

Keyword index

ACEA-1021

NMDA receptor; Glycine coagonist site; Desensitization; 5,7-Dichlorokynurenic acid; L-695,902; LY-294,619; RPR-104,632 (Molnár, P. (311) 311)

Acetylcholine

Choline; Blood pressure; Hypotension; Vasopressin; Nicotinic receptor (Savci, V. (311) 153)

Adrenergic nerve stimulation

Endothelin-1; Endothelin ET_A receptor; Prejunctional inhibition; Postjunctional potentiation; Mesenteric artery (Zhang, J.-X. (311) 169)

α₁-Adrenoceptor

Liver; Hepatocyte; (Rhesus monkey) (García-Sáinz, J.A. (311) 277)

α₁-Adrenoceptor, subtypes A, B and D

Spleen, mouse (Eltze, M. (311) 187)

Ag⁺

Au³⁺; Skeletal muscle contraction; Ca²⁺ release channel; Single channel current (Nihonyanagi, K. (311) 271)

ω-Agatoxin

Ca²⁺ channel; Dihydropyridine; ω-Conotoxin; Melanotrope; Pituitary; α-MSH (α-melanocyte-stimulating hormone) (Mansvelder, H.D. (311) 293)

Ageing

5-HT₃ receptor; Avoidance, multiple choice; Memory; Itasetron (DAU 6215) (Pitsikas, N. (311) 115)

Aging

Anorexia; Food intake; Hypothalamus; Nitric oxide (NO) synthase; Nitric oxide (NO) (Morley, J.E. (311) 15)

Airway

Autoradiography; NK₂ receptor; Substance P; [¹²⁵I][Lys⁵,Tyr(I₂)⁷,MeLeu⁹,Nle¹⁰]Neurokinin A-(4–10) (Strigas, J. (311) 177)

Analgesia

Neuro-immune interaction; Nociception; Opioid; Neuropeptide; Cytokine (Mousa, S.A. (311) 221)

Orphanin FQ; Nociceptin (Rossi, G.C. (311) R7)

Anorexia

Food intake; Aging; Hypothalamus; Nitric oxide (NO) synthase; Nitric oxide (NO) (Morley, J.E. (311) 15)

ANP (atrial natriuretic peptide), chicken

Cardiac myocyte, cultured; Cardiac contractility; Endothelin-1; ChNP (chicken natriuretic peptide) mRNA (Bézie, Y. (311) 241)

Antinociception

δ-Opioid receptor, agonist, antagonist; δ₁-Opioid receptor; δ₂-Opioid receptor; [³H][D-Pen²,D-Pen⁵]Enkephalin (Bhargava, H.N. (311) 127)

Anxiety

Conditioned fear stress; Freezing behavior; 5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective; Citalopram (Inoue, T. (311) 1)

Tachykinin NK₁ receptor; Tachykinin NK₂ receptor; Substance P; Neurokinin A; FK 888; SR 48968; Plus-maze; (Intracerebroventricular injection) (Teixeira, R.M. (311) 7)

Arterial myogenic tone

Ryanodine; Sarcoplasmic reticulum; Ca²⁺-buffering function; Ca²⁺ channel, voltage-dependent; Cerebral artery; (Dog) (Asano, M. (311) 53)

Au³⁺

Ag⁺; Skeletal muscle contraction; Ca²⁺ release channel; Single channel current (Nihonyanagi, K. (311) 271)

Autoradiography

NK₂ receptor; Airway; Substance P; [¹²⁵I][Lys⁵,Tyr(I₂)⁷,MeLeu⁹,Nle¹⁰]Neurokinin A-(4–10) (Strigas, J. (311) 177)

Avoidance, multiple choice

Ageing; 5-HT₃ receptor; Memory; Itasetron (DAU 6215) (Pitsikas, N. (311) 115)

B cell

15-Deoxyspergualin; T cell; Monocyte; Cytokine (Nicoletti, F. (311) 213)

Behavior

Cocaine analog; Dopamine transporter (Fleckenstein, A.E. (311) 109)

Benzamide, substituted

Gastrointestinal tract; Intestine; Ganglion; Enteric nervous system; Myenteric plexus; Submucous plexus; Gastrointestinal motility; Intestinal prokinetic drug (Zafirov, D. (311) 61)

Benzodiazepine receptor

N³-Phenacyluridine; Sedative; Hypnotic; Central nervous system (Kimura, T. (311) 265)

BHK cell

Glutamate receptor; Subunit; cDNA; AMPA (α-amino-3-hydroxy-5-methyl-isoxalazole-4-propionate) (Andersen, P.H. (311) 95)

σ Binding site

Trishomocubane; 1,3-Di-*o*-tolylguanidine; Brain membrane; (+)-Pentazocine (Nguyen, V.H. (311) 233)

Bioassay

Nociceptin receptor; Vas deferens, mouse (Calò, G. (311) R3)

