

# Peripheral effects of neurokinins: functional evidence for receptors

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Citation Report

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | NK-1 receptors mediate the tachykinin stimulation of salivary secretion: selective agonists provide further evidence. <i>European Journal of Pharmacology</i> , 1988, 150, 377-379.  | 1.7 | 37        |
| 2  | Neurokinin A-(4â€“10): a potent bronchospastic agent virtually devoid of sialologic properties in anaesthetized guinea-pigs. <i>European Journal of Pharmacology</i> , 1988, 148, 475-478.   | 1.7 | 5         |
| 3  | Contractile response of the human isolated urinary bladder to neurokinins: involvement of NK-2 receptors. <i>European Journal of Pharmacology</i> , 1988, 145, 335-340.  | 1.7 | 37        |
| 4  | Receptors for Neurokinins, Tachykinins, and Bombesin: A Pharmacological Study. <i>Annals of the New York Academy of Sciences</i> , 1988, 547, 158-174.   | 1.8 | 23        |
| 5  | New selective agonists for neurokinin receptors: pharmacological tools for receptor characterization. <i>Trends in Pharmacological Sciences</i> , 1988, 9, 290-295.  | 4.0 | 354       |
| 6  | The tachykinin NH <sub>2</sub> -senktide, a selective neurokinin B receptor agonist, is a very potent inhibitor of salt appetite in the rat. <i>Neuroscience Letters</i> , 1988, 92, 341-346.  | 1.0 | 46        |
| 7  | N-acylated pentapeptides antagonists of substance P on guinea-pig ileum. <i>Biochemical and Biophysical Research Communications</i> , 1988, 156, 323-327.  | 1.0 | 10        |
| 8  | Tachykinin-like immunoreactivity in the mammalian urinary bladder: Correlation with the functions of the capsaicin-sensitive sensory nerves. <i>Neuroscience</i> , 1988, 26, 233-242.  | 1.1 | 50        |
| 9  | Characterization of the peripheral action of neurokinins and neurokinin receptor selective agonists on the rat cardiovascular system. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1989, 340, 547-57.                                     | 1.4 | 47        |
| 10 | Effects of tachykinins and selective tachykinin receptor agonists on vascular permeability in the rat lower urinary tract: evidence for the involvement of NK <sub>1</sub> receptors. <i>Autonomic and Autacoid Pharmacology</i> , 1989, 9, 253-264. | 0.7 | 35        |
| 11 | Vasopressin release induced by intracranial injection of tachykinins is due to activation of central neurokinin-3 receptors. <i>Neuroscience Letters</i> , 1989, 103, 320-325.   | 1.0 | 34        |
| 12 | A potent and selective agonist for NK-2 tachykinin receptor. <i>Peptides</i> , 1989, 10, 593-595.  | 1.2 | 90        |
| 13 | Further studies on the motor response of the human isolated urinary bladder to tachykinins, capsaicin and electrical field stimulation. <i>General Pharmacology</i> , 1989, 20, 663-669.   | 0.7 | 30        |
| 14 | The hamster isolated trachea: a new preparation for studying NK-2 receptors. <i>European Journal of Pharmacology</i> , 1989, 166, 435-440.   | 1.7 | 37        |
| 15 | Effect of thiorphan on response of the guinea-pig gallbladder to tachykinins. <i>European Journal of Pharmacology</i> , 1989, 165, 51-61.  | 1.7 | 29        |
| 16 | Novel autonomic neurotransmitters and intestinal function. , 1989, 40, 401-438.  |     | 24        |
| 17 | Vasoactive Peptides and Their Receptors. <i>Journal of Vascular Research</i> , 1990, 27, 137-145.  | 0.6 | 6         |
