

Keyword index

Acyclic nucleoside phosphonate

Antiviral; Chemokine; Cytokine; Nitric oxide (NO) (Zidek, Z. (475) 149)

Adenosine A_{2B} receptor

Species difference; Adenosine receptor antagonist; Colon, rat; Aorta, guinea pig; Saphenous vein, dog (Fozard, J.R. (475) 79)

Adenosine receptor antagonist

Adenosine A_{2B} receptor; Species difference; Colon, rat; Aorta, guinea pig; Saphenous vein, dog (Fozard, J.R. (475) 79)

Airway hyperresponsiveness

Airway smooth muscle contraction; Erythromycin; Macrolide antibiotic; Ca²⁺-dependent Cl[−] current (Janssen, L.J. (475) 93)

Airway smooth muscle contraction

Airway hyperresponsiveness; Erythromycin; Macrolide antibiotic; Ca²⁺-dependent Cl[−] current (Janssen, L.J. (475) 93)

Anandamide

Vanilloid VR1 receptor; Cannabinoid CB₁ receptor; Vanilloid; Cannabinoid (Harrison, S. (475) 107)

Antiviral

Acyclic nucleoside phosphonate; Chemokine; Cytokine; Nitric oxide (NO) (Zidek, Z. (475) 149)

Aorta

Protein kinase C; Diabetes mellitus; Endothelium; Smooth muscle; NANC (non-adrenergic, non-cholinergic) nerve; Nitric oxide (NO); Corpus cavernosum (Nangle, M.R. (475) 99)

Aorta, guinea pig

Adenosine A_{2B} receptor; Species difference; Adenosine receptor antagonist; Colon, rat; Saphenous vein, dog (Fozard, J.R. (475) 79)

Arteriovenous anastomosis

BIBN4096BS; Carotid vasodilatation; Cardiac output; CGRP (calcitonin gene-related peptide); α-CGRP human; Migraine; (Pig) (Kapoor, K. (475) 69)

Atherosclerosis

Diabetes mellitus; LDL (low-density lipoprotein), glycoxidized; MCP-1 (monocyte chemoattractant protein-1); NF-κB (nuclear factor-κB); Umbilical vein endothelial cell, human (Sonoki, K. (475) 139)

Basolateral membrane

Organic anion transporter 1; Organic anion transporter 3; Phenolsulfonylthalein; Renal uptake; Urinary excretion (Itagaki, S. (475) 85)

BIBN4096BS

Arteriovenous anastomosis; Carotid vasodilatation; Cardiac output; CGRP (calcitonin gene-related peptide); α-CGRP human; Migraine; (Pig) (Kapoor, K. (475) 69)

Biomarker

Nefiracetam; Metabolite; Renal papillary necrosis; Prostaglandin (Tsuchiya, Y. (475) 119)

Body weight

MCH (melanin-concentrating hormone); Food intake; Neuropeptide Y; Obesity (Shearman, L.P. (475) 37)

Bradykinin

Bradykinin receptor; Des-Arg⁹-bradykinin; HOE-140; R-715; Ovalbumin sensitization; Bronchoalveolar lavage; Eosinophil; Ca²⁺ intracellular; Fura-2 (Eric, J. (475) 129)

Bradykinin receptor

Bradykinin; Des-Arg⁹-bradykinin; HOE-140; R-715; Ovalbumin sensitization; Bronchoalveolar lavage; Eosinophil; Ca²⁺ intracellular; Fura-2 (Eric, J. (475) 129)

Brain

Catecholamine; Plasma; Corticotropin-releasing hormone (CRH); Phospholipase C; Diacylglycerol lipase; Sympatho-adrenomedullary outflow (Okada, S. (475) 49)

Bronchoalveolar lavage

Bradykinin receptor; Bradykinin; Des-Arg⁹-bradykinin; HOE-140; R-715; Ovalbumin sensitization; Eosinophil; Ca²⁺ intracellular; Fura-2 (Eric, J. (475) 129)

