

## ANNOUNCEMENTS

**The IVth International Congress on Neuromuscular Diseases** will be held in Montreal, Quebec, Canada, from September 17-21, 1978.

An interesting program of invited symposia, invited poster sessions and free communications (platform and poster sessions) has been planned, details of which are given below:

## SYMPOSIA

**Symposium 1: CELL MEMBRANES AND MUSCLE DISEASE:** Chairmen: John N. Walton (UK), Lewis P. Rowland (USA). Introduction: Lewis P. Rowland. 1. Molecular Structure and Biophysical Aspects of the Sarcolemma: Robert L. Barchi (USA). 2. Chemistry and Chemical Pathology of Muscle Cell Plasma Membrane: Lewis P. Rowland (USA). 3. Pathogenesis of Muscle Cell Damage in the Dystrophies; Morphologic Aspects Including Freeze Fracture Studies: Donald L. Schotland (USA). 4. An Overview of Erythrocyte Abnormalities in Muscle Diseases: Stanley H. Appel (USA). Summary: John N. Walton.

**Symposium 2: TOXIC DISORDERS OF NERVE:** Chairmen: Peter S. Spencer (USA), Herbert H. Schaumburg (USA). 1. Environmental Neurotoxins — A Treat or a Blessing?: Peter S. Spencer (USA). 2. Myelinotoxic Agents: Peter Lampert (USA). 3. Axonal Neurotoxins: Jack Griffin (USA). 4. Perikaryal Neurotoxins: Jean Jacobs (UK). Summary: Herbert H. Schaumburg.

**Symposium 3: CELL INTERACTIONS IN THE PERIPHERAL NERVOUS SYSTEM:** Chairmen: Richard P. Bunge (USA), Eric Shooter (USA). Introduction: Richard P. Bunge. 1. The Role of the Periphery in Nerve Development: Lynn Landmesser (USA). 2. Nerve Growth-Promoting Factors: Eric Shooter (USA). 3. Evidence for the Axonal Transport of Nerve Growth Factor: Eugene M. Johnson (USA). 4. Trophic Factors Influencing the Chromatolytic Reaction: Norman R. West (USA). 5. Glial-Axonal Interactions: R. Lasek (USA). Summary: Eric Shooter.

**Symposium 4: METABOLIC ASPECTS OF MUSCLE AND NERVE:** Chairmen: Arthur K. Asbury (USA), Robert B. Layzer (USA). Introduction: Arthur K. Asbury. 1. Regulation of Protein Catabolism in Skeletal Muscles: Alfred L. Goldberg (USA). 2. The Role of Calcium in Physiological and Pathological Processes of Skeletal Muscle: Setsuro Ebashi (Japan). 3. Cyclic Nucleotides in Skeletal Muscles: Barry W. Festoff (USA). 4. Neuropathies with Filamentous Abnormalities: Arthur K. Asbury (USA). 5. Metabolic Neuropathies: Peter K. Thomas (UK). Summary: Robert B. Layzer.

**Symposium 5: NERVE STRUCTURE AND FUNCTION:** Chairmen: Roger W. Gilliatt (UK), Peter J. Dyck (USA). Introduction: Roger W. Gilliatt. 1. Physiological Properties of Abnormal Nerve Fibers: Thomas A. Sears (UK).

2. Cytochemical Studies of Nerve Fiber: Stephen G. Waxman (USA). 3. Freeze Fracture Electron Microscopy of Nerve Fibers: Jack Rosenbluth (USA). 4. Sodium Channel Density in Axonal Membranes: J. Murdock Ritchie (USA). Summary: Peter J. Dyck.

**Symposium 6: ACETYLCHOLINE RECEPTORS AND MYASTHENIA GRAVIS:** Chairmen: Daniel B. Drachman (USA), John A. Simpson (UK). Introduction: John A. Simpson. 1. General Properties of Acetylcholine Receptors: Zach Hall (USA). 2. Myasthenia Gravis; A Disorder of Acetylcholine Receptors: Daniel B. Drachman (USA). 3. Animal Models of Myasthenia Gravis: Jon Lindstrom (USA). 4. Immunologic Features of Myasthenia Gravis: Audrey S. Penn (USA). 5. Electronmicroscopic Immunopathology of Myasthenia: Andrew G. Engel (USA). 6. Principles of Treatment of Myasthenia Gravis: John A. Simpson (UK). Summary: Daniel B. Drachman.

**Symposium 7: DEVELOPMENTAL DISORDERS OF MUSCLE:** Chairperson: Jaap Bethlem (The Netherlands), Victor Dubowitz (UK). Introduction: Victor Dubowitz. 1. Peripheral Synaptogenesis in vitro. Gerald D. Fishbach (USA). 2. Development of the Motor Unit in vivo; Background to the Pathophysiology of Congenital Neuromuscular Diseases: W. King Engel (USA). 3. Review of Congenital Neuromuscular Disorders: Michel Fardeau (France). 4. The Role of Tissue Culture in the Study of Human Neuromuscular Diseases: Valerie Askansas (USA). Summary: Jaap Bethlem.

**INVITED POSTER SESSIONS:** 1. Morphometric study of skeletal muscle: Andrew G. Engel (USA). 2. Morphometric study of peripheral nerve: Peter J. Dyck (USA). 3. The Muscle spindle: William Kennedy (USA). 4. Pitfalls in the electromicroscopic examination of skeletal muscle. Fernando Tomé (France). 5. Animal models of muscle diseases: Ethel Cosmos (Canada). 6. Animal models of nerve diseases: Leo W. Duchon (UK), Jim McLeod (Australia), Francesco Scaravilli (UK). 7. Genetic tools for neuromuscular research: Alan Peterson (Canada). 8. The structure of pathologic nerve: Arthur K. Asbury and Peter C. Johnston (USA).