| 18 | Neurokinin A. A pharmacological study. <i>Pharmacological Research</i> , 1990, 22, 1-14.   | 3.1 | 28        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Tachykinin receptors in the airways and lung: What should we block?. <i>Pharmacological Research</i> , 1990, 22, 527-540.   | 3.1 | 40        |
| 20 | In vivo pharmacology of [ <sup>125</sup> I]neurokinin A-(4-10), a selective NK-2 tachykinin receptor agonist. <i>European Journal of Pharmacology</i> , 1990, 177, 81-86.   | 1.7 | 37        |
| 21 | Inhibition of salt appetite in the rat following injection of tachykinins into the medial amygdala. <i>Brain Research</i> , 1990, 513, 1-7.   | 1.1 | 33        |
| 22 | Competitive antagonists discriminate between NK <sub>2</sub> tachykinin receptor subtypes. <i>British Journal of Pharmacology</i> , 1990, 100, 588-592.   | 2.7 | 164       |
| 23 | Accelerated communication a cloned NK2 receptor mediates phosphatidylinositol hydrolysis in a transfected murine fibroblast. <i>Life Sciences</i> , 1990, 47, PL7-PL12.   | 2.0 | 13        |
| 24 | Regional distribution of neuropeptide $\hat{1}^3$ and other tachykinin peptides derived from the substance P gene in the rat. <i>Regulatory Peptides</i> , 1990, 28, 323-333.                                     | 1.9 | 76        |
| 25 | Antagonists for the neurokinin NK-3 receptor evaluated in selective receptor systems. <i>Regulatory Peptides</i> , 1990, 31, 125-135.   | 1.9 | 58        |
| 26 | Selectivity and specificity of new, non-peptide, quinuclidine antagonists of substance P. <i>Biochemical and Biophysical Research Communications</i> , 1991, 176, 894-901.  | 1.0 | 50        |
| 27 | Distribution of neurokinin A-like and neurokinin B-like immunoreactivity in human peripheral tissues. <i>Regulatory Peptides</i> , 1991, 36, 165-171.   | 1.9 | 16        |
| 28 | Neurokinin receptors antagonists: Old and new. <i>Life Sciences</i> , 1991, 49, 1463-1469.  | 2.0 | 19        |
| 29 | Further evidence for the existence of NK <sub>2</sub> tachykinin receptor subtypes. <i>British Journal of Pharmacology</i> , 1991, 104, 91-96.  | 2.7 | 74        |
| 30 | Tachykinin receptor subtypes involved in the central effects of tachykinins on water and salt intake. <i>Brain Research Bulletin</i> , 1991, 26, 155-160.   | 1.4 | 36        |
| 31 | On the role of NK-2 tachykinin receptors in the mediation of spinal reflex excitability in the rat. <i>Neuroscience</i> , 1991, 44, 483-490.  | 1.1 | 86        |
| 32 | Involvement of NK1 receptors and importance of the N-terminal sequence of substance P in the stimulation of protein secretion in rat parotid glands. <i>European Journal of Pharmacology</i> , 1991, 209, 95-100. | 1.7 | 9         |
| 33 | Opioid and neurokinin activities of substance P fragments and their analogs. <i>European Journal of Pharmacology</i> , 1991, 193, 209-215.  | 1.7 | 19        |
| 34 | Actinomycin D is a competitive and selective antagonist at NK2 tachykinin receptors. <i>Neuropeptides</i> , 1991, 20, 109-114.  | 0.9 | 14        |
| 35 | Molecular and Genetic Characterization, Functional Expression, and mRNA Expression Patterns of a Rat Substance P Receptor. <i>Annals of the New York Academy of Sciences</i> , 1991, 632, 63-78.                  | 1.8 | 31        |
| 36 | The hypothalamic paraventricular nucleus is a site of action for the central effect of tachykinins on plasma vasopressin1. <i>Brain Research Bulletin</i> , 1991, 26, 149-154.                                    | 1.4 | 31        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | The role of peptides in the regulation of the micturition reflex: An update. <i>General Pharmacology</i> , 1991, 22, 1-24.   | 0.7 | 122       |
