1992
Excitable membranes, lipid messengers, and immediate-early genes. Alteration of signal transduction in neuromodulation and neurotrauma. Doucet J.P., **Bazan N.G**. *Mol Neurobiol.* 1992 Winter; 6(4):407-24. Review. PMID:1337456 [PubMed - indexed for MEDLINE].
Enhancement of hippocampal excitatory synaptic transmission by platelet-activating factor. Clark G.D., Happel L.T., Zorumski C.F., **Bazan N.G.** *Neuron*, December 1992, 9(6):1211-1216.
Light stimulates in vivo inositol lipid turnover in frog retinal pigment epithelial cells at the onset of shedding and phagocytosis of photoreceptor membranes. Rodriguez De Turco E.B., Gordon W.C., **Bazan N.G.** *Experimental Eye Research*, November 1992, 55(5):719-725.
Generation of arachidonic acid and diacylglycerol second messengers from polyphosphoinositides in ischemic fetal brain. Kunievsky B., **Bazan N.G.**, Yavin E. *J Neurochem.* 1992 Nov; 59(5):1812-9. PMID:1328530 [PubMed - indexed for MEDLINE].
Growth-associated protein GAP-43 and nerve cell adhesion molecule in sensory nerves of cornea. Martin R.E., **Bazan N.G.** *Experimental Eye Research*, August 1992, 55(2):307-314.
Second messengers derived from excitable membranes are involved in ischemic and seizure-related brain damage. **Bazan N.G**. *Patol Fiziol Eksp Ter.* 1992 Jul-Aug; (4):11-6. Review. PMID:1303497 [PubMed - indexed for MEDLINE].
Enhanced expression of the growth-regulated calcyclin gene during corneal wound healing. Bazan H.E., Allan G., **Bazan N.G**. *Exp Eye Res.* 1992 Jul; 55(1):173-7. No abstract available. PMID:1397124 [PubMed - indexed for MEDLINE].
Changing fatty acid content of growth cone lipids prior to synaptogenesis. Martin R.E., **Bazan N.G**. *J Neurochem.* 1992 Jul; 59(1):318-25. PMID:1613507 [PubMed - indexed for MEDLINE].
Enhanced expression of the growth-regulated calcyclin gene during corneal wound healing Bazan H.E.P., Allan G., **Bazan N.G.** *Experimental Eye Research*, July 1992, 55(1):173-177.
Retinal pigment epithelial cells play a central role in the conservation of docosahexaenoic acid by photoreceptor cells after shedding and phagocytosis. Gordon W.C., Rodriguez de Turco E.B., **Bazan N.G.** *Curr Eye Res.* 1992 Jan; 11(1):73-83. PMID:1532774 [PubMed - indexed for MEDLINE].
Regulation of arachidonic acid metabolism in the perinatal brain during development and under ischemic stress. Yavin E, Kunievsky B, **Bazan N.G.**, Harel S. *Adv Exp Med Biol.* 1992; 318:315-23. Review. PMID:1636500 [PubMed - indexed for MEDLINE].
Immunohistological study of subretinal membranes in age-related macular degeneration. Baudouin C., Peyman G.A., Fredj-Reygrobellet D., Gordon W.C., Lapalus P., Gastaud P., **Bazan N.G**. *Jpn J Ophthalmol.* 1992; 36(4):443-51. PMID:1289621 [PubMed - indexed for MEDLINE].
Docosahexaenoic acid uptake and metabolism in photoreceptors: retinal conservation by an efficient retinal

pigment epithelial cell-mediated recycling process. **Bazan N.G.**, Gordon W.C., Rodriguez de Turco E.B. *Adv Exp Med Biol.* 1992; 318:295-306. Review. PMID:1386177 [PubMed - indexed for MEDLINE].
Rihn L.L., Visioli F., Rodriguez de Turco E.B., Kreisman N.R., **Bazan N.G.** *Free fatty acid and diacylglycerol levels are related to cerebral O_2 during seizures.* In: **Role of Neurotransmitters in Brain Injury**; Dietrich W.D., Globus M.Y.-T. (Eds.), Plenum Press, New York 1992 (book).
