

Neurobiology Publications – 2004 and 2003

2004

Refereed Journal Articles

Bensoussan A, Myers SP, Wu SM, O'Connor K. Naturopathic and Western herbal medicine practice in Australia-a workforce survey. *Complement Ther Med* 2004; 12 (1):17-27 [PMID 15130568]

Brooks LO, Rolfe MI, Cheras PA, Myers SP. The comprehensive osteoarthritis test: a simple index for measurement of treatment effects in clinical trials. *J Rheumatol* 2004; 31 (6):1180-6 [PMID 15170933]

Myers SP, Cheras PA. The other side of the coin: safety of complementary and alternative medicine. *Med J Aust* 2004; 181 (4):222-5 [PMID 15310261]

Xiao J., Neylon B., Nicholson G.A., Furness J.B. (2004) Evidence that a major site of expression of the RHO-GTPASE activating protein, oligophrenin-1, is peripheral myelin. *Neuroscience* 124:781-787.

Dedov V.N., Dedova, I. V., Merrill Jr. A.H., Nicholson, G.A. (2004) Activity of partially inhibited serine palmitoyltransferase is sufficient for normal sphingolipid metabolism and viability of HSN1 patient cells. *Biochimica et Biophysica Acta* 1688:168-175.

Dedov V.M., Dedova I.V., Nicholson, G.A. (2004) Equilibrium between cell division and apoptosis in immortal cells as an alternative to the G1 restriction mechanism in mammalian cells. *Cell Cycle* 3:491-5.

Geraldes R., de Carvalho M., Santos-Bento M, Nicholson G. (2004) Hereditary sensory neuropathy type 1 in a Portuguese family-electrodiagnostic and autonomic nervous system studies. *J Neurol Sci* 227:35-8.

Chen Y.Z., Bennett C.L., Huynh H.M., Blair I.P., Irobi J., Dierick I., Abel A., Kennerson, M.L., Rabin B.A., Nicholson G.A. et al. (2004) DNA/RNA helicase gene mutations in a form of juvenile amyotrophic lateral sclerosis (ALS4). *Am J Hum Genet.* 74:1128-35.

Kok C., Kennerson M.S., Myers S.J., Nicholson G.A. (2004) Transcript map of the candidate region for HSN1 with cough and gastroesophageal reflux on chromosome 3p and exclusion of candidate genes. *Neurogenetics* 5:197-200.

Kwok J.B., Teber E.T., Loy C, Hallupp M, Nicholson G, Mellick GD, Buchanan DD, Silburn PA, Schofield PR. et al (2004) Tau haplotypes regulate transcription and are associated with Parkinson's disease. *Ann Neurol* 55:329-34.

Dedov V.N., Dedova I.V., Nicholson G.A. (2004) Hypoxia causes aggregation of serine palmitoyltransferase followed by non-apoptotic death of human lymphocytes. *Cell Cycle* 3(10).

Nicholson GM, Little MJ, Birinyi-Strachan LC. Structure and function of delta-atracotoxins: lethal neurotoxins targeting the voltage-gated sodium channel. *Toxicon* 2004; 43 (5):587-99 [PMID 15066415]

Tran Y, Craig A, Bartrop R, Nicholson G. Time course and regional distribution of cortical changes during acute alcohol ingestion. *Int J Neurosci* 2004; 114 (7):863-78 [PMID 15204051]

2003

Refereed Journal Articles

Dedov V.N., Dedova IV and Nicholson G.A. (2003) Inhibition of topoisomerase overrides the G2/M check points of the cell cycle in EBV-lymphocytes. *Apoptosis.* 8:399-406.

Vucic S, Kennerson M, Zhu D, Medema E, Kok C, Nicholson G.A. (2003) CMT with pyramidal features. *Neurology.* 60: 696-9.

Auer-Grumbach M., De Jonghe P., Timmerman V., Wagner K., Hartung H.P., and Nicholson G.A. (2003)

Autosomal dominant inherited neuropathies with prominent sensory loss and mutations: A review. Archives of Neurology. 60:329-34.

Kok C, Kennerson ML, Spring PJ, Ing AJ, Pollard JD, Nicholson, G.A. (2003). A Locus for Hereditary Sensory Neuropathy with Cough and Gastroesophageal Reflux on Chromosome 3p22-p24. Am J Hum Genet.

Zhu D, Kennerson M, Merory J, Chrast R, Verheijen M, Lemke G, Nicholson G.A. (2003) Refined localization of dominant intermediate Charcot-Marie-Tooth neuropathy and exclusion of seven known candidate genes in the region. Neurogenetics. 4:179-183.

Knight MA, Kennerson ML, Anney RJ, Matsuura T, Nicholson G.A., Salimi-Tari P, McKinlay Gardner RJ, Storey E and Forrest SM (2003) Spinocerebellar ataxia type 15 (SCA15) maps to 3p24.2-3pter: exclusion of the ITPR1 gene, the human orthologue of an ataxic mouse mutant. Neurobiology of Disease 13:147-157.

Lorentzos P, Kaiser T, Kennerson ML and Nicholson G.A. (2003). A rapid definitive test for Charcot-Marie-Tooth 1A and hereditary neuropathy with liability to pressure palsies using multiplexed real-time PCR. Genet. Test 7:135-138.

Hunter M, Bernard R, Freitas E, Boyer A, et al. (2003). Mutation screening of the N-myc downstream regulated gene 1 (NDRG1) in patients with Charcot-Marie-Tooth disease. Human Mutation 22:129-135.

Wilmhurst J.M., Pollard J.D., Nicholson G.A., Antony J., Ouvrier R. (2003). Peripheral neuropathies of infancy. Dev Med Child Neurol 45:408-14.

Editorials and Reviews

Auer-Grumbach M, De Jonghe P, Verhoeven K, Timmerman V, Wagner K, Hartung HP, Nicholson GA. Autosomal dominant inherited neuropathies with prominent sensory loss and mutilations: a review. Archives of Neurology 2003; 60 (3):329-34 [[PMID 12633143](#)]