Ca²⁺ current

Na⁺ current; Ion channel; Toxin; Catecholamine cell (Arroyo, G. (475) 11)

Ca²⁺-dependent Cl[−] current

Airway smooth muscle contraction; Airway hyperresponsiveness; Erythromycin; Macrolide antibiotic (Janssen, L.J. (475) 93)

Ca²⁺ intracellular

Bradykinin receptor; Bradykinin; Des-Arg⁹-bradykinin; HOE-140; R-715; Ovalbumin sensitization; Bronchoalveolar lavage; Eosinophil; Fura-2 (Eric, J. (475) 129)

Cannabinoid

Vanilloid VR1 receptor; Cannabinoid CB₁ receptor; Anandamide; Vanilloid (Harrison, S. (475) 107)

NANC (Non-adrenergic non-cholinergic) inhibitory; WIN 55,212-2; Trachea; (Guinea-pig); Nitric oxide (NO) (Nieri, P. (475) 115)

Cannabinoid CB₁ receptor

Vanilloid VR1 receptor; Anandamide; Vanilloid; Cannabinoid (Harrison, S. (475) 107)

Cardiac output

Arteriovenous anastomosis; BIBN4096BS; Carotid vasodilatation; CGRP (calcitonin gene-related peptide); α-CGRP human; Migraine; (Pig) (Kapoor, K. (475) 69)

Carotid vasodilatation

Arteriovenous anastomosis; BIBN4096BS; Cardiac output; CGRP (calcitonin gene-related peptide); α -CGRP human; Migraine; (Pig) (Kapoor, K. (475) 69)

Catecholamine

Plasma; Corticotropin-releasing hormone (CRH); Phospholipase C; Diacylglycerol lipase; Brain; Sympatho-adrenomedullary outflow (Okada, S. (475) 49)

Catecholamine cell

Ca²⁺ current; Na⁺ current; Ion channel; Toxin (Arroyo, G. (475) 11)

CGRP (calcitonin gene-related peptide)

Arteriovenous anastomosis; BIBN4096BS; Carotid vasodilatation; Cardiac output; α -CGRP human; Migraine; (Pig) (Kapoor, K. (475) 69)

 α -CGRP human

Arteriovenous anastomosis; BIBN4096BS; Carotid vasodilatation; Cardiac output; CGRP (calcitonin gene-related peptide); Migraine; (Pig) (Kapoor, K. (475) 69)

Chemokine

Acyclic nucleoside phosphonate; Antiviral; Cytokine; Nitric oxide (NO) (Zidek, Z. (475) 149)

Colon, rat

Adenosine A_{2B} receptor; Species difference; Adenosine receptor antagonist; Aorta, guinea pig; Saphenous vein, dog (Fozard, J.R. (475) 79)

Corpus cavernosum

Protein kinase C; Diabetes mellitus; Endothelium; Smooth muscle; NANC (non-adrenergic, non-cholinergic) nerve; Nitric oxide (NO); Aorta (Nangle, M.R. (475) 99)

Corticotropin-releasing hormone (CRH)

Catecholamine; Plasma; Phospholipase C; Diacylglycerol lipase; Brain; Sympatho-adrenomedullary outflow (Okada, S. (475) 49)

Cyclooxygenase

Honokiol; Reactive oxygen species; NADPH oxidase; Myeloperoxidase; Glutathione peroxidase; Protein kinase C (Liou, K.-T. (475) 19)

Cytokine

Acyclic nucleoside phosphonate; Antiviral; Chemokine; Nitric oxide (NO) (Zidek, Z. (475) 149)

Des-Arg⁹-bradykinin

Bradykinin receptor; Bradykinin; HOE-140; R-715; Ovalbumin sensitization; Bronchoalveolar lavage; Eosinophil; Ca²⁺ intracellular; Fura-2 (Eric, J. (475) 129)