Blood pressure

Choline; Acetylcholine; Hypotension; Vasopressin; Nicotinic receptor (Savci, V. (311) 153)

Brain membrane

σ Binding site; Trishomocubane; 1,3-Di-*o*-tolylguanidine; (+)-Pentazocine (Nguyen, V.H. (311) 233)

Ca²⁺

Smooth muscle, vascular; Protein kinase C, cytosolic; Protein kinase C, particulate (Bazan, E. (311) 101)

Ca²⁺-buffering function

Ryanodine; Sarcoplasmic reticulum; Ca²⁺ channel, voltage-dependent; Arterial myogenic tone; Cerebral artery; (Dog) (Asano, M. (311) 53)

Ca²⁺ channel

K⁺ channel; Seizure; Hippocampus; Levromakalim; Patch clamp (Katsumori, H. (311) 37)

Dihydropyridine; ω -Conotoxin; ω -Agatoxin; Melanotrope; Pituitary; α -MSH (α -melanocyte-stimulating hormone) (Mansvelder, H.D. (311) 293)

Ca²⁺ channel, voltage-dependent

Ryanodine; Sarcoplasmic reticulum; Ca²⁺-buffering function; Arterial myogenic tone; Cerebral artery; (Dog) (Asano, M. (311) 53)

Capsaicin

Heart, rat; Preconditioning; Ruthenium red; CGRP (calcitonin gene-related peptide); CGRP-(8–37) (Li, Y.-J. (311) 163)

Cardiac contractility

Cardiac myocyte, cultured; Endothelin-1; ANP (atrial natriuretic peptide), chicken; ChNP (chicken natriuretic peptide) mRNA (Bézie, Y. (311) 241)

Cardiac myocyte, cultured

Cardiac contractility; Endothelin-1; ANP (atrial natriuretic peptide), chicken; ChNP (chicken natriuretic peptide) mRNA (Bézie, Y. (311) 241)

Ca²⁺ release channel

Ag⁺; Au³⁺; Skeletal muscle contraction; Single channel current (Nihonyanagi, K. (311) 271)

Carnitine

Streptozotocin-induced diabetes, rat; Electrorinogram; Oscillatory potential; Propionyl-L-carnitine; Insulin; Sorbitol; Diabetic retinopathy; Serum lipid (Hotta, N. (311) 199)

Catecholamine secretion

Protein kinase C; CGP 41251; Chromaffin cell; Tyrosine hydroxylase; Nicotinic receptor (Loneragan, K. (311) 87)

Central nervous system

N³-Phenacyluridine; Sedative; Hypnotic; Benzodiazepine receptor (Kimura, T. (311) 265)

Cerebral artery

Ryanodine; Sarcoplasmic reticulum; Ca²⁺-buffering function; Ca²⁺ channel, voltage-dependent; Arterial myogenic tone; (Dog) (Asano, M. (311) 53)

Cerebral cortex, rat

Histamine H₃ receptor; Radioligand binding; [³H]GR168320; [³H]N ^{α} -Methylhistamine (Brown, J.D. (311) 305)

CGP 41251

Protein kinase C; Chromaffin cell; Tyrosine hydroxylase; Catecholamine secretion; Nicotinic receptor (Loneragan, K. (311) 87)

Chimeric receptor

Opioid receptor; Mutagenesis; Structure-function relationship; δ -Opioid receptor ligand (Meng, F. (311) 285)

ChNP (chicken natriuretic peptide) mRNA

Cardiac myocyte, cultured; Cardiac contractility; Endothelin-1; ANP (atrial natriuretic peptide), chicken (Bézie, Y. (311) 241)

Choline

Acetylcholine; Blood pressure; Hypotension; Vasopressin; Nicotinic receptor (Savci, V. (311) 153)

Chromaffin cell

Protein kinase C; CGP 41251; Tyrosine hydroxylase; Catecholamine secretion; Nicotinic receptor (Loneragan, K. (311) 87)

Citalopram

Anxiety; Conditioned fear stress; Freezing behavior; 5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective (Inoue, T. (311) 1)

Cocaine analog

Behavior; Dopamine transporter (Fleckenstein, A.E. (311) 109)

Conditioned fear stress

Anxiety; Freezing behavior; 5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective; Citalopram (Inoue, T. (311) 1)

 ω -Conotoxin

Ca²⁺ channel; Dihydropyridine; ω -Agatoxin; Melanotrope; Pituitary; α -MSH (α -melanocyte-stimulating hormone) (Mansvelder, H.D. (311) 293)

Corticosterone

Protein mono-ADP-ribosylation; Diabetes; Nerve lesion (Gorio, A. (311) 21)

Corticosterone, serum

5-HT_{2A} receptor; 5-HT_{2C} receptor; Quipazine; MK-212; MDL 100,907; SB 200646A; (Rat) (Hemrick-Luecke, S.K. (311) 207)