| 38 | Effect of CP-96,345, a nonpeptide substance P receptor antagonist, on salivation in rats.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 10042-10044.   | 3.3 | 42        |
| 39 | Bed nucleus of the stria terminalis: Site for the antinatriorexic action of tachykinins in the rat. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 40, 977-981.   | 1.3 | 26        |
| 40 | The tachykinin NH <sub>2</sub> -senktide inhibits alcohol intake in alcohol-preferring rats. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 38, 881-887.  | 1.3 | 22        |
| 41 | Omega conotoxin and prejunctional modulation of the biphasic response of the rat isolated urinary bladder to single pulse electrical field stimulation. <i>Autonomic and Autacoid Pharmacology</i> , 1991, 11, 295-304.  | 0.7 | 25        |
| 42 | Effects on the Isolated Human Bronchus of SR 48968, a Potent and Selective Nonpeptide Antagonist of the Neurokinin A (NK <sub>2</sub> ) Receptors. <i>The American Review of Respiratory Disease</i> , 1992, 146, 1177-1181.                                       | 2.9 | 104       |
| 43 | The non-peptide tachykinin antagonist, CP-96,345, is a potent inhibitor of neurogenic inflammation. <i>British Journal of Pharmacology</i> , 1992, 105, 527-530.   | 2.7 | 179       |
| 44 | FR 113680: a novel tripeptide substance P antagonist with NK <sup>1</sup> receptor selectivity. <i>British Journal of Pharmacology</i> , 1992, 106, 123-126.   | 2.7 | 31        |
| 45 | A pharmacological study of NK <sub>1</sub> and NK <sub>2</sub> tachykinin receptor characteristics in the rat isolated urinary bladder. <i>British Journal of Pharmacology</i> , 1992, 107, 777-784.   | 2.7 | 32        |
| 46 | Neurokinin A (NK <sub>2</sub> ) receptor revisited with SR 48968, a potent non-peptide antagonist. <i>Biochemical and Biophysical Research Communications</i> , 1992, 184, 1418-1424.  | 1.0 | 167       |
| 47 | Central Effects of Neuropeptide K on Water and Food Intake in the Rat. <i>Brain Research Bulletin</i> , 1992, 28, 299-303.   | 1.4 | 19        |
| 48 | The capsaicin test in mice for evaluating tachykinin antagonists in the spinal cord. <i>Neuropharmacology</i> , 1992, 31, 1279-1285.   | 2.0 | 218       |
| 49 | Inhibition of cell dehydration-induced drinking by tachykinins: Evaluation of possible renal effects accounting for the long-lasting inhibition. <i>Physiology and Behavior</i> , 1992, 52, 153-158.   | 1.0 | 1         |
| 50 | Central tachykinin injection potently suppresses the need-free salt intake of the female rat. <i>Brain Research</i> , 1992, 584, 77-82.  | 1.1 | 10        |
| 51 | The NK <sub>1</sub> receptor is involved in the neurokinin-induced shape change of rabbit platelets. <i>FEBS Letters</i> , 1992, 312, 200-202.   | 1.3 | 12        |
| 52 | SUBSTANCE P PROVOKES CUTANEOUS ERYTHEMA AND EDEMA THROUGH A HISTAMINE-INDEPENDENT PATHWAY. <i>International Journal of Dermatology</i> , 1992, 31, 206-209.  | 0.5 | 38        |
| 53 | Effect of CP-96,345, a non-peptide NK <sub>1</sub> receptor antagonist, against substance P-, bradykinin- and allergen-induced airway microvascular leakage and bronchoconstriction in the guinea pig. <i>European Journal of Pharmacology</i> , 1993, 231, 31-38. | 1.7 | 63        |
| 54 | A potent and long-acting NK-1 selective agonist. <i>Life Sciences</i> , 1993, 52, PL103-PL106.   | 2.0 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Plasma extravasation induced by neurokinins in conscious rats: receptor characterization with agonists and antagonists. <i>Canadian Journal of Physiology and Pharmacology</i> , 1993, 71, 217-221. | 0.7 | 32        |
