

PUBLICATIONS

A. Full papers in refereed journals.

- 1.BURGOYNE,R.D., WOLSTENHOLME,J. & STEPHEN,J. The preparation of stable, biologically active B fragment of diphtheria toxin. *Biochem.Biophys.Res. Comm.* 21,920-925 (1976).
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- 4.BURGOYNE,R.D. A model for the molecular basis of circadian rhythms involving monovalent ion-mediated translational control. *FEBS Lett.* 94,17-19 (1978).
- 5.BURGOYNE,R.D. & ROSE,S.P.R. Transient increase in ³H-fucose incorporation following first exposure of dark-reared rats to light. *Life Sci.* 23,2697-2704 (1978).
- 6.BURGOYNE,R.D. & STEPHEN,J. Further studies on vaccinia virus cytotoxin present in cell extracts: identification as surface tubule monomer and possible mode of action. *Arch.Virol.* 59,107-119 (1979).
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- 8.SUKUMAR,R., ROSE,S.P.R. & BURGOYNE,R.D. Increased incorporation of ³H-fucose into chick brain glycoproteins following training on a passive avoidance task. *J.Neurochem.* 34,1000-1006 (1980).
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- 12.GROSS,H., BURGOYNE,R.D. & ROSE,S.P.R. Influence of prenatal hypoxia on brain development. Effects on body weight,brain weight,DNA,protein, acetylcholinesterase, QNB-binding and in vivo incorporation of ¹⁴C-lysine into subcellular fractions. *J.Neurochem.* 37,229-237 (1981).
- 13.BURGOYNE,R.D., ROSE,S.P.R. & HARDING,S. Increased incorporation of ³H-lysine into synaptic membranes of the visual cortex following first exposure of dark-reared rats to light is confined to particular polypeptides. *J.Neurochem.* 36, 2089-2091 (1981).
- 14.BURGOYNE,R.D. & PEARCE,B.R. Muscarinic acetylcholine receptor regulation and protein phosphorylation in primary cultures of rat cerebellum. *Dev. Brain Res.* 2,55-63 (1981).
- 15.BURGOYNE,R.D. The loss of muscarinic acetylcholine receptors in synaptic membranes under phosphorylating conditions is dependent on calmodulin. *FEBS Lett.* 127,144-148 (1981).
- 16.BURGOYNE,R.D. & GEISOW,M.J. Specific binding of ¹²⁵I-calmodulin to and protein phosphorylation in adrenal chromaffin granule membranes. *FEBS Lett.* 131,127-131 (1981).
- 17.GORDON-WEEKS,P.R., BURGOYNE,R.D. & GRAY,E.G. Presynaptic microtubules: organisation and assembly/disassembly. *Neuroscience* 7,739-749 (1982).
- 18.SCHLIEBS,R., BURGOYNE,R.D. & BIGL,V. The effect of visual deprivation on β-adrenergic receptors in the visual centres of the rat brain. *J.Neurochem.* 38,1038-1043 (1982).

- 19.GEISOW,M.J. & BURGOYNE,R.D. Calcium-dependent binding of cytosolic proteins by chromaffin granules from adrenal medulla. *J.Neurochem.* 38,1735- 1741 (1982).
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