Cyclobenzaprine

Monosynaptic reflex; 5-HT (5-hydroxytryptamine, serotonin) (Kobayashi, H. (311) 29)

Cytokine

15-Deoxyspergualin; T cell; B cell; Monocyte (Nicoletti, F. (311) 213)

Neuro-immune interaction; Analgesia; Nociception; Opioid; Neuropeptide (Mousa, S.A. (311) 221)

15-Deoxyspergualin

T cell; B cell; Monocyte; Cytokine (Nicoletti, F. (311) 213)

Desensitization

NMDA receptor; Glycine coagonist site; 5,7-Dichlorokynurenic acid; ACEA-1021; L-695,902; LY-294,619; RPR-104,632 (Molnár, P. (311) 311)

Development

Dopamine D₁ receptor; Locomotor activity; SKF 38393; SCH 23390; (Rat) (Shieh, G.-J. (311) 103)

Diabetes

Protein mono-ADP-ribosylation; Nerve lesion; Corticosterone (Gorio, A. (311) 21)

Smooth muscle cell, vascular; Interleukin-1 β ; Growth; Nitric oxide (NO) (Etienne, P. (311) 79)

Diabetic retinopathy

Streptozotocin-induced diabetes, rat; Electroretinogram; Oscillatory potential; Propionyl-L-carnitine; Insulin; Carnitine; Sorbitol; Serum lipid (Hotta, N. (311) 199)

5,7-Dichlorokynurenic acid

NMDA receptor; Glycine coagonist site; Desensitization; ACEA-1021; L-695,902; LY-294,619; RPR-104,632 (Molnár, P. (311) 311)

Dihydropyridine

Ca²⁺ channel; ω -Conotoxin; ω -Agatoxin; Melanotrope; Pituitary; α -MSH (α -melanocyte-stimulating hormone) (Mansvelder, H.D. (311) 293)

1,3-Di-*o*-tolylguanidine

σ Binding site; Trishomocubane; Brain membrane; (+)-Pentazocine (Nguyen, V.H. (311) 233)

cDNA

Glutamate receptor; Subunit; BHK cell; AMPA (α -amino-3-hydroxy-5-methyl-isoxalazole-4-propionate) (Andersen, P.H. (311) 95)

Dopamine

Enkephalin; Ethanol drinking; (Inbred mouse) (Ng, G.Y.K. (311) 45)

Dopamine D₁ receptor

Development; Locomotor activity; SKF 38393; SCH 23390; (Rat) (Shieh, G.-J. (311) 103)

Dopamine transporter

Cocaine analog; Behavior (Fleckenstein, A.E. (311) 109)

Methamphetamine; Illicit synthesis; Synthetic impurity; NMDA receptor; BNMPA (α -benzyl-*N*-methylphenethylamine) (Moore, K.A. (311) 133)

Dorsal horn

Intermediolateral cell column; Immunohistochemistry; Hyperalgesia; Tail-flick; Spinal cord; PACAP (pituitary adenylate cyclase-activating polypeptide) (Narita, M. (311) 121)

Electroretinogram

Streptozotocin-induced diabetes, rat; Oscillatory potential; Propionyl-L-carnitine; Insulin; Carnitine; Sorbitol; Diabetic retinopathy; Serum lipid (Hotta, N. (311) 199)

Endothelin-1

Endothelin ET_A receptor; Adrenergic nerve stimulation; Prejunctional inhibition; Postjunctional potentiation; Mesenteric artery (Zhang, J.-X. (311) 169)

Cardiac myocyte, cultured; Cardiac contractility; ANP (atrial natriuretic peptide), chicken; ChNP (chicken natriuretic peptide) mRNA (Bézie, Y. (311) 241)

Endothelin ET_A receptor

Endothelin-1; Adrenergic nerve stimulation; Prejunctional inhibition; Postjunctional potentiation; Mesenteric artery (Zhang, J.-X. (311) 169)

Enkephalin

Dopamine; Ethanol drinking; (Inbred mouse) (Ng, G.Y.K. (311) 45)

Enteric nervous system

Gastrointestinal tract; Intestine; Ganglion; Myenteric plexus; Submucous plexus; Gastrointestinal motility; Intestinal prokinetic drug; Benzamide, substituted (Zafirov, D. (311) 61)

Ergot alkaloid

Trigeminal; Middle meningeal artery; Sumatriptan; Migraine (Lambert, G. (311) 141)

Ethanol drinking

Enkephalin; Dopamine; (Inbred mouse) (Ng, G.Y.K. (311) 45)

FK 888

Tachykinin NK₁ receptor; Tachykinin NK₂ receptor; Substance P; Neukinin A; SR 48968; Plus-maze; Anxiety; (Intracerebroventricular injection) (Teixeira, R.M. (311) 7)

Food intake

Anorexia; Aging; Hypothalamus; Nitric oxide (NO) synthase; Nitric oxide (NO) (Morley, J.E. (311) 15)

