

Contents Volume 4 (1992)

No. 1, April 1992

<i>Announcement from the Publisher</i>	iii
<i>Research Reports</i>	
α-Noradrenergic agonists and antagonists affect recovery and maintenance of beam-walking ability after sensorimotor cortex ablation in the rat R.L. Sutton and D.M. Feeney (USA)	1
Axonal projections and functional recovery following fascicular repair of the rat sciatic nerve with Y-tunnelled silicone chambers Q. Zhao, L.B. Dahlin, M. Kanje, G. Lundborg and S.-B. Lu (Sweden, People's Republic of China)	13
Sabeluzole accelerates neurite outgrowth in different neuronal cell lines H. Geerts, R. Nuydens, R. Nuydens and F. Cornelissen (Belgium)	21
Radial maze performance after hippocampal lesions: beneficial effects of nimodipine C. Nelson, J. Bawa and S. Finger (USA)	33
Phenotypic plasticity of 'mature' human foetal mesencephalic dopaminergic neurons and glial cells A. Detta, P. Grabham and E. Hitchcock (UK)	41
<i>Short Communications</i>	
Use of amphetamine in the treatment of aphasia D. Walker-Batson, H. Uwin, S. Curtis, E. Allen, M. Wood, P. Smith, M.D. Devous, S. Reynolds and R.G. Greenlee (USA)	47
Interactive effects of insulin, IGF-I and GM1 ganglioside on growth of PC12 cells A.J. Yates and J. Conley (USA)	51
<i>Abstracts selected from Excerpta Medica's EMBASE</i>	55

No. 2, May 1992

<i>Announcement from the Publisher</i>	iii
<i>Review Article</i>	
Factors influencing structure and function of intracerebral grafts in the mammalian brain: a review J.C. Cassel, C. Kelche, M. Majchrzak and B.E. Will (France)	65
<i>Research Reports</i>	
Target regulation of synaptic number in the expanded retinotectal projection of goldfish: the half-retinal preparation M. Murray and S.C. Sharma (USA)	97
Calcitonin gene-related peptide (CGRP) in the regenerating rat sciatic nerve G. Raivich, F.L. Dumoulin, W.J. Streit and G.W. Kreutzberg (FRG, USA)	107
<i>Abstracts selected from Excerpta Medica's EMBASE</i>	117

No. 3, July 1992

1. Oral. Vascular-Glial Interactions and the Blood Brain Barrier	127
2. Oral. Huntington's Disease Models	129
3. Oral. Growth Factors and Axonal Guidance	131
4. Oral. Alzheimer's Disease and Memory Models	133
5. Oral. Transplants for the Study of Development	135
6. Oral. Immunology	137
7. Posters. Angiogenesis, Glial Interactions, and the Blood Brain Barrier	139
8. Posters. Huntington's Disease and Striatal Grafts	140
9. Posters. Alzheimer's Disease and Memory Models	143
10. Posters. Transplants for the Study of Development	147
11. Posters. Immunology	148
12. Posters. Effects of Glial Cells	151
13. Posters. Adrenal Medulla: Preclinical	153
14. Posters. Dopaminergic Cells and Tissues	157
15. Posters. Substantia Nigra: Preclinical	159
16. Posters. Primate Methodology	169
17. Oral. Functional Analysis and Assessment	171
18. Oral. Effects of Glial Cells	173
19. Oral. Adrenal Medulla: Preclinical	174
20. Submitted Oral. New Methods, Models, and Ideas	176
21. Submitted Oral. Parkinson's Disease: from Models to Man	179
22. Submitted Oral. Spinal Cord	182
23. Oral. Substantia Nigra: Preclinical	185
24. Oral. Strategies for Stimulating CNS Plasticity	187
25. Oral. Visual System	189
26. Oral. Polymers, Encapsulation, and Artificial Organs	190
27. Oral. Genetic Engineering	192
28. Oral. Adrenal Medulla Grafts in Human Patients	194
29. Posters. Strategies for Stimulating CNS Plasticity: Growth Factors and Axonal Guidance	195
30. Posters. Visual System	199
31. Posters. Polymers, Encapsulation, Artificial Organs, and Novel Drug Delivery Systems	201
32. Posters. Genetic Engineering	203
33. Posters. Adrenal Medulla Grafts in Human Patients	207
34. Posters. New Models and Functional Analysis Methods	208
35. Posters. Hypothalamus and Pituitary	212
36. Posters. Epilepsy	215
37. Posters. Neocortex and Ischemia/Stroke Models	216
38. Posters. Spinal Cord	218
39. Posters. Human Substantia Nigra Grafts: Preclinical and Clinical Studies	221
40. Oral. New Animal Models	224
41. Oral. Spinal Cord	226
42. Oral. New Horizons in Neural Transplantation	228
43. Oral. Substantia Nigra Grafts in Human Patients	230