**FREE COMMUNICATIONS — (Platform and Poster Sessions):** are scheduled for each day of the symposium.

**WORKSHOPS** on various topics of neuromuscular research will be held on the afternoon of Tuesday, September 19th.

Information may be obtained from:

The Secretariat,  
IVth International Congress on  
Neuromuscular Diseases,  
3587 University Street,  
Montreal, Quebec, Canada  
H3A 2B1

**Epilepsy International Symposium**

September 10-14, 1978 — Vancouver, Canada

**Organizers:** International League Against Epilepsy; International Bureau for Epilepsy. **Affiliated Sponsoring Organizations:** American Epilepsy Society; British Columbia Epilepsy Society (host); Canadian Association of EEG Technologists (host); Canadian Epilepsy Association (host); Canadian League Against Epilepsy (host); Canadian Neurological Society (host); Epilepsy Foundation of America; Japanese Epilepsy Society; Western Institute on Epilepsy. **Organizing Committee:** Dr. D. D. Daly, Dr. F. E. Dreifuss, Mrs. E. R. Grass, Dr. Karl-Axel Melin, Dr. J. K. Penry, Dr. Toyoji Wada and Dr. J. A. Wada (chairman). **Scientific Program Committee:** Dr. F. E. Dreifuss, Dr. P. Gloor, Dr. I. Løyning, Dr. J. K. Penry, Dr. M. Seino and Dr. J. A. Wada (chairman). **Local Committee:** Dr. N. L. Auckland, Dr. H. G. Dunn, Dr. G. B. Thompson and Dr. J. A. Wada. **Secretariat:** CanWest Conference Services Ltd., 1315-925 West Georgia, Vancouver, British Columbia V6C 1R5.

An International Symposium on Epilepsy will be held at the Bayshore Inn in Vancouver, B.C., Canada from September 10-14 (Sunday to Thursday), 1978. **Themes:** Intensive Monitoring - American Epilepsy Society; Natural History and Prognosis - Japanese Epilepsy Society; New Surgical Treatment through Experimental Models - Canadian League Against Epilepsy; New Drug Testing, Marketing and Availability - International League Against Epilepsy; Comprehensive Care of Epilepsy - International Bureau for Epilepsy, Western Institute on Epilepsy, Canadian Epilepsy Association, Epilepsy Foundation of America.

**INTERNATIONAL SYMPOSIUM ON  
PITUITARY MICROADENOMAS**

Università degli Studi, Milano, October 12-14, 1978

The program will include 20-22 invited lectures, 2 open discussions on "Problems in pathogenesis of pituitary microadenomas" and "Problems in treatment of pituitary microadenomas", respectively, and about 30 free communications.

**Presidents:** W. H. Daughaday and C. B. Wilson.

**Secretaries:** G. Faglia and M. Giovanelli.

**Scientific committee:** V. Bernasconi, H. G. Friesen, G. Guiot, A. M. Landolt, R. M. MacLeod, K. von Werder.

*Invited lectures* on biological, endocrinological, neuroradiological and neurosurgical aspects will be presented by leading investigators in the field.

*Free Communications:* abstracts are to be submitted on special forms by April 30th 1978. Oral presentation will be limited to about 30 papers only. Priority will be assessed by an international referee board. All submitted papers will be published in the abstracts booklet.

*The Proceedings,* including lectures, selected communications, and discussions will be published by Academic Press in the Serono Symposia series.

*Official language:* English.

*Information:* Secretariat of the International Symposium on Pituitary Microadenomas — Clinica Neurochirurgica dell'Università — Ospedale Policlinico - Pad. Beretta - via F. Sforza 35 - 20122 Milano, Italy.

**BOOKS RECEIVED**

*Asymmetrical Function of the Brain,* edited by Marcel Kinshourne, Cambridge University Press, 32 East 57th St., New York, N.Y. 10022. 581 pages, \$29.95

*Mechanism and Management of Headache,* third edition, James W. Lance, Butterworths, 19 Cummings Park, Woburn, M.A. 01801, U.S.A. 263 pages, \$14.95

*Mastering Your Migraine,* Peter Evans, General Publishing Co., 30 Lesmill Rd., Don Mills, Ontario M3B 2T6, Canada 112 pages, \$5.50

*Modern Perspectives in Epilepsy - Proceedings of the Inaugural Symposium of the Canadian League Against Epilepsy,* edited by Juhn A. Wada, Eden Press, 1538 Sherbrooke St., W. Montreal H3G 1L5, Canada 235 pages, \$8.00

*Neuropsychology — A Clinical Approach,* Kevin W. Walsh, Longman Canada Ltd., 55 Barber Greene Road, Don Mills, Ontario M3C 2A1, Canada 371 pages, price not given

*Cerebellar Dentate Nucleus — Organization, Cytology and Transmitters,* Victoria Chan-Palay, Springer-Verlag New York Inc., 175 Fifth Avenue, New York, N.Y. 10010 548 pages, \$98.00

*The Mindful Brain —* Gerald M. Edelman and Vernon B. Mountcastle, The MIT Press, 28 Carleton St., Cambridge, Mass. 02142 U.S.A. 100 pages, \$12.00