| 56 | The differential roles of substance P and neurokinin A in spinal cord hyperexcitability and neurogenic inflammation. <i>Regulatory Peptides</i> , 1993, 46, 165-173.                                | 1.9 | 31        |
| 57 | The rabbit iris sphincter contains NK1 and NK3 but not NK2 receptors: a study with selective agonists and antagonists. <i>Regulatory Peptides</i> , 1993, 44, 269-275.                              | 1.9 | 15        |
| 58 | Hypotensive effect of intravenous injection of tachykinins in conscious, freely moving spontaneously hypertensive and Wistar Kyoto rats. <i>Peptides</i> , 1993, 14, 97-102.                        | 1.2 | 19        |
| 59 | NK1 and NK2 Receptors Mediate Tachykinin and Resiniferatoxin-induced Bronchospasm in Guinea Pigs. <i>The American Review of Respiratory Disease</i> , 1993, 148, 915-921.                           | 2.9 | 27        |
| 60 | Inhibition of isotonic sodium chloride intake in the rat by selective tachykinin agonists. <i>Pharmacology Biochemistry and Behavior</i> , 1994, 47, 609-615.                                       | 1.3 | 9         |
| 61 | In vivo effects of neurokinin B on rat urinary bladder motility: Involvement of tachykinin NK1 and NK2 receptors. <i>Neuropeptides</i> , 1994, 27, 53-62.   | 0.9 | 19        |
| 62 | Tachykinin NK3 receptor agonist blocks sodium deficiency-induced shift in taste reactivity. <i>Brain Research</i> , 1994, 665, 123-126.   | 1.1 | 15        |
| 63 | Selective agonists at NK3 tachykinin receptors inhibit alcohol intake in Sardinian alcohol-preferring rats. <i>Brain Research Bulletin</i> , 1994, 33, 71-77.                                       | 1.4 | 34        |
| 64 | Antagonism of substance P and related peptides by RP 67580 and CP-96,345, at tachykinin NK1 receptor sites, in the rat urinary bladder. <i>European Journal of Pharmacology</i> , 1994, 251, 9-14.  | 1.7 | 23        |
| 65 | Subcutaneous injections of the tachykinin senktide reduce alcohol intake in alcohol-preferring rats. <i>Peptides</i> , 1995, 16, 533-537.   | 1.2 | 21        |
| 66 | Tachykinin receptors in gastrointestinal motility. <i>Regulatory Peptides</i> , 1995, 57, 19-42.  | 1.9 | 51        |
| 67 | Role of tachykinin and bradykinin receptors and mast cells in gaseous formaldehyde-induced airway microvascular leakage in rats. <i>European Journal of Pharmacology</i> , 1996, 307, 291-298.      | 1.7 | 24        |
| 68 | Peripheral effects of three novel non-peptide tachykinin NK1 receptor antagonists in the anaesthetized rat. <i>European Journal of Pharmacology</i> , 1996, 318, 377-385.                           | 1.7 | 12        |
| 69 | Tachykinin NK2 receptors in the hamster urinary bladder: in vitro and in vivo characterization. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1998, 358, 293-300.                         | 1.4 | 19        |
| 70 | Lateral Ventricular Injections of the NK3 Agonist Senktide Affect Salt Taste-Elicited Responses. <i>Peptides</i> , 1998, 19, 319-324.   | 1.2 | 6         |
| 71 | Tachykinin Receptor Assays. <i>Current Protocols in Pharmacology</i> , 1998, 1, 4.10.1.   | 4.0 | 0         |
| 72 | Branin Tachykinins and the Regulation of Salt Intake. <i>Annals of the New York Academy of Sciences</i> , 1999, 897, 173-181.   | 1.8 | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Neurogenic plasma leakage in mouse airways. <i>British Journal of Pharmacology</i> , 1999, 126, 522-528.   | 2.7 | 49        |