No. 4, July 1992*Announcement from the Publisher*

iii

Invited Editorial and Conference Report

Progress in understanding recovery of function after brain damage: the need for collaboration

F.D. Rose and D.A. Johnson (UK)

241

Research Reports

Rehabilitation of homonymous scotomata in patients with postgeniculate damage of the visual system:

saccadic compensation training

G. Kerkhoff, U. Münßinger, E. Haaf, G. Eberle-Strauss and E. Stögerer (Germany) 245

Correlation between vestibular habituation and postural recovery in cerebellar patients

H. Suarez, C. Caffa and O. Macadar (Uruguay)

255

Grafted fetal suprachiasmatic nucleus cells survive much better in tissue pieces than in suspension

G.J. Boer, H.A. Griffioen and P. Saeed (The Netherlands)

261

Case Report

Infantile right hemisphere injury: a case report with MRI and 13 year follow-up

H.S. Levin, F.C. Goldstein, M.J. Crofford, H.M. Eisenberg and F.C. Guinto Jr. (USA)

271

Short Communications

Sensory deprivation prevents integration of neocortical grafts with the host brain

A.G. Bragin, O.S. Vinogradova and V.S. Stafekhina (USSR)

279

Differential sound-evoked metabolic activity in fetal tectum grafted into damaged adult rat inferior colliculus

M.C. Zrull, T.M. Wessinger and J.R. Coleman (USA)

285

Abstracts selected from Excerpta Medica's EMBASE

291

No. 5, October 1992

Announcement from the Publisher

iii

Research Reports

Intracerebral transplantation of the A7 immortalized astrocytic cell line

M. Isono, H.M. Geller, M. Poltorak and W.J. Freed (USA)

301

Implantation of the myenteric plexus into the corpus striatum of adult rats: survival of the neurons and glia and interactions with host brain

E.M.M. Tew, P.N. Anderson and G. Burnstock (UK)

311

Changes in somatosensory circuits after subcortical infarct in rats

K. Kataoka, T. Hayakawa, T. Mushiroi, A. Wakayama, K. Yamada, R. Kuroda and M. Ioku (Japan) 323

Muscle force recovery after continuous direct current stimulation of a crushed nerve

S. Ribarič, A. Stefanovska, L. Vodovnik and P. Cvirn (Slovenia)

331

Directional specificity of regenerating primary sensory neurons after peripheral nerve crush or transection and epineurial suture. A sequential double-labeling study in the rat

C. Molander and H. Aldskogius (Sweden)

339

Clinical Report

On the late failure of spinal cord stimulation for deafferentation pain

J.D. Cole, L.S. Illis and E.M. Sedgwick (UK)

345

Book Review

349

Abstracts Selected from Excerpta Medica's EMBASE

351

Announcement

361

No. 6, December 1992

Announcement from the Publisher

iii

Research Reports

Prolonged T_1 values of the crushed nerve are not exclusively attributable to Wallerian degeneration or endoneurial edema S. Ribarič, O. Jarh, A. Sepe and F. Demsar (Slovenia)	363
Physiological and behavioral consequences of delayed septal grafts in the subcortically denervated hippocampus G. Buzsáki, M. Hsu, Z. Horváth and F.H. Gage (USA)	369
Spiny interneurons identified in the normal mouse spinal cord show alterations in the Wobbler mouse: a model for inherited motoneuron disease W. Ma and L.L. Vacca-Galloway (China, Hong Kong)	381
Fetal neocortical transplants in rats: blood–brain barrier development and partial permeability to IgG in long-surviving grafts B.S. Klausen, R.S. Swenson, J. Zimmer and A.J. Castro (USA, Denmark)	393
Stroke rehabilitation – who benefits? A comparison of medical wards and rehabilitation units S. Shah, F. Vanclay and B. Cooper (Australia)	401
NGF receptor (p75)-immunoreactivity within hypoglossal motor neurons following axotomy in monkeys J.H. Kordower, K.S. Bankiewicz and E.J. Mufson (USA)	411

Short Communications

Modulation of locomotion by a nerve graft across a spinal transection in rat E. Garcia-Rill, J.D. Houle, N.B. Reese and R.D. Skinner (USA)	419
Progesterone treatment attenuates brain edema following contusion injury in male and female rats R.L. Roof, R. Duvdevani and D.G. Stein (USA)	425

Book Review

<i>Abstracts Selected from Excerpta Medica's EMBASE</i>	429
<i>Contents Volume 4</i>	431