Free radical

Hydrogen peroxide; Non-steroidal anti-inflammatory drug; Horseradish peroxidase; Glutathione peroxidase; Scavenging (Parij, N. (311) 259)

Freezing behavior

Anxiety; Conditioned fear stress; 5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective; Citalopram (Inoue, T. (311) 1)

Ganglion

Gastrointestinal tract; Intestine; Enteric nervous system; Myenteric plexus; Submucous plexus; Gastrointestinal motility; Intestinal prokinetic drug; Benzamide, substituted (Zafirov, D. (311) 61)

Gastrointestinal motility

Gastrointestinal tract; Intestine; Ganglion; Enteric nervous system; Myenteric plexus; Submucous plexus; Intestinal prokinetic drug; Benzamide, substituted (Zafirov, D. (311) 61)

Gastrointestinal tract

Intestine; Ganglion; Enteric nervous system; Myenteric plexus; Submucous plexus; Gastrointestinal motility; Intestinal prokinetic drug; Benzamide, substituted (Zafirov, D. (311) 61)

Glutamate receptor

Subunit; BHK cell; cDNA; AMPA (α -amino-3-hydroxy-5-methyl-isoxalazole-4-propionate) (Andersen, P.H. (311) 95)

Glutathione peroxidase

Free radical; Hydrogen peroxide; Non-steroidal anti-inflammatory drug; Horseradish peroxidase; Scavenging (Parij, N. (311) 259)

Glycine coagonist site

NMDA receptor; Desensitization; 5,7-Dichlorokynurenic acid; ACEA-1021; L-695,902; LY-294,619; RPR-104,632 (Molnár, P. (311) 311)

G-protein-coupled receptor

5-HT₂ receptor; 5-HT (5-hydroxytryptamine, serotonin); (*Lymnaea stagnalis*); (Mollusc) (Gerhardt, C.C. (311) 249)

Growth

Diabetes; Smooth muscle cell, vascular; Interleukin-1 β ; Nitric oxide (NO) (Etienne, P. (311) 79)

[³H][D-Pen²,D-Pen⁵]Enkephalin

δ -Opioid receptor, agonist, antagonist; δ_1 -Opioid receptor; δ_2 -Opioid receptor; Antinociception (Bhargava, H.N. (311) 127)

Heart, rat

Preconditioning; Capsaicin; Ruthenium red; CGRP (calcitonin gene-related peptide); CGRP-(8–37) (Li, Y.-J. (311) 163)

Hepatocyte

α_1 -Adrenoceptor; Liver; (Rhesus monkey) (García-Sáinz, J.A. (311) 277)

[³H]GR168320

Histamine H₃ receptor; Radioligand binding; Cerebral cortex, rat; [³H]*N*^α-Methylhistamine (Brown, J.D. (311) 305)

Hippocampus

K⁺ channel; Seizure; Ca²⁺ channel; Levromakalim; Patch clamp (Katsumori, H. (311) 37)

Histamine H₃ receptor

Radioligand binding; [³H]GR168320; Cerebral cortex, rat; [³H]*N*^α-Methylhistamine (Brown, J.D. (311) 305)

[³H]*N*^α-Methylhistamine

Histamine H₃ receptor; Radioligand binding; [³H]GR168320; Cerebral cortex, rat (Brown, J.D. (311) 305)

Horseradish peroxidase

Free radical; Hydrogen peroxide; Non-steroidal anti-inflammatory drug; Glutathione peroxidase; Scavenging (Parij, N. (311) 259)

5-HT (5-hydroxytryptamine, serotonin) reuptake inhibitor, selective

Anxiety; Conditioned fear stress; Freezing behavior; Citalopram (Inoue, T. (311) 1)

5-HT₂ receptor

G-protein-coupled receptor; 5-HT (5-hydroxytryptamine, serotonin); (*Lymnaea stagnalis*); (Mollusc) (Gerhardt, C.C. (311) 249)

5-HT_{2A} receptor

5-HT_{2C} receptor; Quipazine; MK-212; MDL 100,907; SB 200646A; Corticosterone, serum; (Rat) (Hemrick-Luecke, S.K. (311) 207)

5-HT_{2C} receptor

5-HT_{2A} receptor; Quipazine; MK-212; MDL 100,907; SB 200646A; Corticosterone, serum; (Rat) (Hemrick-Luecke, S.K. (311) 207)

5-HT₃ receptor

Intestinal transit; Prokinetic benzamide; (Mouse) (Nagakura, Y. (311) 67)

Ageing; Avoidance, multiple choice; Memory; Itasetron (DAU 6215) (Pitsikas, N. (311) 115)

Hydrogen peroxide

Free radical; Non-steroidal anti-inflammatory drug; Horseradish peroxidase; Glutathione peroxidase; Scavenging (Parij, N. (311) 259)

