

Author Index to Volume 13 — 1986

- Abbott, F.S.: 252 (Aug)
 Abrahamson, D.: 117 (May)
 Agid, Y.: 331 (Nov.)
 AlAnsari, E.: 120 (May)
 Alonso, M.E.: 248 (Aug)
 Anderson, B.A.: 55 (Feb)
 Andrews, G.C.: 72 (Feb)
 Applegarth, D.A.: 252 (Aug)
 Becker, L.E.: 307 (Nov)
 Bernstein, M.: 221 (Aug)
 Black, S.E.: 62 (Feb)
 Boghen, D.: 245 (Aug)
 Bonnet, A.M.: 331 (Nov)
 Brandejs, V.: 47 (Feb)
 Brunet, D.G.: 327 (Nov)
 Calne, D.B.: 317 (Nov)
 Camfield, P.R.: 103 (May)
 Carlen, P.L.: 337 (Nov)
 Carr, I.: 55 (Feb)
 Carr, T.: 62 (Feb)
 Carroll, D.J.: 25 (Feb)
 Catching, J.: 267 (Aug)
 Catz, I.: 21, 25 (Feb)
 Chow, F.: 229 (Aug)
 Costantino, A.: 62 (Feb)
 Curran, T.: 107 (May)
 Curry, B.: 31 (Feb)
 Danon, M.J.: 334 (Nov)
 Ding, Y.: 210 (Aug)
 Dinsdale, H.B.: 214 (Aug)
 Diocee, M.: 138 (May)
 Donat, J.R.: 342 (Nov)
 Dooley, J.M.: 103 (May)
 D'Regules, R.: 248 (Aug)
 Eggertson, D.E.: 120 (May)
 Eisenstat, D.D.R.: 221 (Aug)
 Elie, R.: 245 (Aug)
 Esteguy, M.: 331 (Nov)
 Ezrin-Waters, C.: 8 (Feb)
 Farrell, K.: 252 (Aug)
 Figueroa, H.H.: 248 (Aug)
 Fisher, C.M.: 1 (Feb), 232 (Aug)
 Fitzgerald, A.A.: 72 (Feb)
 Fleming, J.F.R.: 221 (Aug)
 Forgach, L.: 317 (Nov)
 Fornazzari, L.: 337 (Nov)
 Gauthier, S.: 88 (May)
 Geeraert, A.J.: 72 (Feb)
 Gibson, W.T.: 295 (Nov)
 Godbout, R.: 245 (Aug)
 Guberman, A.: 267 (Aug), 340 (Nov)
 Gulamhusein, S.: 262 (Aug)
 Hader, W.J.: 66 (Feb)
 Halliday, W.C.: 307 (Nov)
 Hardenberg, J.: 331 (Nov)
 Hatch, L.A.: 111 (May)
 He, X.: 210 (Aug)
 Hietanen, M.: 317 (Nov)
 Hill, A.: 264 (Aug), 342 (Nov)
 Hoag, G.: 138 (May)
 Hobson, D.E.: 55 (Feb)
 Hoffbrand, B.T.: 129 (May)
 Hoffman, H.J.: 81 (May)
 Hudson, A.J.: 111 (May)
 Iragui, V.: 320 (Nov)
 Jackson, A.C.: 15 (Feb)
 Jacob, J.C.: 146 (May)
 Jagadha, V.: 307 (Nov)
 Jan, J.E.: 252, 256 (Aug)
 Javidan, M.: 240 (Aug)
 Jeffrey, V.M.: 25 (Feb)
 Kapur, B.M.: 337 (Nov)
 Kaufmann, J.C.E.: 111 (May)
 Keith, W.S.: 133 (May)
 Kuzniecky, R.I.: 344 (Nov)
 Kwan, A.: 146 (May)
 Lal, S.: 125 (May)
 Lamothe, L.: 245 (Aug)
 Lang, A.E.: 42 (Feb)
 Laverty, W.: 312 (Nov)
 Lee, R.G.: 97 (May)
 Lewis, P.J.: 72 (Feb)
