

MASTER LIST OF ALL NRP PUBLICATIONS

1999

1. Scientific Review paper: Kakulas, B. The applied neuropathology of human spinal cord injury. *Spinal Cord*, 1999, v37, 79-88.
2. Stirling, R.V., Dunlop, S.A. & Beazley, L.D. Electrophysiological evidence for transient topographic organisation of retinotectal projections during optic nerve regeneration in the lizard *Ctenophorus ornatus*. *Vis. Neurosci.*, 1999, 16, 682-693.
3. Dunlop, S.A., Tran, N., Papadimitriou, J. and Beazley, L.D. Time course and organisation of visual pathways during optic nerve regeneration in the lizard *Ctenophorus ornatus*. *J.Comp. Neurol.*, 2000, 416, 188-2000.
4. BA Kakulas, RL Lorimer, BK Tizard (1999) Schwann cell remyelination in human spinal cord injury. *Neuropathology and Applied Neurobiology* 25 (S1):29
5. BA Kakulas (1999). A review of the neuropathology of human spinal cord injury with emphasis on special features. *Journal of Spinal Cord Medicine*, 22(2): 119-124
6. Beazley, L.D and S.A. Dunlop (1999). Evolutionary hierarchy of optic nerve regeneration: implications for cell survival, axon outgrowth and map making. In: *Degeneration and Regeneration of the Nervous System*. Eds N.R. Saunders & K.M. Dziegielewska. Harwood Academic Publishers, pp 119-152.

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7. J. Rodger, C. Bartlett, L.D. Beazley and S.A. Dunlop (2000). Transient up-regulation of the rostro-caudal gradient of ephrin A2 in the tectum coincides with reestablishment of orderly projections during optic nerve regeneration in goldfish. *Exp. Neurol.* 106: 196-200.
8. Woerly, S., Petrov, T., Sykova, E., Roitbak, T., Simonova, Z., and Harvey, A.R., (1999) Neural tissue formation within porous PHPMA hydrogels implanted in brain and spinal cord lesions: ultrastructural, immunohistochemical and diffusion studies. *Tissue Engineering*, 5: 467-488.
9. Plant, G.W., and Harvey, A.R. (2000) A new type of biocompatible bridging structure supports axon re-growth after implantation into the lesioned rat optic tract. *Cell Transplantation*, 9: 759-772.
10. Cui, Q. and Harvey, A.R. (2000) Preferential regeneration of axons of large retinal ganglion cells into peripheral nerve grafts in adult mice, and enhancement of regrowth by ciliary neurotrophic factor. *5th International Neurotrauma Symposium*, Garmisch-Partenkirchen. *Restor. Neurol. Neurosci.*, 16: 150.
11. Beazley, L.D. (2000) Optic nerve regeneration in the CNS of amphibians and reptiles. In: *Axonal regeneration in the central nervous system*. Ed. N. Ingoglia and M. Murray, Marcell Dekker Press, pp 67-105.
12. Cui, Q. and Harvey, A.R. (2000) NT-4/5 reduces cell death in inner nuclear as well as ganglion cell layers in neonatal rat retina. *NeuroReport*, 11: 3921-3924.
13. Cui, Q. and Harvey, A.R. (2000) CNTF promotes the regrowth of retinal ganglion cell axons into murine peripheral nerve grafts. *NeuroReport*, 11: 3999-4002.
14. Dunlop, S.A., Tee, L.B.G., and L.D. Beazley (2000). Topographic order of retinofugal axons in a marsupial: implications for map formation in visual nuclei. *J. Comp. Neurol.* 438: 33-44 (Cover Illustration).

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15. Plant, G.W., Bunt, S.M. and Harvey, A.R. (2001) Bioengineering and repair of the damaged central nervous system. *Today's Life Sciences*, 13: 46-50.

16. Ziman, M.R., Rodger, J., Chen, P., Papadimitriou, J.M., Dunlop, S.A. and Beazley, L.D. (2001) Pax genes in the developing vertebrate visual system: Implications for optic nerve regeneration. *Histol. Histopathol.*, 16, 239-249.
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18. R.S. Beaver, S.A. Dunlop, A.M. Harman, R.V. Stirling, S.S. Easter, J.D. Roberts and L.D. Beazley. (2001) Continued neurogenesis is not a prerequisite for regeneration of a topographic retino-tectal projection. *Vis. Res.* 41: 1765-1770.
19. Symonds, A.C.E., Rodger, J., Tan, M.M.L., Dunlop, S.A., Beazley, L.D. and Harvey, A.R. (2001) Reinnervation of the superior colliculus delays down-regulation of ephrin-A2 in neonatal rat. *Exp. Neurol* 170: 364-370.
20. Plant, GW, Bates, M, Bunge, MB (2001) Inhibitory proteoglycan immunoreactivity is higher at the caudal than rostral Schwann cell graft-transected spinal cord. *Mol. Cell Neurosci.* 17: 471-487.
21. Yan H, Bunge MB, Wood PM, Plant GW (2001) Mitogenic response of adult rat olfactory ensheathing glia to four growth factors. *Glia.* 33: 334-342.
22. Harvey, A.R., Heavens, R.P., Yellachich, L-A., and Sirinathsinghji, D.J.S. (2001) Expression of mRNAs for glutamic acid decarboxylase, preprotachykinin, cholecystokinin, somatostatin, proenkephalin and neuropeptide Y in the adult rat superior colliculus. *Neuroscience*, 103: 443-455.
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28. Spalding, K.L., Tan, M.M.L., Hendry, I.A. and Harvey, A.R. (2001) Anterograde transport and trophic actions of BDNF and NT-4/5 in the developing rat visual system. *Mol. Cell Neurosci.* 19: 485-500.
29. Ziman, M.R., Thomas, M, Jacobsen, P. and Beazley L.D. A key role for *Pax7* transcripts; determination of muscle and nerve cells. *Exp. Cell Res.*, 2001, 220-229.
30. Huang, W.L., C.G. Harper, J.P. Newnham, and S.A Dunlop. (2001) Repeated corticosteroids delay myelination in the corpus callosum of the sheep. *Int. J. Dev. Neurosci.* 19: 415-425.
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37. Kingsbury, G., Feeney, L.A., Nong, Y., Murphy, C.J., Corcoran, J.M., Prabu Das, M.R., Busfield, S.J., Fraser, C.C. & Vallel, J.L. (2001) Cloning, Expression, and Function of B Lymphocyte Activator Macrophage Expressed, a Novel Member of the CD2 Family *J. Immunol.* 166: 5675-5680.

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43. Dunlop, S.A., Tennant, M. and Beazley, L.D. (2002) The extent of retinal ganglion cell death in the frog *Litoria moorei* induced by optic nerve lesions of differing size. *J. Comp. Neurol.* 446: 276-287.

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