

EPILEPSY at the Cutting Edge

A SYMPOSIUM TO HONOUR FRED AND EVA ANDERMANN

MONTREAL NEUROLOGICAL INSTITUTE AND HOSPITAL
MCGILL UNIVERSITY, MONTREAL, QUEBEC, CANADA

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<http://apps.mni.mcgill.ca/andermann>

Contact *Ms. Deborah Rashcovsky*
deborah.rashcovsky@mcgill.ca
telephone: 1 514 398 6047

Organized by *David Colman, PhD, Director, Montreal Neurological Institute*
François Dubeau, MD, Associate Professor
Jean Gotman, PhD, Professor



(The program will be in English)

MALFORMATIONS OF CORTICAL DEVELOPMENT

GENETICS

*Chairs: M.M. Guerreiro (Campinas)
H.J. Meencke (Berlin)*

W.B. Dobyns, Chicago

Lissencephaly, pachygyria & double cortex syndrome

R. Guerrini, Florence

Polymicrogyria & nodular heterotopia: clinical patterns and genetics

C.A. Walsh, Boston

Brain development: what have clinical & genetic studies taught us?

CLASSIFICATION & DIAGNOSIS

*Chairs: R.I. Kuzniecky (New York)
A. Arzimanoglou (Lyon)*

A.J. Barkovich, San Francisco

Challenges in radiological identification

A. Palmini, Porto Alegre

Electrophysiology of the focal cortical dysplasias

P.B. Crino, Philadelphia

Pathophysiology of Tuberous Sclerosis Complex

KEYNOTE ADDRESS

*Chairs: J. Aicardi (Paris)
S.D. Shorvon (London)*

S.F. Berkovic, Melbourne

Borderland of epilepsy: a clinical & molecular view 100 years on

GENERALIZED EPILEPSIES SYNDROMES

Chairs: M. Pandolfo (Bruxelles) and K. Laxer (San Francisco)

P. Cossette, Montreal

Channelopathies: JME

P. Genton, Marseille

Unverricht-Lundborg disease

I. Scheffer, Melbourne

Channelopathies: GEFS+ and SMEI

B. Abou-Khalil, Nashville

Febrile seizures & their relationship to later epilepsies

FOCAL EPILEPSIES

GENETICS

*Chairs: Y. Fukuyama (Tokyo) and
M. Shevell (Montreal)*

A. Gambardella, Catanzaro

Benign temporal lobe epilepsy

I. Lopes-Cendes, Campinas

Familial mesial temporal lobe epilepsy

P. Tinuper, Bologna

Familial frontal lobe epilepsy

IMAGING

*Chairs: D. Tampieri (Montreal) and
A. Bernasconi (Montreal)*

F. Cendes, Campinas

Quantitative MRI techniques in temporal lobe epilepsy

G.D. Jackson, Melbourne

New anatomical MRI techniques

J. Engel, Jr, Los Angeles

Functional imaging in epilepsy: neurotransmission and metabolism

SURGERY & OTHER APPROACHES

*Chairs: S. Moshé (New York) and
A. Cole (Cambridge)*

Y. Comair, Houston

Why does temporal lobectomy for mesial TLE sometimes fail?

N. Barbaro, San Francisco

Non-resective & less invasive surgical treatments.

R. Fisher, Palo Alto

Brain stimulation to prevent & stop seizures

ELECTROPHYSIOLOGY

*Chairs: P. Chauvel (Aix-Marseille) and
K. Silver (Chicago)*

F. Dubeau, Montreal

Understanding epileptogenicity of lesions with intracerebral EEG

P. Kahane, Grenoble

From epileptogenic lesion to epileptogenic network

J. Gotman, Montreal

High Frequency Oscillations (HFOs): The new EEG frontier?

H. Stefan, Erlangen

Co-registered EEG/Magnetoencephalography for source localisation

COGNITIVE STUDIES

*Chairs: O. Eeg-Olofsson (Uppsala) and
M. Jones-Gotman (Montreal)*

M.L. Smith, Toronto

Neuropsychological evaluation: children are not small adults

A.C. Jansen, Brussels

Cognitive deficits in MCDs & developmental speech disorders

G. Ojemann, Seattle

Cognitive mapping through electrophysiology

CATASTROPHIC EPILEPSIES

*Chairs: N. Fejerman (Buenos Aires) and
H. Oguni (Tokyo)*

E.A. Thiele, Cambridge

Managing epilepsy in Tuberous Sclerosis Complex

O. Dulac, Paris

Rasmussen's encephalitis: better medical and surgical guidelines

H.T. Chugani, Detroit

Medical and surgical management of infantile spasms

SPECIAL SESSIONS

L. Carmant, Montreal Epilepsy in Canada

A. Olivier, Montreal The Montreal Neurological Institute Surgical Tradition

W. Feindel, Montreal Historical Perspective

Fred and Eva Andermann Reflections

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