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THE  **ORGAN**

NO. 18 - April 2001

ELECTION 2001

MEMBERS MEET IN TAIPEI

FOR

BRAIN 01

As required by the By-laws, this issue contains -

- (1) Notice of the General Meeting of Members
- (2) Agenda for that meeting
- (3) Report of the Treasurer
- (4) Report of committee chairs
- (5) Election details

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Neurochem. **28**:897-916, 1977). The title emphasizes the intricacy of our research area and the diversity in background of the members of our Society. The short title of the Newsletter, (The Organ), is defined by the Oxford dictionary as a medium of communication.

REPORT OF PUBLICATIONS COMMITTEE-2001

The composition of the Publication Committee during the past year has remained the same, namely, L. Sokoloff (Chairman), R.S.J. Frackowiak, F. Gotoh, J.M. Hallenbeck, W.-D. Heiss, R.J. Traystman, and J. McCulloch (ex officio as Chief Editor of the Journal). J. McCulloch has remained as Editor-in-Chief. He has indicated a wish to retire at some time in the future, but with the unanimous approval of the Publication Committee he has agreed to have his term extended through 2003. Beginning with the biennial meeting of the Society in Taipei, June, 2001, efforts should be initiated to identify candidates to succeed him. The Deputy Chief Editors who served throughout 2000 and continue to serve in 2001 are U. Dirnagl, R. S. J. Frackowiak, K. Frey, and T. Kirino. D. Dewar and I. Macrae continue to serve as Associate Editors.

There have been substantial changes in the composition of the Editorial Board in keeping with our policy of maintaining its freshness by limiting the terms of service of the Editors to three year terms with the option, subject to mutual approval, of a second term in cases of exceptional service. New members of the Editorial Board in 2001 are F. C. Barone, G. J. del Zoppo, R. Graf, J. Holden, H. Kato, E. Lo, T. K. McIntosh, and P. Van Zijl. These replace the following departing members, F. M. Faraci, J.M. Hallenbeck, P. Herscovitch, I. Kanno, M. Kiessling, E. Pinard, and S. G. Waxman. We express our gratitude to all those who are departing for their past services.

In general, we believe that the Journal is in good hands and is operating well under the management of the Editor-in-Chief, his office, and the members of the Editorial Board. There are, however, problems, mainly in the coordination of our needs and wishes with the policies of the Publisher which is constantly being changed as a result of corporate mergers or outright purchases. The Journal's first publisher was Raven Press, which later became Lippincott Raven, and then Lippincott Williams and Wilkins, which is now a subsidiary of Wolters Kluwer. This means that we are often confronted with new personnel and corporate policies in our dealings with the publisher. Some of the issues that have been and/or under consideration are as follows:

1. Why it takes three months to process accepted manuscripts.
2. Late delivery of Journal issues.
3. Fulfillment of contractual obligation to provide copies of Journal to ISI.
4. Electronic publication of the Journal. This has been a large and difficult issue. Full implementation of this is behind schedule. The last three issues are, however, now available on-line at www.jcbfm.com, but there are questions about costs of making back issues available. There are also unresolved questions about the ownership of the electronic archive. Does the Society own it or the publisher? This is relevant to the question of whether the Society can take the electronic archive with it if decides to change publishers in 2005. Finally, we are still uncertain about financial implications of the electronic publication; the revenue projections provided by the publisher are still under debate. We hope that these issue will be better clarified by the time of the meeting in Taipei.

Louis Sokoloff, Chairman

REPORT OF MEMBERSHIP COMMITTEE-2001

Since June 1999, the Membership Committee has consisted of Iwao Kanno, Akita Research Institute of Brain and Blood Vessels, Akita, Japan; Costantino Iadecola, Department of Neurology, University of Minnesota; and Gitte Moos Knudsen, Department of Neurology, Rigshospitalet, Copenhagen, Denmark. From July 1999 to March 2001, 108 new applications were received, compared to 140 for the similar period for 1997-99 and 61 for 1995-1997. The average time interval

between arrival of an application and the final decision was 5.7 days (range 0-37). The majority of applications were processed through the use of e-mail transmissions from applicants and among committee members since it now has become possible to apply through a membership application form available at <http://www.cbfm.org/signup.html>.

Gitte Moos Knudsen, Chair

TREASURER'S REPORT FOR 2000

JANUARY 2000 - Balance brought forward:

Ordinary deposit	\$77,668.68
Time deposit	966,832.41
Loan to Brain 2001	30,000.00
Advance to Editor	4,519.69
Total	<u>\$1,079,020.78</u>

INCOME

Interest income	\$5,688.40
Membership dues	6,885.00
Journal profit	149,900.00
Donation from profits/Brain97&99	19,212.90
Donation from summer school profits	15,237.17
Raven deposits	37,130.00

EXPENSES

Summer school	\$30,000.00
Symposium Marburg 2000	15,000.00
Postage & bank expense	886.18
Editorial office expenses	43,566.03
Accountancy fees	2,400.02
Audit fees	1,311.01
Honorarium payment	17,000.00
Secretary's office expense	10,762.01
Capital depreciation	1,184.86
Currency difference over...	8802.11