 Lowry, N.: 264 (Aug)
 Lucier, G.E.: 97 (May)
 Lue, F.A.: 52 (Feb)
 Mallya, K.B.: 340 (Nov)
 Manaligod, J.R.: 334 (Nov)
 Mangan, M.: 146 (May)
 Maroun, F.B.: 146 (May)
 Mathieson, G.: 146 (May)
 Meagher-Villeneuve, K.: 344 (Nov)
 Mendis, T.: 340 (Nov)
 Moldofsky, H.: 52 (Feb)
 Montplaisir, J.: 245 (Aug)
 Murray, G.P.: 146 (May)
 Mustard, B.E.: 97 (May)
 McLean, D.R.: 240 (Aug)
 McMeekin, J.D.: 262 (Aug)
 Nair, C.P.: 66 (Feb)
 Nicholson, R.L.: 62 (Feb)
 Noseworthy, J.H.: 62 (Feb), 109, 111 (May)
 Noseworthy, T.W.: 72 (Feb)
 Ooi, T.C.: 70 (Feb)
 Oppenheimer, S.: 129 (May)
 Orr, J.M.: 252 (Aug)
 Otero, E.: 248 (Aug)
 Percy, D.H.: 111 (May)
 Perurena, O.H.: 334 (Nov)
 Phillips, S.J.: 103 (May)
 Pillay, N.: 120 (May)
 Povey, R.C.: 111 (May)
 Pryce-Phillips, W.E.M.: 107 (May)
 Quance, G.: 52 (Feb)
 Rajput, A.: 270 (Aug), 312 (Nov)
 Raymond, J.J.: 214 (Aug)
 Resch, L.: 8 (Feb)
 Newcastle, N.B.: 31 (Feb)
 Reyes, M.G.: 117 (May)
 Robertson, D.M.: 214 (Aug)
 Robertson, R.: 256 (Aug)
 Romine, J.S.: 320 (Nov)
 Ronan, S.: 334 (Nov)
 Ronen, G.M.: 264 (Aug), 342 (Nov)
 Ross, R.T.: 138 (May), 203 (Aug)
 Rozdilsky, B.: 66 (Feb), 138 (May)
 Russell, N.A.: 70 (Feb)
 Rutka, J.T.: 301 (Nov)
 Sadler, M.: 146 (May)
 Sadler, R.M.: 107 (May)
 Sadovnick, A.D.: 47 (Feb)
 Sarnat, H.B.: 31 (Feb), 205, 264 (Aug)
 Schechter, P.J.: 331 (Nov)
 Schoenberg, B.: 317 (Nov)
 Schulzer, M.: 317 (Nov)
 Schutz, H.: 221 (Aug)
 Schwartz, M.: 117 (May)
 Sima, A.A.F.: 138 (May)
 Smith, M.S.M.: 81 (May)
 Stern, W.: 312 (Nov)
 Strong M.J.: 109 (May)
 Sundaram, M.B.M.: 229, 262 (Aug)
 Sweeney, V.P.: 47 (Feb)
 Tal, A.: 117 (May)
 Tator, C.H.: 91 (May)
 Tell, G.: 331 (Nov)
 Teravainen, H.: 317 (Nov)
 Trevenen, C.L.: 31 (Feb)
 Tullis, C.: 52 (Feb)
 Uitti, R.J.: 270 (Aug), 312 (Nov)
 Vanderlinden, R.G.: 221 (Aug)
 Vinters, H.V.: 111 (May)
 Wallace, M.C.: 91 (May)
 Warren, K.G.: 21, 25 (Feb), 240 (Aug)
 Watters, G.V.: 344 (Nov)
 Watters, L.: 344 (Nov)
 Wedge, J.H.: 264 (Aug)
 West, M.: 55 (Feb)
 Wiederholt, W.C.: 320 (Nov)
 Willmer, J.P.: 327 (Nov)
 White, D.G.: 97 (May)
 Wong, P.K.: 252, 256 (Aug)

