1998
Effects of post-training intra-hippocampal injections of platelet-activating factor and PAF antagonists on memory. Teather L.A., Packard M.G., **Bazan N.G**. *Neurobiol Learn Mem.* 1998 Nov; 70(3):349-63. PMID: 9774526 [PubMed - indexed for MEDLINE].
Selective changes in protein kinase C (PKC) isoform expression in rabbit corneal epithelium during wound healing. Inhibition of corneal epithelial repair by PKCalpha antisense. Chandrasekher G., **Bazan N.G.**, Bazan H.E. *Exp Eye Res.* 1998 Nov; 67(5):603-10. PMID: 9878223 [PubMed - indexed for MEDLINE].
Lukiw W.J., **Bazan N.G.** *Aluminum and gene transcription in alzheimer's disease and related neurodegenerative disorders*. In: **Proceedings of the Vth Conference of the International Society for Trace Element Research in Humans (ISTERH)**; Lyon, France, September 26-October 1, 1998, Smith-Gordon Company, Limited London, (book).
Simultaneous analysis of multiple gene expression patterns as a function of development, injury or senescence. Cook J.L., Marcheselli V., Alam J., Deininger P.L., **Bazan N.G**. *Brain Res Brain Res Protoc.* 1998 Sep; 3(1):1-6. PMID:9767074 [PubMed - indexed for MEDLINE].
Recombinant plasma-type platelet-activating factor acetylhydrolase attenuates NMDA-induced hippocampal neuronal apoptosis. Ogden F., DeCoster M.A., **Bazan N.G**. *J Neurosci Res.* 1998 Sep 15; 53(6):677-84. PMID:9753196 [PubMed - indexed for MEDLINE].
Dominant expression of rat prostanoid DP receptor mRNA in leptomeninges, inner segments of photoreceptor cells, iris epithelium, and ciliary processes. Gerashchenko D., Beuckmann C.T., Kanaoka Y., Eguchi N., Gordon W.C., Urade Y., **Bazan N.G.**, Hayaishi O. *J Neurochem.* 1998 Sep; 71(3):937-45. PMID:9721719 [PubMed - indexed for MEDLINE].
Strong nuclear factor-kappaB-DNA binding parallels cyclooxygenase-2 gene transcription in aging and in sporadic Alzheimer's disease superior temporal lobe neocortex. Lukiw W.J., **Bazan N.G**. *J Neurosci Res*. 1998 Sep 1; 53(5):583-92. PMID:9726429 [PubMed - indexed for MEDLINE].
Platelet-activating factor is a downstream messenger of kainate-induced activation of mitogen-activated protein kinases in primary hippocampal neurons. DeCoster M.A., Mukherjee P.K., Davis R.J., **Bazan N.G**. *J Neurosci Res.* 1998 Aug 1; 53(3):297-303. PMID:9698157 [PubMed - indexed for MEDLINE].
Run-on gene transcription in human neocortical nuclei. Inhibition by nanomolar aluminum and implications for neurodegenerative disease. Lukiw W.J., LeBlanc H.J., Carver L.A., McLachlan D.R., **Bazan N.G**. *J Mol Neurosci.* 1998 Aug; 11(1):67-78. PMID:9826787 [PubMed - indexed for MEDLINE].
KID-1, a protein kinase induced by depolarization in brain. Feldman J.D., Vician L., Crispino M., Tocco G., Marcheselli V.L., **Bazan N.G.**, Baudry M., Herschman H.R. *J Biol Chem.* 1998 Jun 26; 273(26):16535-43. PMID:9632723 [PubMed - indexed for MEDLINE].
Budesonide epimer R or dexamethasone selectively inhibit platelet-activating factor-induced or interleukin 1beta-induced DNA binding activity of cis-acting transcription factors and cyclooxygenase-

2 gene expression in human epidermal keratinocytes. Lukiw W.J., Pelaez R.P., Martinez J., **Bazan N.G**. *Proc Natl Acad Sci U S A.* 1998 Mar 31; 95(7):3914-9. PMID:9520467 [PubMed - indexed for MEDLINE].
Temporal changes in gene expression following cryogenic rat brain injury. Cook J.L., Marcheselli V., Alam J., Deininger P.L., **Bazan N.G**. *Brain Res Mol Brain Res.* 1998 Mar 30; 55(1):9-19. PMID:9645955 [PubMed - indexed for MEDLINE].
Localization of lipocalin-type prostaglandin D synthase (beta-trace) in iris, ciliary body, and eye fluids. Gerashchenko D.Y., Beuckmann C.T., Marcheselli V.L., Gordon W.C., Kanaoka Y., Eguchi N., Urade Y., Hayaishi O., **Bazan N.G**. *Invest Ophthalmol Vis Sci.* 1998 Jan; 39(1):198-203. PMID:9430563 [PubMed - indexed for MEDLINE].
Bioactive lipids and gene expression in neuronal plasticity. **Bazan N.G.** *Adv Exp Med Biol*. 1998 446:37-49. Review. No abstract available. PMID:10079836 [PubMed - indexed for MEDLINE].
Bazan N.G., Black B. *Synaptic signaling dysfunction in status epilepticus: Injury messenger gene expression.* In: **Advances in Neurology: Status Epilepticus**; Delgado-Escueta A.V., Wasterlain C.G., Treiman D.M., Porter R.J. (Eds.), Lippincott-Raven Publishers, New York, 1998 (book).
The neuromessenger platelet-activating factor in plasticity and neurodegeneration. **Bazan N.G**. *Prog Brain Res.* 1998; 118:281-91. Review. PMID: 9932449 [PubMed - indexed for MEDLINE].
Bazan N.G. and Allan G. *Platelet-activating factor and other bioactive lipids.* In: **Cerebrovascular Disease, Pathophysiology, Diagnosis and Management**; Ginsberg M.D., Bogousslavsky J. (Eds). Chapter 37, Blackwell Science Publishers, Malden, Massachusetts, pp. 532-555, 1998.
Chapter 20 The neuromessenger platelet-activating factor in plasticity and neurodegeneration. **Bazan N.G.** *Progress in Brain Research*, 1998, 118:281-291.
1997
Cyclooxygenase 2 RNA message abundance, stability, and hypervariability in sporadic Alzheimer neocortex. Lukiw W.J., **Bazan N.G**. *J Neurosci Res.* 1997 Dec 15; 50(6):937-45. PMID:9452008 [PubMed - indexed for MEDLINE].
Platelet-activating factor induces cyclooxygenase-2 gene expression in corneal epithelium. Requirement of calcium in the signal transduction pathway. Bazan H.E., Tao Y., DeCoster M.A., **Bazan N.G**. *Invest Ophthalmol Vis Sci.* 1997 Nov; 38(12):2492-501. PMID:9375567 [PubMed - indexed for MEDLINE].
Experimental models and their use in studies of diabetic retinal microangiopathy. **Bazan N.G.**, Gordon W.C., Marcheselli V.L., Lukiw W.J., Duhault J., Koenig-Berard E., Linn D.M., DeCoster M.A., Mukherjee P.K. *Therapie*. 1997 Sep-Oct; 52(5):447-51. PMID:9501573 [PubMed - indexed for MEDLINE].
Lloyd A. Horrocks: a great neurochemist of our time. **Bazan N.G**. *Neurochem Res.* 1997 Oct; 22(10):1175-7. No abstract available. PMID:9342719 [PubMed - indexed for MEDLINE].
Delayed phospholipid degradation in rat brain after traumatic brain injury. Homayoun P., Rodriguez