Hyperalgesia

Dorsal horn; Intermediolateral cell column; Immunohistochemistry; Tail-flick; Spinal cord; PACAP (pituitary adenylate cyclase-activating polypeptide) (Narita, M. (311) 121)

Hypnotic

*N*³-Phenacyluridine; Sedative; Central nervous system; Benzodiazepine receptor (Kimura, T. (311) 265)

Hypotension

Choline; Acetylcholine; Blood pressure; Vasopressin; Nicotinic receptor (Savci, V. (311) 153)

Hypothalamus

Anorexia; Food intake; Aging; Nitric oxide (NO) synthase; Nitric oxide (NO) (Morley, J.E. (311) 15)

Illicit synthesis

Methamphetamine; Synthetic impurity; NMDA receptor; Dopamine transporter; BNMPA (α -benzyl-*N*-methylphenethylamine) (Moore, K.A. (311) 133)

Immunohistochemistry

Dorsal horn; Intermediolateral cell column; Hyperalgesia; Tail-flick; Spinal cord; PACAP (pituitary adenylate cyclase-activating polypeptide) (Narita, M. (311) 121)

Inhibition

Purinergic; Micturition volume threshold; Nitric oxide (NO) (Theobald Jr., R.J. (311) 73)

Insulin

Streptozotocin-induced diabetes, rat; Electroretinogram; Oscillatory potential; Propionyl-L-carnitine; Carnitine; Sorbitol; Diabetic retinopathy; Serum lipid (Hotta, N. (311) 199)

Interleukin-1 β

Diabetes; Smooth muscle cell, vascular; Growth; Nitric oxide (NO) (Etienne, P. (311) 79)

Intermediolateral cell column

Dorsal horn; Immunohistochemistry; Hyperalgesia; Tail-flick; Spinal cord; PACAP (pituitary adenylate cyclase-activating polypeptide) (Narita, M. (311) 121)

Intestinal prokinetic drug

Gastrointestinal tract; Intestine; Ganglion; Enteric nervous system; Myenteric plexus; Submucous plexus; Gastrointestinal motility; Benzamide, substituted (Zafirov, D. (311) 61)

Intestinal transit

5-HT₃ receptor; Prokinetic benzamide; (Mouse) (Nagakura, Y. (311) 67)

Intestine

Gastrointestinal tract; Ganglion; Enteric nervous system; Myenteric plexus; Submucous plexus; Gastrointestinal motility; Intestinal prokinetic drug; Benzamide, substituted (Zafirov, D. (311) 61)

K⁺ channel

Seizure; Ca²⁺ channel; Hippocampus; Levromakalim; Patch clamp (Katsumori, H. (311) 37)

L-695,902

NMDA receptor; Glycine coagonist site; Desensitization; 5,7-Dichlorokynurenic acid; ACEA-1021; LY-294,619; RPR-104,632 (Molnár, P. (311) 311)

Levromakalim

K⁺ channel; Seizure; Ca²⁺ channel; Hippocampus; Patch clamp (Katsumori, H. (311) 37)

Liver

α_1 -Adrenoceptor; Hepatocyte; (Rhesus monkey) (García-Sáinz, J.A. (311) 277)

Locomotor activity

Dopamine D₁ receptor; Development; SKF 38393; SCH 23390; (Rat) (Shieh, G.-J. (311) 103)

LY-294,619

NMDA receptor; Glycine coagonist site; Desensitization; 5,7-Dichlorokynurenic acid; ACEA-1021; L-695,902; RPR-104,632 (Molnár, P. (311) 311)

MDL 100,907

5-HT_{2A} receptor; 5-HT_{2C} receptor; Quipazine; MK-212; SB 200646A; Corticosterone, serum; (Rat) (Hemrick-Luecke, S.K. (311) 207)

Melanotrope

Ca²⁺ channel; Dihydropyridine; ω -Conotoxin; ω -Agatoxin; Pituitary; α -MSH (α -melanocyte-stimulating hormone) (Mansvelder, H.D. (311) 293)

Memory

Ageing; 5-HT₃ receptor; Avoidance, multiple choice; Itasetron (DAU 6215) (Pitsikas, N. (311) 115)

Mesenteric artery

Endothelin-1; Endothelin ET_A receptor; Adrenergic nerve stimulation; Prejunctional inhibition; Postjunctional potentiation (Zhang, J.-X. (311) 169)

Methamphetamine

Illicit synthesis; Synthetic impurity; NMDA receptor; Dopamine transporter; BNMPA (α -benzyl-*N*-methylphenethylamine) (Moore, K.A. (311) 133)

Micturition volume threshold

Purinergic; Inhibition; Nitric oxide (NO) (Theobald Jr., R.J. (311) 73)

Middle meningeal artery

Trigeminal; Ergot alkaloid; Sumatriptan; Migraine (Lambert, G. (311) 141)

Migraine

Trigeminal; Middle meningeal artery; Ergot alkaloid; Sumatriptan (Lambert, G. (311) 141)