Diabetes mellitus

Protein kinase C; Endothelium; Smooth muscle; NANC (non-adrenergic, non-cholinergic) nerve; Nitric oxide (NO); Aorta; Corpus cavernosum (Nangle, M.R. (475) 99)

Atherosclerosis; LDL (low-density lipoprotein), glycoxidized; MCP-1 (monocyte chemoattractant protein-1); NF- κ B (nuclear factor- κ B); Umbilical vein endothelial cell, human (Sonoki, K. (475) 139)

Diacylglycerol lipase

Catecholamine; Plasma; Corticotropin-releasing hormone (CRH); Phospholipase C; Brain; Sympatho-adrenomedullary outflow (Okada, S. (475) 49)

Dopamine

Kainic acid; 6-OHDA (6-hydroxydopamine); Memory; Substantia nigra; Ventral tegmental area (Hefco, V. (475) 55)

Dopamine D₃ receptor

Parkinson's disease; MPTP; Pramipexole (Ramirez, A.D. (475) 29)

Endothelium

Protein kinase C; Diabetes mellitus; Smooth muscle; NANC (non-adrenergic, non-cholinergic) nerve; Nitric oxide (NO); Aorta; Corpus cavernosum (Nangle, M.R. (475) 99)

Eosinophil

Bradykinin receptor; Bradykinin; Des-Arg⁹-bradykinin; HOE-140; R-715; Ovalbumin sensitization; Bronchoalveolar lavage; Ca²⁺ intracellular; Fura-2 (Eric, J. (475) 129)

Erythromycin

Airway smooth muscle contraction; Airway hyperresponsiveness; Macrolide antibiotic; Ca²⁺-dependent Cl⁻ current (Janssen, L.J. (475) 93)

Exocytosis

Local anaesthetic; Procaine; Fluid-phase endocytosis; Fibroblast; Skin, human; Neutral red uptake assay (Michalik, M. (475) 1)

Fibroblast

Local anaesthetic; Procaine; Fluid-phase endocytosis; Exocytosis; Skin, human; Neutral red uptake assay (Michalik, M. (475) 1)

Fluid-phase endocytosis

Local anaesthetic; Procaine; Exocytosis; Fibroblast; Skin, human; Neutral red uptake assay (Michalik, M. (475) 1)

Food intake

MCH (melanin-concentrating hormone); Body weight; Neuropeptide Y; Obesity (Shearman, L.P. (475) 37)

Fura-2

Bradykinin receptor; Bradykinin; Des-Arg⁹-bradykinin; HOE-140; R-715; Ovalbumin sensitization; Bronchoalveolar lavage; Eosinophil; Ca²⁺ intracellular (Eric, J. (475) 129)

Glutathione peroxidase

Honokiol; Reactive oxygen species; NADPH oxidase; Myeloperoxidase; Cyclooxygenase; Protein kinase C (Liou, K.-T. (475) 19)

(Guinea-pig)

NANC (Non-adrenergic non-cholinergic) inhibitory; Cannabinoid; WIN 55,212-2; Trachea; Nitric oxide (NO) (Nieri, P. (475) 115)

Hemodynamic

Sepsis; Steroid; Vasopressor; Nitric oxide (NO) (Mansart, A. (475) 61)

HOE-140

Bradykinin receptor; Bradykinin; Des-Arg⁹-bradykinin; R-715; Ovalbumin sensitization; Bronchoalveolar lavage; Eosinophil; Ca²⁺ intracellular; Fura-2 (Eric, J. (475) 129)

Honokiol

Reactive oxygen species; NADPH oxidase; Myeloperoxidase; Cyclooxygenase; Glutathione peroxidase; Protein kinase C (Liou, K.-T. (475) 19)

Hormone replacement therapy

19-Nor-steroid; Norethisterone; Progestin, synthetic; Vasorelaxation (Peruquía, M. (475) 161)