Subject Index to Volume 13 — 1986

- Abuse, drug**
 Intravenous Abuse of Propylhexedrine (Benzedrex®) and the Risk of Brainstem Dysfunction in young adults 337 (Nov)
- Acridine Orange**
 Cytoplasmic RNA in Nervous System Tumours in Children: A Fluorochronic Histochemical Study Using Acridine Orange 31 (Feb)
- Alzheimer's Disease**
 Research Advances in Alzheimer's Disease and Related Neurodegenerative Disorders (Nov Supplement)
- Amyotrophic Lateral Sclerosis**
 The Concurrence of Multiple Sclerosis and Amyotrophic Lateral Sclerosis 66 (Feb)
- Aneurysm, Carotid**
 Hypopituitarism Resulting from an Intracellar Carotid Aneurysm 70 (Feb)
- Angioendotheliomatosis**
 Neoplastic Angioendotheliomatosis involving the Central Nervous System 347 (Nov)
- Artery, Posterior Cerebral**
 Unusual Vascular Events in the Territory of the Posterior Cerebral Artery 1 (Feb)
 The Posterior Cerebral Artery Syndrome 232 (Aug)
- Ataxia**
 A Controlled Study of Oral Vigabatrin (γ -Vinyl GABA) in Patients with Cerebellar Ataxia 331 (Nov)
- Blood-brain Barrier**
 Pharmacological Modification of Bradykin Induced Breakdown of the Blood-brain Barrier 214 (Aug)
- Blood Flow**
 Spinal Cord Blood Flow Measured with Microspheres Following Spinal Cord Injury in the Rat 91 (May)
- Cardiac Tachyarrhythmias**
 Cardiac Tachyarrhythmias in Hereditary Long QT Syndromes Presenting as a Seizure Disorder 262 (Aug)
- Cat Bite**
 An Unusual Form of Motor Neuron Disease Following a Cat Bite 111 (May)
- Cerebrospinal Fluid**
 The Use of Shunting Devices for Cerebrospinal Fluid in Canada 81 (May)
- Chiari Malformation**
 Chiari Malformation in Adults: A Review of 40 cases 221 (Aug)
- Cortical Visual Impairment**
 Electroencephalograms of Children with Permanent Cortical Visual Impairment 256 (Aug)
- Creutzfeldt-Jakob Disease**
 Creutzfeldt-Jakob Disease: Correlation of Focal Electroencephalographic Abnormalities and Clinical Signs 120 (May)
- Dementia**
 Research Advances in Alzheimer's Disease and Related Neurodegenerative Disorders (Nov Supplement)
- Dystonia**
 High Dose Anticholinergic Therapy in Adult Dystonia 42 (Feb)
- Electroencephalograms**
 Electroencephalograms of Children with Permanent Cortical Visual Impairment 256 (Aug)
- Electroencephalography**
 The Value of Prolonged Electroencephalographic and Video Monitoring in Diagnosis of Seizure Disorders 327 (Nov)
- Ergotamine**
 Rapid Reversal of Ergotamine-induced Vasospasm 72 (Feb)
- Evoked Potentials**
 Cerebral Evoked Potentials in Multiple Sclerosis 240 (Aug)
 Serial Recordings of Multimodality Evoked Potentials in Multiple Sclerosis: A Four Year Follow-up Study 320 (Nov)

Facial Paralysis

Bilateral Facial Paralysis Following Ethylene Glycol Ingestion 340 (Nov)

Glial Fibrillary Acidic Protein

Glial Fibrillary Acidic Protein (GFAP) in Oligodendrogliomas: A Reflection of Transient GFAP Expression by Immature Oligodendroglia 307 (Nov)

Glioma

Effects of Extracellular Matrix Proteins on the Growth and Differentiation of an Anaplastic Glioma Cell Line 301 (Nov)

Hemifacial Spasm

Hemifacial Spasm in Childhood 342 (Nov)

Herbs, Chinese

Traditional Chinese Herbs in Treatment of Neurological and Neurosurgical Disorders 210 (Aug)

Histiocytomas, Fibrous

Malignant Intracranial Fibrous Histiocytomas. Histologic, Ultrastructural and Immunohistochemical Studies of Two Cases 138 (May)

Hydrocephalus

X-Linked Hydrocephalus 344 (Nov)

Hypopituitarism

Hypopituitarism Resulting from an Intracellar Carotid Aneurysm 70 (Feb)

Hypothyroidism

Nemaline Myopathy in an Adult with Primary Hypothyroidism 117 (May)

Inclusion Body Myositis

Inclusion Body Myositis associated with Systemic Sarcoidosis 334 (Nov)

Journal Exchanges

CJNS Exchanges with Journals of Latin America, China and Eastern Europe 205 (Aug)

Lymphoma

Primary Lymphoma of the Central Nervous System: Manitoba Experience and Literature Review 55 (Feb)