MK-212

5-HT_{2A} receptor; 5-HT_{2C} receptor; Quipazine; MDL 100,907; SB 200646A; Corticosterone, serum; (Rat) (Hemrick-Luecke, S.K. (311) 207)

Monocyte

15-Deoxyspergualin; T cell; B cell; Cytokine (Nicoletti, F. (311) 213)

Monosynaptic reflex

Cyclobenzaprine; 5-HT (5-hydroxytryptamine, serotonin) (Kobayashi, H. (311) 29)

Mutagenesis

Opioid receptor; Chimeric receptor; Structure-function relationship; δ -Opioid receptor ligand (Meng, F. (311) 285)

Myenteric plexus

Gastrointestinal tract; Intestine; Ganglion; Enteric nervous system; Submucous plexus; Gastrointestinal motility; Intestinal prokinetic drug; Benzamide, substituted (Zafirov, D. (311) 61)

Nerve lesion

Protein mono-ADP-ribosylation; Diabetes; Corticosterone (Gorio, A. (311) 21)

Neuro-immune interaction

Analgesia; Nociception; Opioid; Neuropeptide; Cytokine (Mousa, S.A. (311) 221)

Neurokinin A

Tachykinin NK₁ receptor; Tachykinin NK₂ receptor; Substance P; FK 888; SR 48968; Plus-maze; Anxiety; (Intracerebroventricular injection) (Teixeira, R.M. (311) 7)

Neuropeptide

Neuro-immune interaction; Analgesia; Nociception; Opioid; Cytokine (Mousa, S.A. (311) 221)

Nicotinic receptor

Protein kinase C; CGP 41251; Chromaffin cell; Tyrosine hydroxylase; Catecholamine secretion (Loneragan, K. (311) 87)

Choline; Acetylcholine; Blood pressure; Hypotension; Vasopressin (Savci, V. (311) 153)

Nitric oxide (NO) synthase

Anorexia; Food intake; Aging; Hypothalamus; Nitric oxide (NO) (Morley, J.E. (311) 15)

NK₂ receptor

Autoradiography; Airway; Substance P; [¹²⁵I][Lys⁵,Tyr(I₂)⁷,MeLeu⁹,Nle¹⁰]Neurokinin A-(4–10) (Strigas, J. (311) 177)

NMDA receptor

Methamphetamine; Illicit synthesis; Synthetic impurity; Dopamine transporter; BNMPA (α -benzyl-*N*-methylphenethylamine) (Moore, K.A. (311) 133)

Glycine coagonist site; Desensitization; 5,7-Dichlorokynurenic acid; ACEA-1021; L-695,902; LY-294,619; RPR-104,632 (Molnár, P. (311) 311)

Nociceptin

Orphanin FQ; Analgesia (Rossi, G.C. (311) R7)

Nociceptin receptor

Bioassay; Vas deferens, mouse (Calò, G. (311) R3)

Nociception

Neuro-immune interaction; Analgesia; Opioid; Neuropeptide; Cytokine (Mousa, S.A. (311) 221)

Non-steroidal anti-inflammatory drug

Free radical; Hydrogen peroxide; Horseradish peroxidase; Glutathione peroxidase; Scavenging (Parij, N. (311) 259)

Opioid

Neuro-immune interaction; Analgesia; Nociception; Neuropeptide; Cytokine (Mousa, S.A. (311) 221)

Opioid receptor

Chimeric receptor; Mutagenesis; Structure-function relationship; δ -Opioid receptor ligand (Meng, F. (311) 285)

 δ_1 -Opioid receptor

δ -Opioid receptor, agonist, antagonist; δ_2 -Opioid receptor; Antinociception; [³H][D-Pen²,D-Pen⁵]Enkephalin (Bhargava, H.N. (311) 127)

 δ_2 -Opioid receptor

δ -Opioid receptor, agonist, antagonist; δ_1 -Opioid receptor; Antinociception; [³H][D-Pen²,D-Pen⁵]Enkephalin (Bhargava, H.N. (311) 127)

 δ -Opioid receptor, agonist, antagonist

δ_1 -Opioid receptor; δ_2 -Opioid receptor; Antinociception; [³H][D-Pen²,D-Pen⁵]Enkephalin (Bhargava, H.N. (311) 127)

 δ -Opioid receptor ligand

Opioid receptor; Chimeric receptor; Mutagenesis; Structure-function relationship (Meng, F. (311) 285)

Orphanin FQ

Nociceptin; Analgesia (Rossi, G.C. (311) R7)

Oscillatory potential

Streptozotocin-induced diabetes, rat; Electroretinogram; Propionyl-L-carnitine; Insulin; Carnitine; Sorbitol; Diabetic retinopathy; Serum lipid (Hotta, N. (311) 199)

Patch clamp

K⁺ channel; Seizure; Ca²⁺ channel; Hippocampus; Levromakalim (Katsumori, H. (311) 37)