Ion channel

Ca²⁺ current; Na⁺ current; Toxin; Catecholamine cell (Arroyo, G. (475) 11)

Kainic acid

Dopamine; 6-OHDA (6-hydroxydopamine); Memory; Substantia nigra; Ventral tegmental area (Hefco, V. (475) 55)

LDL (low-density lipoprotein), glycooxidized

Diabetes mellitus; Atherosclerosis; MCP-1 (monocyte chemoattractant protein-1); NF- κ B (nuclear factor- κ B); Umbilical vein endothelial cell, human (Sonoki, K. (475) 139)

Local anaesthetic

Procaine; Fluid-phase endocytosis; Exocytosis; Fibroblast; Skin, human; Neutral red uptake assay (Michalik, M. (475) 1)

Macrolide antibiotic

Airway smooth muscle contraction; Airway hyperresponsiveness; Erythromycin; Ca²⁺-dependent Cl⁻ current (Janssen, L.J. (475) 93)

MCH (melanin-concentrating hormone)

Food intake; Body weight; Neuropeptide Y; Obesity (Shearman, L.P. (475) 37)

MCP-1 (monocyte chemoattractant protein-1)

Diabetes mellitus; Atherosclerosis; LDL (low-density lipoprotein), glycooxidized; NF- κ B (nuclear factor- κ B); Umbilical vein endothelial cell, human (Sonoki, K. (475) 139)

Memory

Dopamine; Kainic acid; 6-OHDA (6-hydroxydopamine); Substantia nigra; Ventral tegmental area (Hefco, V. (475) 55)

Metabolite

Nefiracetam; Renal papillary necrosis; Prostaglandin; Biomarker (Tsuchiya, Y. (475) 119)

Migraine

Arteriovenous anastomosis; BIBN4096BS; Carotid vasodilatation; Cardiac output; CGRP (calcitonin gene-related peptide); α -CGRP human; (Pig) (Kapoor, K. (475) 69)

MPTP

Parkinson's disease; Pramipexole; Dopamine D₃ receptor (Ramirez, A.D. (475) 29)

Myeloperoxidase

Honokiol; Reactive oxygen species; NADPH oxidase; Cyclooxygenase; Glutathione peroxidase; Protein kinase C (Liou, K.-T. (475) 19)

Na⁺ current

Ca²⁺ current; Ion channel; Toxin; Catecholamine cell (Arroyo, G. (475) 11)

NADPH oxidase

Honokiol; Reactive oxygen species; Myeloperoxidase; Cyclooxygenase; Glutathione peroxidase; Protein kinase C (Liou, K.-T. (475) 19)

NANC (Non-adrenergic non-cholinergic) inhibitory

Cannabinoid; WIN 55,212-2; Trachea; (Guinea-pig); Nitric oxide (NO) (Nieri, P. (475) 115)

NANC (non-adrenergic, non-cholinergic) nerve

Protein kinase C; Diabetes mellitus; Endothelium; Smooth muscle; Nitric oxide (NO); Aorta; Corpus cavernosum (Nangle, M.R. (475) 99)

Nefiracetam

Metabolite; Renal papillary necrosis; Prostaglandin; Biomarker (Tsuchiya, Y. (475) 119)

Neuropeptide Y

MCH (melanin-concentrating hormone); Food intake; Body weight; Obesity (Shearman, L.P. (475) 37)

Neutral red uptake assay

Local anaesthetic; Procaine; Fluid-phase endocytosis; Exocytosis; Fibroblast; Skin, human (Michalik, M. (475) 1)

NF- κ B (nuclear factor- κ B)

Diabetes mellitus; Atherosclerosis; LDL (low-density lipoprotein), glycooxidized; MCP-1 (monocyte chemoattractant protein-1); Umbilical vein endothelial cell, human (Sonoki, K. (475) 139)

Nitric oxide (NO)

