ receptor antagonist; Bronchoconstriction; Pain; Neuropeptide (Bonnet, J. (310) 37)

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Glutamate; Long-term depression; Long-term potentiation; Metabotropic receptor; NMDA receptor; Posterior cingulate cortex (Hedberg, T.G. (310) 19)

Platelet

Endothelin-3; Sodium nitroprusside; cGMP; Phosphodiesterase inhibitor; Ca²⁺, cytosolic; Ca²⁺ pump (Gagnet, C. (310) 67)

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N^ω-Nitro-L-arginine methyl ester; Eosinophil chemotaxis; Nitric oxide (NO); cGMP (Ferreira, H.H.A. (310) 201)

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Glutamate; Long-term depression; Long-term potentiation; Metabotropic receptor; NMDA receptor; Plasticity (Hedberg, T.G. (310) 19)

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AV-node; Ajmaline; Rate dependence; Time constant (Stark, G. (310) 29)

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Na⁺, K⁺-ATPase; Ca²⁺-ATPase; ATPase inhibitor (Ohizumi, Y. (310) 95)

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Receptor

TNF- α (tumor necrosis factor α) inhibition; Adenosine A₃ receptor; Macrophage; Cross-talk (McWhinney, C.D. (310) 209)

Receptor subtype

α -Casomorphin; β -Casomorphin; Opioid receptor; Somatostatin receptor; Breast cancer cell, T47D (Hatzoglou, A. (310) 217)

Renal hemodynamics

Bosentan; Congestive heart failure; Aorto-caval fistula (Gurbanov, K. (310) 193)

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Cerebral ischemia; Nitric oxide (NO); DNA fragmentation; Chromatin condensation; Apoptotic body; TUNEL assay (Charriaut-Marlangue, C. (310) 137)

Restenosis

Balloon angioplasty; Neointima; Endothelium; Nitric oxide (NO); Nitric oxide (NO) synthase; Von Willebrand factor (Bosmans, J.M. (310) 163)

RX 821002

α_2 -Adrenoceptor subtype; Brain, human; Autoradiography; Frontal cortex; Hippocampus (Grijalba, B. (310) 83)

Skeletal muscle

Nicotinic receptor; Thermodynamics; *d*-Tubocurarine; Entropy; Enthalpy (Banerjee, B. (310) 13)

Smooth muscle cell

Atherosclerosis; Cell proliferation; Cytokine; Gap junctional intercellular communication; Growth factor (Mensink, A. (310) 73)

Sodium nitroprusside

Platelet; Endothelin-3; cGMP; Phosphodiesterase inhibitor; Ca²⁺, cytosolic; Ca²⁺ pump (Gagnet, C. (310) 67)

Somatostatin receptor

α -Casomorphin; β -Casomorphin; Opioid receptor; Receptor subtype; Breast cancer cell, T47D (Hatzoglou, A. (310) 217)

Stress, chronic, mild

Depression, animal model; Pharmacological validation (Papp, M. (310) 99)

Superoxide

Peroxynitrite; Nitrotyrosine; Nitric oxide (NO); Hemodynamics, in vivo (Kooy, N.W. (310) 155)

Tail-flick assay

κ -Opioid receptor; Analgesia, peripheral (Kolesnikov, Y. (310) 141)

Thalamus

GABA_A receptor; GABA_A receptor subunit; Heterogeneity; Cerebellum; Diazepam-insensitive (Huh, K.-H. (310) 225)

Thermodynamics

Nicotinic receptor; *d*-Tubocurarine; Skeletal muscle; Entropy; Enthalpy (Banerjee, B. (310) 13)

Thin-slice preparation

Ventral tegmental area; OPC-14597; Extracellular recording in vivo; Whole-cell recording; Dopamine D₂ receptor (Momiya, T. (310) 1)

Time constant

AV-node; Ajmaline; Propafenone; Rate dependence (Stark, G. (310) 29)

TNF- α (tumor necrosis factor α) inhibition

Adenosine A₃ receptor; Macrophage; Receptor; Cross-talk (McWhinney, C.D. (310) 209)

***d*-Tubocurarine**

Nicotinic receptor; Thermodynamics; Skeletal muscle; Entropy; Enthalpy (Banerjee, B. (310) 13)

TUNEL assay

Cerebral ischemia; Nitric oxide (NO); Reperfusion; DNA fragmentation; Chromatin condensation; Apoptotic body (Charriaut-Marlangue, C. (310) 137)

Ventral tegmental area

OPC-14597; Extracellular recording in vivo; Whole-cell recording; Thin-slice preparation; Dopamine D₂ receptor (Momiya, T. (310) 1)

Von Willebrand factor

Balloon angioplasty; Neointima; Restenosis; Endothelium; Nitric oxide (NO); Nitric oxide (NO) synthase (Bosmans, J.M. (310) 163)

Whole-cell recording

Ventral tegmental area; OPC-14597; Extracellular recording in vivo; Thin-slice preparation; Dopamine D₂ receptor (Momiya, T. (310) 1)

XAC

Adenosine A_{2A} receptor, human; Mutation; Glutamic acid; CGS21680; Amiloride (IJzerman, A.P. (310) 269)

Y₁ receptor antagonist

Neuropeptide Y; BIBP3226; Gastrointestinal epithelia (Tough, I.R. (310) 55)