Clark G.D., Happel L.T., Zorumski C.F., **Bazan N.G.** *A novel presynaptic receptor that modulates the release of excitotoxic neurotransmitters.* In: **Pharmacology in Cerebral Ischemia**; Krieglstein J., Oberpichler-Schwenk H. (Eds.), Wissenschaftliche Verlagsgesellschaft mbH, Stuttgart, pp. 65-71, 1992 (book).
Bazan N.G., Cluzel J.M. *Membrane-derived lipid second messengers as targets for neuroprotection: Platelet-activating factor.* In: **Emerging Strategies in Neuroprotection, Advances in Neuroprotection**; Marangos P.J., Lal H. (Eds.), Birkhäuser, Boston, pp. 238-251, 1992 (book).
Bazan N.G. *Supply, uptake and utilization of docosahexaenoic acid during photoreceptor cell differentiation.* In: **Polyunsaturated Fatty Acids in Human Nutrition**; Deckelbaum B.U., (Eds.), Nestlé Nutrition Workshop Series, Vol. 28; Nestec Ltd., Vevey/Raven Press Ltd., New York, pp. 121-133, 1992 (book).
Bazan N.G., Rodriguez de Turco E.B. *Accumulation of lipid-derived second messengers during seizures and ischemia: Decreased seizure-induced phospholipase C activation in the hippocampus by EGb 761.* In: **Effects of Ginkgo biloba Extract (EGb 761) on the Central Nervous System**; Christen Y., Costentin J., Lacour M., (Eds.), Elsevier, Paris, pp. 159-169, 1992 (book).
Bazan N.G., Gordon W.C., Rodriguez de Turco E.B. *Docosahexaenoic acid uptake and metabolism in photoreceptors: Retinal conservation by an efficient retinal pigment epithelial cell-mediated recycling process.* In: **Neurobiology of Essential Fatty Acids, Vol. 318**; **Bazan N.G.**, Murphy M., Toffano G. (Eds.), Plenum Press, New York pp. 295-306, 1992 (book).
Bazan N.G., Murphy M., Toffano G., Editors: Neurobiology of Essential Fatty Acids. Vol.318, 444 pp., Plenum Press, New York, 1992 (book).
Bazan N.G. *Modulators of neural cell signaling and triggering of gene expression following cerebral ischemia.* In: **Neurochemical Correlates of Cerebral Ischemia. Vol 7 Advances in Neurochemistry**; **Bazan N.G.**, Braquet P., Ginsberg M.D. (Eds.). Plenum Press, New York, pp. 321-333, 1992 (book).
Ginsberg M.D., Braquet P., **Bazan N.G.** *Introduction: Current biochemical and molecular approaches to the study of cerebral ischemia.* In: **Neurochemical Correlates of Cerebral Ischemia. Vol 7 Advances in Neurochemistry**; **Bazan N.G.**, Braquet P., Ginsberg M.D. (Eds.). Plenum Press, New York, pp. 1-8, 1992 (book).
Bazan N.G., Braquet P., Ginsberg M.D., Editors: *Neurochemical Correlates of Cerebral Ischemia.* In: **Vol 7 Advances in Neurochemistry**; Plenum Press, New York, 1992 (book).
1991

Platelet-activating factor and polyunsaturated fatty acids in cerebral ischemia or convulsions: intracellular PAF-binding sites and activation of a fos/jun/AP-1 transcriptional signaling system. **Bazan N.G.**, Squinto S.P., Braquet P., Panetta T., Marcheselli V.L. *Lipids.* Dec. 1991; 26(12):1236-42. Review. PMID:1668121 [PubMed - indexed for MEDLINE].
Platelet activating factor antagonists interact with GABAA receptors. Miller L.G., **Bazan N.G.**, Roy R.B., Clostre F., Gaver A., Braquet P. *Res Commun Chem Pathol Pharmacol.* Nov. 1991; 74(2):253-6. PMID:1667341 [PubMed - indexed for MEDLINE].