***N*³-Phenacyluridine**

Sedative; Hypnotic; Central nervous system; Benzodiazepine receptor (Kimura, T. (311) 265)

Pituitary

Ca²⁺ channel; Dihydropyridine; ω -Conotoxin; ω -Agatoxin; Melanotrope; α -MSH (α -melanocyte-stimulating hormone) (Mansvelder, H.D. (311) 293)

Plus-maze

Tachykinin NK₁ receptor; Tachykinin NK₂ receptor; Substance P; Neuropeptide Y; FK 888; SR 48968; Anxiety; (Intracerebroventricular injection) (Teixeira, R.M. (311) 7)

Postjunctional potentiation

Endothelin-1; Endothelin ET_A receptor; Adrenergic nerve stimulation; Prejunctional inhibition; Mesenteric artery (Zhang, J.-X. (311) 169)

Preconditioning

Heart, rat; Capsaicin; Ruthenium red; CGRP (calcitonin gene-related peptide); CGRP-(8–37) (Li, Y.-J. (311) 163)

Prejunctional inhibition

Endothelin-1; Endothelin ET_A receptor; Adrenergic nerve stimulation; Postjunctional potentiation; Mesenteric artery (Zhang, J.-X. (311) 169)

Prokinetic benzamide

5-HT₃ receptor; Intestinal transit; (Mouse) (Nagakura, Y. (311) 67)

Propionyl-L-carnitine

Streptozotocin-induced diabetes, rat; Electroretinogram; Oscillatory potential; Insulin; Carnitine; Sorbitol; Diabetic retinopathy; Serum lipid (Hotta, N. (311) 199)

Protein kinase C

CGP 41251; Chromaffin cell; Tyrosine hydroxylase; Catecholamine secretion; Nicotinic receptor (Loneragan, K. (311) 87)

Protein kinase C, cytosolic

Smooth muscle, vascular; Ca²⁺; Protein kinase C, particulate (Bazan, E. (311) 101)

Protein kinase C, particulate

Smooth muscle, vascular; Ca²⁺; Protein kinase C, cytosolic (Bazan, E. (311) 101)

Protein mono-ADP-ribosylation

Diabetes; Nerve lesion; Corticosterone (Gorio, A. (311) 21)

Purinergic

Micturition volume threshold; Inhibition; Nitric oxide (NO) (Theobald Jr., R.J. (311) 73)

Quipazine

5-HT_{2A} receptor; 5-HT_{2C} receptor; MK-212; MDL 100,907; SB 200646A; Corticosterone, serum; (Rat) (Hemrick-Luecke, S.K. (311) 207)

Radioligand binding

Histamine H₃ receptor; [³H]GR168320; Cerebral cortex, rat; [³H]*N*^α-Methylhistamine (Brown, J.D. (311) 305)

 σ Receptor

Ryanodine; Inositol 1,4,5-trisphosphate (Tsao, L.-I. (311) R1)

RPR-104,632

NMDA receptor; Glycine coagonist site; Desensitization; 5,7-Dichlorokynurenic acid; ACEA-1021; L-695,902; LY-294,619 (Molnár, P. (311) 311)

Ruthenium red

Heart, rat; Preconditioning; Capsaicin; CGRP (calcitonin gene-related peptide); CGRP-(8–37) (Li, Y.-J. (311) 163)

Ryanodine

Sarcoplasmic reticulum; Ca²⁺-buffering function; Ca²⁺ channel, voltage-dependent; Arterial myogenic tone; Cerebral artery; (Dog) (Asano, M. (311) 53)

σ Receptor; Inositol 1,4,5-trisphosphate (Tsao, L.-I. (311) R1)

Sarcoplasmic reticulum

Ryanodine; Ca²⁺-buffering function; Ca²⁺ channel, voltage-dependent; Arterial myogenic tone; Cerebral artery; (Dog) (Asano, M. (311) 53)

SB 200646A

5-HT_{2A} receptor; 5-HT_{2C} receptor; Quipazine; MK-212; MDL 100,907; Corticosterone, serum; (Rat) (Hemrick-Luecke, S.K. (311) 207)

Scavenging

Free radical; Hydrogen peroxide; Non-steroidal anti-inflammatory drug; Horseradish peroxidase; Glutathione peroxidase (Parij, N. (311) 259)

SCH 23390

Dopamine D₁ receptor; Development; Locomotor activity; SKF 38393; (Rat) (Shieh, G.-J. (311) 103)

Sedative

*N*³-Phenacyluridine; Hypnotic; Central nervous system; Benzodiazepine receptor (Kimura, T. (311) 265)

Seizure

K⁺ channel; Ca²⁺ channel; Hippocampus; Levromakalim; Patch clamp (Katsumori, H. (311) 37)

Serum lipid

Streptozotocin-induced diabetes, rat; Electroretinogram; Oscillatory potential; Propionyl-L-carnitine; Insulin; Carnitine; Sorbitol; Diabetic retinopathy (Hotta, N. (311) 199)