de Turco E.B., Parkins N.E., Lane D.C., Soblosky J., Carey M.E., **Bazan N.G**. *J Neurochem.* 1997 Jul; 69(1):199-205. PMID:9202311 [PubMed - indexed for MEDLINE].
Post-Golgi vesicles cotransport docosahexaenoyl-phospholipids and rhodopsin during frog photoreceptor membrane biogenesis. Rodriguez de Turco E.B., Deretic D., Papermaster D.S., **Bazan N.G.** *J Biol Chem.* 1997 Apr 18; 272:10491-10497.
Bioactive lipids in excitatory neurotransmission and neuronal plasticity. **Bazan N.G.**, Packard M.G., Teather L., Allan G. *Neurochem Int* February 1997, 30(2):225–231.
Signal transduction and gene expression in the eye: a contemporary view of the pro-inflammatory, anti-inflammatory and modulatory roles of prostaglandins and other bioactive lipids. **Bazan N.G.**, Allan G. *Surv Ophthalmol*. 1997 Feb; 41(Suppl 2):S23-34. Review. PMID:9154273 [PubMed - indexed for MEDLINE].
Bioactive lipids in excitatory neurotransmission and neuronal plasticity. **Bazan N.G.**, Packard M.G., Teather L., Allan G.*Neurochem Int.* 1997 Feb; 30(2):225-31. Review. PMID:9017670 [PubMed - indexed for MEDLINE]
53 - Lipid Messengers and Prostaglandin Endoperoxide Synthase-2 in Neuronal Cell Death **Bazan N.G.** *Primer on Cerebrovascular Diseases*, 1997, Pages 193-195.
Bazan N.G., Allan G. *The site of action of bioactive lipids as a target for neuroprotection*. In: **Neuroprotection in CNS Diseases**; PR Bär, MF Beal (Eds.), Marcel Dekker, Inc., New York, pp. 205-224, 1997 (book).
Bazan N.G., Marcheselli V.L., Mukherjee P.K., Lukiw W.J., Gordon W.C., Zhang D. *COX-2 in brain and retina: Role in neuronal survival.* In: **Selective COX-2 Inhibitors, Pharmacology, Clinical Effects and Therapeutic Potential**; Vane J., Botting J. (Eds.), Chapter 4, Kluwer Academic Publishers and William Harvey Press, London, UK, pp. 47-53, 1997 (book).
Gordon W.C., **Bazan N.G.** *Retina*. In: **Biochemistry of the Eye. Chapter 6**; Harding J.J. (Ed.). Chapman and Hall, London. pp. 144-246, 1997 (book).
Bazan N.G. *Synaptic messengers, inflammatory mediators, and neuronal plasticity in cerebral ischemia.* In: **Maturation Phenomenon in Cerebral Ischemia II, Neuronal Recovery and Plasticity**; Ito U., Kirino T., Kuroiwa T., Klatzo I. (Eds.), Springer-Verlag Berlin Heidelberg; pp. 19-25, 1997 (book).
Bazan N.G. *Lipid messengers and prostaglandin endoperoxide synthase-2 in neuronal cell death.* In: **Primer Cerebrovascular Diseases**; Welsh M., Chaplan L., Reis D., Siesjö B., Weir B. (Eds.), Academic Press, pp. 1322-1326, 1997 (book).
Bazán N.G., Rodríguez de Turco E.B. *Biología molecular en neurología: Mensajeros, expresíon de genes y apoptosis.* In: **XX *Jornadas Cararias de Alergia e Immunologia Clinica***; pp. 333-339, 1997.
Bazán N.G., Martínez J., Rodríguez de Turco E.B., Palacios R. *Biología molecular en la alergia y en la respuesta inflamatoria.* In: **XX *Jornadas Cararias de Alergia e Immunologia Clinica***; pp. 315-325,

1997.
Bazan N.G. and Mallet J. Editors: **Molecular Neurobiology**; Humana Press, New Jersey 1997 (book).