| 74 | The tachykinin NK1 receptor in the brain: pharmacology and putative functions. <i>European Journal of Pharmacology</i> , 1999, 375, 51-60.   | 1.7 | 182       |
| 75 | Expression of Substance P Receptors in Normal and Psoriatic Skin. <i>Pathobiology</i> , 1999, 67, 51-54.   | 1.9 | 35        |
| 76 | Principles of tachykininergic co-transmission in the peripheral and enteric nervous system. <i>Regulatory Peptides</i> , 2000, 93, 53-64.  | 1.9 | 75        |
| 77 | Tachykinins as modulators of the micturition reflex in the central and peripheral nervous system. <i>Regulatory Peptides</i> , 2001, 101, 1-18.  | 1.9 | 91        |
| 78 | Urodynamic effects induced by intravesical capsaicin in rats and hamsters. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001, 91, 37-46.  | 1.4 | 13        |
| 79 | Substance P: a pioneer amongst neuropeptides. <i>Journal of Internal Medicine</i> , 2001, 249, 27-40.  | 2.7 | 294       |
| 80 | Pharmacological profile of the novel mammalian tachykinin, hemokinin 1. <i>British Journal of Pharmacology</i> , 2002, 135, 266-274.   | 2.7 | 98        |
| 81 | Intraventricular injections of tachykinin NK3 receptor agonist reduce the gain of the baroreflex in unrestrained rats. <i>Experimental Neurology</i> , 2005, 193, 118-124.   | 2.0 | 4         |
| 82 | Intraventricular injections of tachykinin NK3 receptor agonists suppress the intake of $\text{Na}^+$ tastes by sodium deficient rats. <i>Behavioural Brain Research</i> , 2006, 166, 1-8.                            | 1.2 | 8         |
| 83 | Inhibitory roles of peripheral nitrenergic mechanisms in capsaicin-induced detrusor overactivity in the rat. <i>BJU International</i> , 2007, 100, 912-918.  | 1.3 | 23        |
| 84 | Myoelectric pattern and effects on small bowel transit induced by the tachykinins neurokinin A, neurokinin B, substance P and neuropeptide K in the rat. <i>Neurogastroenterology and Motility</i> , 1993, 5, 33-40. | 1.6 | 19        |
| 85 | Identification of mechanisms for duodenal contraction induced by tachykinins in the rat. <i>Neurogastroenterology and Motility</i> , 1993, 5, 97-106.  | 1.6 | 11        |
| 86 | Alterations of Neurotransmitter Receptors in Schizophrenia: Evidence from Postmortem Studies. , 2009, , 443-492.   |     | 1         |
| 87 | Neurogenic airway microvascular leakage induced by toluene inhalation in rats. <i>European Journal of Pharmacology</i> , 2012, 685, 180-185.   | 1.7 | 3         |
| 88 | Neurologic Regulation and Orthodontic Tooth Movement. <i>Frontiers of Oral Biology</i> , 2016, 18, 64-74.  | 1.5 | 7         |
| 89 | The Neuroendocrinology, Neurochemistry and Molecular Biology of Thirst and Salt Appetite. , 2007, , 641-687.   |     | 19        |
| 90 | Pharmacological Characterization of Receptor Types. , 1994, , 367-393.   |     | 4         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 91 | Receptors for Neurokinins in Peripheral Organs. , 1987, , 99-107.  |     | 37        |
| 92 | Neuropeptides (Neurokinins, Bombesin, Neurotensin, Cholecystokinins, Opioids) and Smooth Muscle. Handbook of Experimental Pharmacology, 1994, , 243-300. | 0.9 | 1         |
| 93 | Vasoactive Peptides and Their Receptors. Methods in Neurosciences, 1993, , 43-86.  | 0.5 | 3         |
| 94 | Organization, structure, and expression of the gene encoding the rat substance P receptor. Journal of Biological Chemistry, 1991, 266, 4366-4374.        | 1.6 | 114       |
| 95 | Receptor Assays for Neurokinins, Tachykinins, and Bombesins. Methods in Neurosciences, 1991, , 331-354.  | 0.5 | 1         |