Rapid and selective uptake, metabolism, and cellular distribution of docosahexaenoic acid among rod and cone photoreceptor cells in the frog retina. Rodriguez de Turco E.B., Gordon W.C., **Bazan N.G**. *J Neurosci.* Nov. 1991; 11(11):3667-78. PMID:1834810 [PubMed - indexed for MEDLINE].
Histamine H1 receptor occupancy triggers inositol phosphates and intracellular calcium mobilization in human non-pigmented ciliary epithelial cells. Crook R.B., **Bazan N.G.**, Polansky J.R. *Curr Eye Res.* Jul. 1991; 10(7):593-600. PMID:1680603 [PubMed - indexed for MEDLINE].
Determination of platelet-activating factor and alkyl-ether phospholipids by gas chromatography-mass spectrometry via direct derivatization. Balazy M., Braquet P., **Bazan N.G.** *Analytical Biochemistry*, July 1991, 196(1):1-10.
The epithelium, endothelium, and stroma of the rabbit cornea generate (12S)-hydroxyeicosatetraenoic acid as the main lipoxygenase metabolite in response to injury. Hurst J.S., Balazy M., Bazan H.E., **Bazan N.G**. *J Biol Chem.* Apr 15, 1991; 266(11):6726-30. PMID:1901855 [PubMed - indexed for MEDLINE].
Recovery of postischemic brain metabolism and function following treatment with a free radical scavenger and platelet-activating factor antagonists. Gilboe D.D., Kintner D., Fitzpatrick J.H., Emoto S.E., Esanu A., Braquet P.G., **Bazan N.G**. *J Neurochem.* Jan. 1991; 56(1):311-9. PMID:1987322 [PubMed - indexed for MEDLINE].
Prolonged effect of a new platelet-activating factor antagonist on ocular vascular permeability in an endotoxin model of uveitis. Lin N., Bazan H.E., Braquet P., **Bazan N.G**. *Curr Eye Res.* Jan. 1991; 10(1):19-24. PMID:1709399 [PubMed - indexed for MEDLINE].
A novel method for the analysis of PAF and alkyl-ether phospholipids by mass spectrometry. Balazy M., Cluzel J., **Bazan N.G**. *Adv Prostaglandin Thromboxane Leukot Res.* 1991; 21A:323-6. No abstract available. PMID:1825562 [PubMed - indexed for MEDLINE].
GABAA receptor mRNAs are increased after electroconvulsive shock. Kang I., Miller L.G., Moises J., **Bazan N.G**. *Psychopharmacol Bull.* 1991; 27(3):359-63. PMID:1663634 [PubMed - indexed for MEDLINE].
Balazy M., Cluzel J., **Bazan N.G.** *A novel method for the analysis of PAF and alkyl-ether phospholipids by mass spectrometry.* In: **Adv in Prostaglandin, Thromboxane, and Leukot Res, Vol 21**; Samuelsson B. *et al.* (Eds.), Raven Press, ltd., New York, pp. 323-326, 1991 (book).

Bazan N.G. *New insights in retinal degenerative diseases: The role of polyunsaturated fatty acids in visual cell function.* In: **New Frontiers in Ophthalmology, Excerpta Medica, International Congress Series 920**; Khoo C.Y., Ang B.C., Cheah W.W., Chew P.T.K., Lim A.S.M. (Eds.), Elsevier Science Publishers B.V., The Netherlands, pp. 602-604, 1991 (book).
Bazan N.G., Rodriguez de Turco E.B., Gordon W.C. *Docosahexaenoic acid and phospholipid metabolism in photoreceptor cells and in retinal degeneration.* In: **Retinal Degenerations, Chapter 14**; Anderson R.E., Hollyfield J.G., LaVail M.M. (Eds.), CRC Press, Boca Raton, Florida, pp. 151-165, 1991 (book).
Etude immunohistologique des membranes néovasculaires sous-rétiniennes au cours des dégénérescences maculaires liées à l'âge. Baudouin C., Fredj-Reygrobellet D., Peyman G.A., Lapalus P., Gordon B., **Bazan N.G.**, Gastaud P. *Ophtalmologie* 1991; 5:61-64.