Sepsis; Steroid; Vasopressor; Hemodynamic (Mansart, A. (475) 61)

Protein kinase C; Diabetes mellitus; Endothelium; Smooth muscle; NANC (non-adrenergic, non-cholinergic) nerve; Aorta; Corpus cavernosum (Nangle, M.R. (475) 99)

NANC (Non-adrenergic non-cholinergic) inhibitory; Cannabinoid; WIN 55,212-2; Trachea; (Guinea-pig) (Nieri, P. (475) 115)

Acyclic nucleoside phosphonate; Antiviral; Chemokine; Cytokine (Zidek, Z. (475) 149)

Norethisterone

19-Nor-steroid; Progestin, synthetic; Vasorelaxation; Hormone replacement therapy (Perusquía, M. (475) 161)

19-Nor-steroid

Norethisterone; Progestin, synthetic; Vasorelaxation; Hormone replacement therapy (Perusquía, M. (475) 161)

Obesity

MCH (melanin-concentrating hormone); Food intake; Body weight; Neuropeptide Y (Shearman, L.P. (475) 37)

6-OHDA (6-hydroxydopamine)

Dopamine; Kainic acid; Memory; Substantia nigra; Ventral tegmental area (Hefco, V. (475) 55)

Organic anion transporter 1

Basolateral membrane; Organic anion transporter 3; Phenolsulfonphthalein; Renal uptake; Urinary excretion (Itagaki, S. (475) 85)

Ovalbumin sensitization

Bradykinin receptor; Bradykinin; Des-Arg⁹-bradykinin; HOE-140; R-715; Bronchoalveolar lavage; Eosinophil; Ca²⁺ intracellular; Fura-2 (Eric, J. (475) 129)

Parkinson's disease

MPTP; Pramipexole; Dopamine D₃ receptor (Ramirez, A.D. (475) 29)

Phenolsulfonphthalein

Basolateral membrane; Organic anion transporter 1; Organic anion transporter 3; Renal uptake; Urinary excretion (Itagaki, S. (475) 85)

Phospholipase C

Catecholamine; Plasma; Corticotropin-releasing hormone (CRH); Diacylglycerol lipase; Brain; Sympatho-adrenomedullary outflow (Okada, S. (475) 49)

(Pig)

Arteriovenous anastomosis; BIBN4096BS; Carotid vasodilatation; Cardiac output; CGRP (calcitonin gene-related peptide); α -CGRP human; Migraine (Kapoor, K. (475) 69)

Plasma

Catecholamine; Corticotropin-releasing hormone (CRH); Phospholipase C; Diacylglycerol lipase; Brain; Sympatho-adrenomedullary outflow (Okada, S. (475) 49)

Pramipexole

Parkinson's disease; MPTP; Dopamine D₃ receptor (Ramirez, A.D. (475) 29)

Procaine

Local anaesthetic; Fluid-phase endocytosis; Exocytosis; Fibroblast; Skin, human; Neutral red uptake assay (Michalik, M. (475) 1)

Progestin, synthetic

19-Nor-steroid; Norethisterone; Vasorelaxation; Hormone replacement therapy (Perusquia, M. (475) 161)

Prostaglandin

Nefiracetam; Metabolite; Renal papillary necrosis; Biomarker (Tsuchiya, Y. (475) 119)

Protein kinase C

Honokiol; Reactive oxygen species; NADPH oxidase; Myeloperoxidase; Cyclooxygenase; Glutathione peroxidase (Liou, K.-T. (475) 19)

Diabetes mellitus; Endothelium; Smooth muscle; NANC (non-adrenergic, non-cholinergic) nerve; Nitric oxide (NO); Aorta; Corpus cavernosum (Nangle, M.R. (475) 99)

R-715

Bradykinin receptor; Bradykinin; Des-Arg⁹-bradykinin; HOE-140; Ovalbumin sensitization; Bronchoalveolar lavage; Eosinophil; Ca²⁺ intracellular; Fura-2 (Eric, J. (475) 129)

