



Volume Contents

Volume 7 (1995)

VOL. 7 NO. 1**JULY 1994***Research reports*

- No adverse effects of cyclosporin A on cellular and functional development of foetal rat dopaminergic mesencephalic neurones grafted into the 6-hydroxydopamine rat model of Parkinson's disease
C.D. Earl, E.M. Frodl, S.C. Pupeter, W.H. Oertel, A. Kupsch (Germany) 1
- Chronic alterations in rat brain α -adrenoceptors following traumatic brain injury
B.E. Levin, S. Pan, A. Dunn-Meynell (USA) 5
- Production of terminally differentiated neuroblastoma cells in culture
K.N. Prasad, E. Carvalho, S. Kentroti, J. Edwards-Prasad, F.G. La Rosa, S. Kumar, C.R. Freed, A. Vernadakis (USA) 13
- Axonal regeneration in the foot branch of the superficial peroneal nerve and the lateral plantar nerve of the rat after sciatic nerve lesions
B. Povlsen, N. Stankovic, P. Danielsson, C. Hildebrand (Sweden) 21
- Expression of basic fibroblast growth factor receptor messenger RNA in the periinfarcted brain tissue
T. Sakaguchi, K. Yamada, A. Wanaka, E. Kohmura, T. Yuguchi, M. Taneda, K. Kataoka, M. Tohyama, T. Hayakawa (Japan) 29
- Experimentally induced autonomic neuropathy: beneficial effect of a systemic ACTH₄₋₉ analogue on oculomotor nerve regeneration
W.P. Vandertop, W.B. de Vries, N.C. Notermans, C.A.F. Tulleken, W.H. Gispen (The Netherlands) 37
- Rejection and regeneration through peripheral nerve allografts: immunoperoxidase studies with laminin, S100 protein and neurofilament antisera
R. Midha, S.E. Mackinnon, P.J. Evans, D.A. Hunter, L.E. Becker (Canada, USA) 45
- Erratum* 59
- 4-Aminopyridine and spinal cord injury: a review
K.C. Hayes (Canada)

VOL. 7 NO. 2**November 1994***Research reports*

- Neuroprotection of completely lacerated spinal cord of adult rats by homotopic and heterotopic transplantation
G. Guizar-Sahagun I. Grijalva, I. Madrazo, R. Franco-Bourland, H. Salgado-Ceballos, A. Ibarra, J. Larriva-Sahd (Mexico) 61
- Neurotrophic effect of submicrosomal fractions obtained from pre-degenerated peripheral nerves
J. Lewin-Kowalik, J.-J. Barski, M. Krause, D. Górká, B. Golka, M. Larysz-Brysz (Poland) 71
- Proliferation and differentiation of transplanted embryonic diencephalon in the brain of adult rats
H. Ikeda, T. Asser, T. Yoshimoto (Japan) 79

- Continuous low amplitude direct current stimulation of the crushed peripheral nerve accelerates the early recovery of choline acetyltransferase but not of acetylcholinesterase activity in fast and slow muscles
S. Ribarič, P. Cvirn, A. Stefanovska (Slovenia) 89
- Differential recovery of bipedal and overground locomotion following complete spinal cord hemisection in cats
D.M. Basso, M. Murray, M.E. Goldberger (USA) 95
- Forebrain and midbrain astrocytes promote neuritogenesis in cultured chromaffin cells
J.A. Colombo, M. Napp (Argentina) 111

Short communication

- Pruning of dendrites and restoration of function after brain damage: Role of the NMDA receptor
D.A. Kozłowski, T.A. Jones, T. Schallert (USA) 119

VOL. 7 NO. 3**March 1995***Research reports*

- Biochemical and anatomical analysis of cholinergic, noradrenergic and serotonergic innervation of fetal neocortical transplants placed in excitotoxin-induced neocortical lesions of adult rats
M.K. Schulz, J.A. McNulty, T.P. Hogan, J. Zimmer, A.J. Castro (USA, Denmark) 127
- N-CAM promotes recovery in injured nerves
J.K. Daniloff, R.S. Shoemaker, A.F. Lee, G.M. Strain, L.G. Remsen (USA) 137
- Sciatic nerve stimulation increases the degree of histopathological damage in lumbosacral segments after short lasting spinal cord ischemia in rabbit
M. Dinda, J. Galik, J. Marsala, I. Vanicky, M. Marsala (Slovakia, USA) 145
- False recovery from auditory hemineglect produced by source misattribution of auditory stimuli (the ventriloquist effect)
N. Calamaro, N. Soroker, M.S. Myslobodsky (Israel) 151
- Structural and functional regeneration in hairy and glabrous skin after fibrin sealing of transected peripheral nerves in the rat
B. Povlsen, N. Stankovic, P. Danielsson, G. Nylander (Sweden) 157
- Nerve regeneration in nerve grafts conditioned by vibration exposure
S. Bergman, A. Widerberg, N. Danielsen, G. Lundborg, L.B. Dahlin (Sweden) 165
- The effect of injection technique on the passive spread of astrocytes following transplantation into rat spinal cord white matter
N.J. Olby, M.T. O'Leary, M.P. Targett, W.F. Blakemore (UK) 171

Abstracts selected from Excerpta Medica's EMBASE 175

Book review 191

VOL. 7 NO. 4**May 1995***Research reports*

- Peripheral nerve injury and immune response in rat
K. Jovanova-Nešić, V. Savić (Yugoslavia) 193
- Fetal porcine ventral mesencephalon grafts: dissection procedure and cellular characterization in culture
W.M.C. van Roon, J.C.V.M. Copray, R.I. HogenEsch, I. Kema, E.M. Meyer, G. Molenaar, C. Lugard, M.J. Staal, K.G. Go (The Netherlands) 199
- Trauma-induced opening of the the blood-spinal cord barrier is reduced by indomethacin, an inhibitor of prostaglandin biosynthesis. Experimental observations in the rat using [¹³¹I]-sodium, Evans blue and lanthanum as tracers
H.S. Sharma, Y. Olsson, S. Persson, F. Nyberg (Sweden) 207
- Recovery of cellular activity in cryopreserved human foetal brain tissue
J.F. Dong, A. Detta, N.J. Birch, E.R. Hitchcock (UK) 217

Neurophysiological assessment of the motor and sensory spinal pathways in chronic spinal cord injury J.P. Lewko, I.M. Tarkka, M.R. Dimitrijevic (USA)	225
Visual experience during a sensitive period plays a critical role in vestibular compensation: neuronal substrates within Deiters' nucleus in the alert cat Y. Zennou-Azogui, C. Xerri, F. Harlay (France)	235
<i>Volume Contents</i>	247