Magnetic Resonance Imaging

Dorsal Midbrain Syndrome in Multiple Sclerosis with Magnetic Resonance Imaging Correlation 62 (Feb)

Memoriam

In Memoriam: Dr. André Barbeau 203 (Aug)
In Memoriam: F.L. McNaughton 294 (Nov)
In Memoriam: J.C. Richardson 292 (Nov)

Migraine

Catastrophic Migraine 348 (Nov)

Mitral Valve, Prolapse of

Neurological Disorders Associated with Mitral Valve Prolapse 15 (Feb)

Motor Neuron Disease

An Unusual Form of Motor Neuron Disease Following a Cat Bite 111 (May)

Movement

Modification of Motor Output to Compensate for Unanticipated Load Conditions During Rapid Voluntary Movements 97 (May)

Multiple Sclerosis

Cerebral Evoked Potentials in Multiple Sclerosis 240 (Aug)

Dorsal Midbrain Syndrome in Multiple Sclerosis with Magnetic Resonance Imaging Correlation 62 (Feb)

Effect of Methylprednisolone on CSF IgG Parameters, Myelin Basic Protein and Anti-Myelin Basic Protein in Multiple Sclerosis Exacerbations 25 (Feb)

Intrathecal Synthesis of Autoantibodies to Myelin Basic Protein in Multiple Sclerosis 21 (Feb)

Multiple Sclerosis Presenting as Isolated Oculomotor Nerve Palsy 270 (Aug)

Prevalence of Multiple Sclerosis in British Columbia 47 (Feb)

Serial Recordings or Multimodality Evoked Potentials in Multiple Sclerosis: A Four Year Follow-up Study 320 (Nov)

The Concurrence of Multiple Sclerosis and Amyotrophic Lateral Sclerosis 66 (Feb)

Myelin Basic Protein

Intrathecal Synthesis of Autoantibodies to Myelin Basic Protein in Multiple Sclerosis 21 (Feb)

Myoclonus

Nitrazepam for Periodic Movements in Sleep (Sleep-related Myoclonus) 52 (Feb)

Nemaline Myopathy

Nemaline Myopathy in an Adult with Primary Hypothyroidism 117 (May)

Nucleus Basalis of Meynert

The Nucleus Basalis of Meynert 8 (Feb)

Obituary

See Memoriam

Oligodendrogliomas

Glial Fibrillary Acidic Protein (GFAP) in Oligodendrogliomas: A Reflection of Transient GFAP Expression by Immature Oligodendroglia 307 (Nov)

Optic Neuritis

Optic Neuritis and Myelopathy in Systemic Lupus Erythematosus 129 (May)

Parkinson's Disease

Early Onset Parkinson's Disease in Saskatchewan — Environmental Considerations for Etiology 312 (Nov)

Parkinson's Disease: A Genetic Study 248 (Aug)

The Age of Onset of Parkinson's Disease: Etiological Implications 317 (Nov)

Restless Legs Syndrome

The Treatment of the Restless Legs Syndrome with Clonazepam: A Prospective Controlled Study 245 (Aug)

RNA

Cytoplasmic RNA in Nervous System Tumours in Children: A Fluorochromic Histochemical Study Using Acridine Orange 31 (Feb)

Sarcoidosis

Inclusion Body Myositis associated with Systemic Sarcoidosis 334 (Nov)

Scapuloperoneal Atrophy

Hereditary Motor Sensory Neuropathy Type 1 Presenting as Scapuloperoneal Atrophy (Davidenkow Syndrome) Electrophysiological and Pathological Studies 264 (Aug)

Seizures

Cardiac Tachyarrhythmias in Hereditary Long QT Syndromes Presenting as a Seizure Disorder 262 (Aug)

Free and Total Serum Valproate Concentrations: Their Relationship to Seizure Control, Liver Enzymes and Plasma Ammonia in Children 252 (Aug)

The Value of Prolonged Electroencephalographic and Video Monitoring in Diagnosis of Seizure Disorders 327 (Nov)

Seizures Associated with Spontaneous Subarachnoid Hemorrhage 229 (Aug)

Sherrington Era

Pioneers in Neuroscience: The Sherrington Era 295 (Nov)

Shunting Devices

The Use of Shunting Devices for Cerebrospinal Fluid Canada 81 (May)