Reactive oxygen species

Honokiol; NADPH oxidase; Myeloperoxidase; Cyclooxygenase; Glutathione peroxidase; Protein kinase C (Liou, K.-T. (475) 19)

Renal papillary necrosis

Nefiracetam; Metabolite; Prostaglandin; Biomarker (Tsuchiya, Y. (475) 119)

Renal uptake

Basolateral membrane; Organic anion transporter 1; Organic anion transporter 3; Phenolsulfonphthalein; Urinary excretion (Itagaki, S. (475) 85)

Saphenous vein, dog

Adenosine A_{2B} receptor; Species difference; Adenosine receptor antagonist; Colon, rat; Aorta, guinea pig (Fozard, J.R. (475) 79)

Sepsis

Steroid; Vasopressor; Hemodynamic; Nitric oxide (NO) (Mansart, A. (475) 61)

Skin, human

Local anaesthetic; Procaine; Fluid-phase endocytosis; Exocytosis; Fibroblast; Neutral red uptake assay (Michalik, M. (475) 1)

Smooth muscle

Protein kinase C; Diabetes mellitus; Endothelium; NANC (non-adrenergic, non-cholinergic) nerve; Nitric oxide (NO); Aorta; Corpus cavernosum (Nangle, M.R. (475) 99)

Species difference

Adenosine A_{2B} receptor; Adenosine receptor antagonist; Colon, rat; Aorta, guinea pig; Saphenous vein, dog (Fozard, J.R. (475) 79)

Steroid

Sepsis; Vasopressor; Hemodynamic; Nitric oxide (NO) (Mansart, A. (475) 61)

Substantia nigra

Dopamine; Kainic acid; 6-OHDA (6-hydroxydopamine); Memory; Ventral tegmental area (Hefco, V. (475) 55)

Sympatho-adrenomedullary outflow

Catecholamine; Plasma; Corticotropin-releasing hormone (CRH); Phospholipase C; Diacylglycerol lipase; Brain (Okada, S. (475) 49)

Toxin

Ca²⁺ current; Na⁺ current; Ion channel; Catecholamine cell (Arroyo, G. (475) 11)

Trachea

NANC (Non-adrenergic non-cholinergic) inhibitory; Cannabinoid; WIN 55,212-2; (Guinea-pig); Nitric oxide (NO) (Nieri, P. (475) 115)

Umbilical vein endothelial cell, human

Diabetes mellitus; Atherosclerosis; LDL (low-density lipoprotein), glycosidized; MCP-1 (monocyte chemoattractant protein-1); NF- κ B (nuclear factor- κ B) (Sonoki, K. (475) 139)

Urinary excretion

Basolateral membrane; Organic anion transporter 1; Organic anion transporter 3; Phenolsulfonphthalein; Renal uptake (Itagaki, S. (475) 85)

Vanilloid

Vanilloid VR1 receptor; Cannabinoid CB₁ receptor; Anandamide; Cannabinoid (Harrison, S. (475) 107)

Vanilloid VR1 receptor

Cannabinoid CB₁ receptor; Anandamide; Vanilloid; Cannabinoid (Harrison, S. (475) 107)

Vasopressor

Sepsis; Steroid; Hemodynamic; Nitric oxide (NO) (Mansart, A. (475) 61)

Vasorelaxation

19-Nor-steroid; Norethisterone; Progestin, synthetic; Hormone replacement therapy (Perusquia, M. (475) 161)

Ventral tegmental area

Dopamine; Kainic acid; 6-OHDA (6-hydroxydopamine); Memory; Substantia nigra (Hefco, V. (475) 55)

WIN 55,212-2

NANC (Non-adrenergic non-cholinergic) inhibitory; Cannabinoid; Trachea; (Guinea-pig); Nitric oxide (NO) (Nieri, P. (475) 115)