Single channel current

Ag⁺; Au³⁺; Skeletal muscle contraction; Ca²⁺ release channel (Nihonyanagi, K. (311) 271)

Skeletal muscle contraction

Ag⁺; Au³⁺; Ca²⁺ release channel; Single channel current (Nihonyanagi, K. (311) 271)

SKF 38393

Dopamine D₁ receptor; Development; Locomotor activity; SCH 23390; (Rat) (Shieh, G.-J. (311) 103)

Smooth muscle cell, vascular

Diabetes; Interleukin-1 β ; Growth; Nitric oxide (NO) (Etienne, P. (311) 79)

Smooth muscle, vascular

Ca²⁺; Protein kinase C, cytosolic; Protein kinase C, particulate (Bazan, E. (311) 101)

Sorbitol

Streptozotocin-induced diabetes, rat; Electroretinogram; Oscillatory potential; Propionyl-L-carnitine; Insulin; Carnitine; Diabetic retinopathy; Serum lipid (Hotta, N. (311) 199)

Spinal cord

Dorsal horn; Intermediolateral cell column; Immunohistochemistry; Hyperalgesia; Tail-flick; PACAP (pituitary adenylate cyclase-activating polypeptide) (Narita, M. (311) 121)

Spleen, mouse

α_1 -Adrenoceptor, subtypes A, B and D (Eltze, M. (311) 187)

SR 48968

Tachykinin NK₁ receptor; Tachykinin NK₂ receptor; Substance P; Neurokinin A; FK 888; Plus-maze; Anxiety; (Intracerebroventricular injection) (Teixeira, R.M. (311) 7)

Streptozotocin-induced diabetes, rat

Electroretinogram; Oscillatory potential; Propionyl-L-carnitine; Insulin; Carnitine; Sorbitol; Diabetic retinopathy; Serum lipid (Hotta, N. (311) 199)

Structure-function relationship

Opioid receptor; Chimeric receptor; Mutagenesis; δ -Opioid receptor ligand (Meng, F. (311) 285)

Submucous plexus

Gastrointestinal tract; Intestine; Ganglion; Enteric nervous system; Myenteric plexus; Gastrointestinal motility; Intestinal prokinetic drug; Benzamide, substituted (Zafirov, D. (311) 61)

Substance P

Tachykinin NK₁ receptor; Tachykinin NK₂ receptor; Neurokinin A; FK 888; SR 48968; Plus-maze; Anxiety; (Intracerebroventricular injection) (Teixeira, R.M. (311) 7)

Autoradiography; NK₂ receptor; Airway; [¹²⁵I][Lys⁵, Tyr(I₂)⁷, MeLeu⁹, Nle¹⁰]Neurokinin A-(4–10) (Strigas, J. (311) 177)

Subunit

Glutamate receptor; BHK cell; cDNA; AMPA (α -amino-3-hydroxy-5-methyl-isoxalazole-4-propionate) (Andersen, P.H. (311) 95)

Sumatriptan

Trigeminal; Middle meningeal artery; Ergot alkaloid; Migraine (Lambert, G. (311) 141)

Synthetic impurity

Methamphetamine; Illicit synthesis; NMDA receptor; Dopamine transporter; BNMPA (α -benzyl-*N*-methylphenethylamine) (Moore, K.A. (311) 133)

Tachykinin NK₁ receptor

Tachykinin NK₂ receptor; Substance P; Neurokinin A; FK 888; SR 48968; Plus-maze; Anxiety; (Intracerebroventricular injection) (Teixeira, R.M. (311) 7)

Tachykinin NK₂ receptor

Tachykinin NK₁ receptor; Substance P; Neurokinin A; FK 888; SR 48968; Plus-maze; Anxiety; (Intracerebroventricular injection) (Teixeira, R.M. (311) 7)

Tail-flick

Dorsal horn; Intermediolateral cell column; Immunohistochemistry; Hyperalgesia; Spinal cord; PACAP (pituitary adenylate cyclase-activating polypeptide) (Narita, M. (311) 121)

T cell

15-Deoxyspergualin; B cell; Monocyte; Cytokine (Nicoletti, F. (311) 213)

Trigeminal

Middle meningeal artery; Ergot alkaloid; Sumatriptan; Migraine (Lambert, G. (311) 141)

Trishomocubane

σ Binding site; 1,3-Di-*o*-tolylguanidine; Brain membrane; (+)-Pentazocine (Nguyen, V.H. (311) 233)

Tyrosine hydroxylase

Protein kinase C; CGP 41251; Chromaffin cell; Catecholamine secretion; Nicotinic receptor (Loneragan, K. (311) 87)

Vas deferens, mouse

Nociceptin receptor; Bioassay (Calò, G. (311) R3)

Vasopressin

Choline; Acetylcholine; Blood pressure; Hypotension; Nicotinic receptor (Savci, V. (311) 153)