Sleep

Nitrazepam for Periodic Movements in Sleep (Sleep-related Myoclonus) 52 (Feb)

Spinal Cord

Spinal Cord Blood Flow Measured with Microspheres Following Spinal Cord Injury in the Rat 91 (May)

Subarachnoid Hemorrhage

Seizures Associated with Spontaneous Subarachnoid Hemorrhage 229 (Aug)

Swallow Syncope

Swallow Syncope 267 (Aug)

Tongue

Hemigeusia, Hemianaesthesia and Hemiatrophy of the Tongue 109 (May)

Numbness of Half of the Tongue 107 (May)

Torticollis

Idiopathic Spasmodic Torticollis: Pathophysiology and Treatment 88 (May)

Tourette-like Syndrome

Tourette-like Syndrome Following Low Dose Short-term Neuroleptic Treatment 125 (May)

Tumours

Cytoplasmic RNA in Nervous System Tumours in Children: A Fluorochromic Histochemical Study using Acridine Orange 31 (Feb)

Primary Malignant Tumours of the Trigeminal Nerve 146 (May)

Valproate

Free and Total Serum Valproate Concentrations: Their Relationship to Seizure Control, Liver Enzymes and Plasma Ammonia in Children 252 (Aug)

Vasospasm

Rapid Reversal of Ergotamine-induced vasospasm 72 (Feb)

Vein of Galen Malformation

Vein of Galen Malformation with Cerebral Calcification: A Reversible Cause of Neurodegenerative Disease 103 (May)

Whiplash

'Whiplash' — Injury of the 2nd Cervical Ganglion and Nerve 133 (May)

THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES

VOL. 13, NO. 1 FEB. 1986

SPECIAL FEATURES

1985 Silversides Lecture: Unusual Vascular Events in the Territory of the Posterior Cerebral Artery C.M. Fisher 1
 Review Article: The Nucleus Basalis of Meynert Cheryl Ezrin-Waters and L. Resch 8
 Review Article: Neurological Disorders Associated with Mitral Valve Prolapse Alan C. Jackson 15

ORIGINAL ARTICLES

Intrathecal Synthesis of Autoantibodies to Myelin Basic Protein in Multiple Sclerosis Ingrid Catz and Kenneth G. Warren 21
 Effect of Methylprednisolone on CSF IgG Parameters, Myelin Basic Protein and Anti-Myelin Basic Protein in Multiple Sclerosis Exacerbations Kenneth G. Warren, Ingrid Catz, Verona M. Jeffrey and Dorothy J. Carroll 25
 Cytoplasmic RNA in Nervous System Tumours in Children: A Fluorochromic Histochemical Study using Acridine Orange Harvey B. Sarnat, Bernadette Curry, N.B. Rewcastle and Cynthia L. Trevenen 31
 High Dose Anticholinergic Therapy in Adult Dystonia Anthony E. Lang 42
 Prevalence of Multiple Sclerosis in British Columbia Vincent P. Sweeney, Adele D. Sadovnick and Vilma Brandejs 47
 Nitrazepam for Periodic Movements in Sleep (Sleep-related Myoclonus) Harvey Moldofsky, Carole Tullis, Grace Quance and Franklin A. Lue 52

Primary Lymphoma of the Central Nervous System: Manitoba Experience and Literature Review Douglas E. Hobson, Brian A. Anderson, Ian Carr and Michael West 55
 Dorsal Midbrain Syndrome in Multiple Sclerosis with Magnetic Resonance Imaging Correlation A. Costantino, S.E. Black, T. Carr, R.L. Nicholson and J.H. Noseworthy 62
 The Concurrence of Multiple Sclerosis and Amyotrophic Lateral Sclerosis Walter J. Hader, Bohdan Rozdilsky and Cheranada P. Nair 66
 Hypopituitarism Resulting from an Intracellar Carotid Aneurysm T.C. Ooi and N.A. Russell 70
 Rapid Reversal of Ergotamine-induced Vasospasm P. Jeffrey Lewis, Thomas W. Noseworthy, Avril A. Fitzgerald, George C. Andrews and Albert J. Geeraert 72
 Correspondence 75
 Book Reviews 75
 Books Received 77
 Notes and Announcements 78
 Calendar of Events 79

THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES

VOL. 13, NO. 2 MAY 1986

SPECIAL FEATURES

The Use of Shunting Devices for Cerebrospinal Fluid in Canada Harold J. Hoffman and May S.M. Smith 81
 Idiopathic Spasmodic Torticollis: Pathophysiology and Treatment — Review Article S. Gauthier 88

ORIGINAL ARTICLES

Spinal Cord Blood Flow Measured with Microspheres Following Spinal Cord Injury in the Rat M. Christopher Wallace and Charles H. Tator 91
 Modification of Motor Output to Compensate for Unanticipated Load Conditions During Rapid Voluntary Movements R.G. Lee, G.E. Lucier, B.E. Mustard and D.G. White 97
 Vein of Galen Malformation with Cerebral Calcification: A Reversible Cause of Neurodegenerative Disease Stephen J. Phillips, Joseph M. Dooley and Peter R. Camfield 103
 Numbness of Half of the Tongue R.M. Sadler, T. Curran and W.E.M. Pryce-Phillips 107
 Hemigeusia, Hemianaesthesia and Hemiatrophy of the Tongue Michael J. Strong and John H. Noseworthy 109
 An Unusual Form of Motor Neuron Disease Following a Cat Bite Arthur J. Hudson, Harry V. Vinters, R. Charles Povey, Leslie A. Hatch, Dean H. Percy, John H. Noseworthy and John C.E. Kaufmann 111

Nemaline Myopathy in an Adult with Primary Hypothyroidism Marcelino G. Reyes, Alexander Tal, David Abrahamson and Maurice Schwartz 117
 Creutzfeldt-Jakob Disease: Correlation of Focal Electroencephalographic Abnormalities and Clinical Signs Douglas E. Eggertson and Neelan Pillay 120
 Tourette-like Syndrome Following Low Dose Short-term Neuroleptic Treatment Samarhji Lal and Esam AlAnsari 125
 Optic Neuritis and Myelopathy in Systemic Lupus Erythematosus Stephen Oppenheimer and G.I. Holtbrand 129
 "Whiplash" — Injury of the 2nd Cervical Ganglion and Nerve William S. Keith 133
 Malignant Intracranial Fibrous Histiocytomas. Histologic, Ultrastructural and Immunohistochemical Studies of Two Cases A.A.F. Sima, R.T. Ross, G. Hoag, B. Rozdilsky and M. Diocce 138
 Primary Malignant Tumours of the Trigeminal Nerve F.B. Maroun, M. Sadler, G.P. Murray, M. Mangan, G. Mathieson, J.C. Jacob and A. Kwan 146
 Correspondence 149
 Book Reviews 151
 Notes and Announcements 154
 Calendar of Events 155
 XX1st Canadian Congress of Neurological Sciences Program and Abstracts 156

THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES

VOL. 13, NO. 3 AUG. 1986

SPECIAL FEATURES

In Memoriam: Dr. André Barbeau (1931-1986) R.T. Ross 203
 CJNS Exchanges with Journals of Latin America, China and Eastern Europe Harvey B. Sarnat 205
 Traditional Chinese Herbs in Treatment of Neurological and Neurosurgical Disorders Yuji Ding and Xiaoxian He 210

ORIGINAL ARTICLES

Pharmacological Modification of Bradykinin Induced Breakdown of the Blood-brain Barrier Jennifer J. Raymond, David M. Robertson and Henry B. Dinsdale 214
 Chiari Malformation in Adults: A Review of 40 Cases David D.R. Eisenstat, Mark Bernstein, J.F. Ross Fleming, R.G. Vanderlinden and Hart Schutz 221
 Seizures Associated with Spontaneous Subarachnoid Hemorrhage M.B.M. Sundaram and F. Chow 229
 The Posterior Cerebral Artery Syndrome C.M. Fisher 232
 Cerebral Evoked Potentials in Multiple Sclerosis Manouchehr Javidan, Donald R. McLean and Kenneth G. Warren 240
 The Treatment of the Restless Legs Syndrome with Clonazepam: A Prospective Controlled Study Dan Boghen, Lise Lamothe, Robert Elie, Roger Godbout and Jacques Montplaisir 245
 Parkinson's Disease: A Genetic Study Ma. Elisa Alonso, Enrique Otero, Rosalinda D'Regules and Hector Hugo Figueroa 248

Free and Total Serum Valproate Concentrations: Their Relationship to Seizure Control, Liver Enzymes and Plasma Ammonia in Children Kevin Farrell, Frank S. Abbott, James M. Orr, Derek A. Applegarth, James E. Jan and Peter K. Wong 252
 Electroencephalograms of Children with Permanent Cortical Visual Impairment Robyn Robertson, James E. Jan and Peter K.H. Wong 256
 Cardiac Tachyarrhythmias in Hereditary Long QT Syndromes Presenting as a Seizure Disorder M.B.M. Sundaram, J.D. McMeekin and S. Gulamhussein 262
 Hereditary Motor Sensory Neuropathy Type I Presenting as Scapulothoracic Atrophy (Davidenkow Syndrome) Electrophysiological and Pathological Studies Gabriel M. Ronen, Noel Lowry, John H. Wedge, Harvey B. Sarnat and Alan Hill 264
 Swallow Syncope A. Guberman and J. Catching 267
 Multiple Sclerosis Presenting as Isolated Oculomotor Nerve Palsy Ryan J. Uitti and A.H. Rajput 270
 Book Reviews 273
 Notes and Announcements 277
 Calendar of Events 278
 Erratum 278
 Abstracts of the Canadian meeting of neuro-oncology/Réunion canadienne de neuro-oncologie 279

THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES

VOL. 13, NO. 4 NOV. 1986

IN MEMORIAM

Editorial Comment 291
 J.C. Richardson 292
 F.L. McNaughton 293

SPECIAL FEATURES

Pioneers in Neurosciences: The Sherrington Era William Gibson 295
 Effects of Extracellular Matrix Proteins on the Growth and Differentiation of an Anaplastic Glioma Cell Line James Rutka 301

ORIGINAL ARTICLES

Gliat Fibrillary Acidic Protein (GFAP) in Oligodendrogliomas: A Reflection of Transient GFAP Expression by Immature Oligodendroglia V. Jagadha, W.C. Halliday, L.E. Becker 307
 Early Onset Parkinson's Disease in Saskatchewan — Environmental Considerations for Etiology A.H. Rajput, Ryan J. Uitti, W. Stern and W. Lavery 312
 The Age of Onset of Parkinson's Disease: Etiological Implications H. Teravainen, L. Forgach, M. Hietanen, M. Schulzer, B. Schoenberg and D.B. Calne 317
 Serial Recordings of Multimodality Evoked Potentials in Multiple Sclerosis: A Four Year Follow-Up Study Vincente J. Irigui, Wigbert C. Wiederholt and John S. Romine 320
 The Value of Prolonged Electroencephalographic and Video Monitoring in Diagnosis of Seizure Disorders J.P. Willmer and D.G. Brunet 327
 A Controlled Study of Oral Vigabatrin (γ-Vinyl GABA) in Patients with Cerebellar

Ataxia A.M. Bonnet, M. Esteguy, G. Tell, P.J. Schechter, J. Hardenberg and Y. Agid 331
 Inclusion Body Myositis Associated with Systemic Sarcoidosis Morris J. Danon, Osvaldo H. Perurena, Salve Ronan and Jose R. Manalagho 334
 Intravenous Abuse of Propylhexedrine (Benedrex®) and the Risk of Brainstem Dysfunction in Young Adults Luis Fornazzari, Peter L. Carlen and Bhushan M. Kapur 337
 Bilateral Facial Paralysis Following Ethylene Glycol Ingestion K.B. Mallya, T. Mendis and A. Guberman 340
 Hemifacial Spasm in Childhood Gabriel M. Ronen, Jeffrey R. Donat and Alan Hill 342
 X-Linked Hydrocephalus Ruben I. Kuzniecky, Gordon V. Walters, Lise Walters and Kathleen Meagher-Villemure 344
 Correspondence 347
 Book Reviews 349
 Notes and Announcements 354
 Calendar of Events 359
 Canadian Congress of Neurological Sciences — Call for Abstracts announcement 360
 Index to Volume 13 361
 ABSTRACTS — NEUROIMMUNOLOGY Satellite Symposium of the VIth International Congress of Immunology 368

Special Supplement to Volume 13, No. 4

Research Advances in Alzheimer's Disease and Related Neurodegenerative Disorders 381- 572