Totals \$234,053.47

\$130,912.22

Profit

\$103,141.25

DECEMBER 2000 - Balance carried forward:

Ordinary deposit	\$24,830.34
Time deposit	1,123,097.69
Loan to Brain 2001	30,000.00
Advance to Editor	4,234.00
Total assets	<u>\$1,182,162.03</u>

BRAIN 2003

Calgary Telus Convention Centre

June 29-July 5, 2003

For future mailings please provide name and address to:
Roland Auer, 3330 Hospital Drive NW, University of Calgary
Calgary, Alberta, Canada, T2N 4N1, Telephone: (403) 220-6887

FAX: (403) 220-7054, E-mail: rauer@ucalgary.ca

OFFICERS AND DIRECTORS (1999 - 2001)

PRESIDENT:	O. PAULSON	
PAST PRESIDENT:	M. REIVICH	
PRESIDENT ELECT:	M. MOSKOWITZ	
SECRETARY:	A.L. BETZ	
TREASURER:	E. MACKENZIE	
CHAIR, PROGRAM COMMITTEE:	A. STRONG	
EDITOR:	J. MCCULLOCH	
DIRECTORS:	C. IADECOLA* J. GREENBERG* U. DIRNAGL* K. ABE* I. KANNO* T. ASANO*	D. CHOI S. WARACH T. YOSHIMINE P. FOX P. MAGISTRETTI H. KATO

*Denotes Directors who will complete their present term on the Board in June 2001.

ELECTION 2001: BIOGRAPHIES OF THE CANDIDATES

JUNIOR AND EMERITUS MEMBERS ARE NOT ENTITLED TO VOTE AND WILL NOT RECEIVE A BALLOT FORM WITH THIS ISSUE OF THE ORGAN.

PRESIDENT-ELECT (to assume presidency in 2001)

Iwao Kanno is 54 years of age and is currently Associate Director of Research at the Akita Research Institute of Brain and Blood Vessels in Akita, Japan. He has been a member of the Society for 20 years and was previously a member of the Board of Directors of ISCBFM. He was a member of the Program Committee for Brain '99. His major interests include analysis and understanding of the mechanism of neurovascular interaction in neuronal activation through neuroimaging. In particular, he has focused on methods for quantifying cerebral blood flow and metabolism with PET.

Anthony Strong is 59 years of age, and is Professor of Neurosurgery in King's College London, and Consultant Neurosurgeon at King's College Hospital London. He has previously been a member of the Board of Directors of ISCBFM. He was a member of the Program Committee for Brain'99 and is Chairman of the Program Committee for Brain '01. He has for several years pursued an experimental research interest in the properties of ischaemic penumbra, particularly in relation to peri-infarct depolarisations, and his clinical neurosurgical work has focused on vascular neurosurgery, the surgery of the skull base, and neuronavigation methods. His experimental stroke work has recently extended to involve both *in vitro* work, and pathophysiological studies in patients with acute vascular and traumatic brain injury, using both MR imaging and ICU-based monitoring methods.

SECRETARY

Gitte Moos Knudsen, M.D., is 42 years of age and currently Professor of Neurobiology and Consultant at the Department of Neurology at Rigshospitalet, Copenhagen University Hospital. She has been a member of the Society for more than 10 years, a member of the Board of Directors of ISCBFM from 1995-1999, and Chairman of the Membership Committee since 1999. Her main research interests include transport across the blood brain barrier, cerebral blood flow regulation and PET and SPECT studies of cerebral receptor systems.

Peter Herscovitch, M.D., is currently Chief of the Positron Emission Tomography Section at the Clinical Center, National Institutes of Health, Bethesda, MD, USA. His major research interests include the development and application of methods to study brain function with PET. He has been a Society member for 19 years, and has been Membership Chairman and a member of the BRAIN'01 Program Committee.

TREASURER

Kirk A. Frey, M.D., Ph.D. is a member of the Society and has served on the Editorial Board of the Journal of Cerebral Blood Flow and Metabolism since 1996. He is currently Professor of Radiology and Neurology and Senior Research Scientist in the Mental Health Research Institute at the University of Michigan. His major research interests are in the neurochemistry of neurodegenerative disorders and in the development and application of new chemical imaging techniques to studies in dementia and extrapyramidal movement disorders. He is Director of PET Neuropharmacology and has been focusing recently on the neurobiology and imaging of vesicular neurotransmitter transporters as markers of cholinergic and dopaminergic projections.

Wolfgang Kuschinsky is 57 years of age and currently Professor and Chairman at the Department of Physiology and Pathophysiology, University of Heidelberg, Germany. His present research interests are capillary perfusion and glucose transporters in the brain. He has served as director of the Society 1985 - 1989 and 1993 - 1997.

BOARD OF DIRECTORS (to serve 2001-2005; vote for a maximum of 6 candidates)

Adriaan A. Lammertsma, Ph.D. is 49 years of age. He is currently Professor of Medical Physics and Positron Emission Tomography, and Head of the PET Centre (clinical and experimental) of the Vrije Universiteit, Amsterdam. He has been a member of the Society for some 15 years and is currently a member of the Editorial Board of the Journal. His research interests include tracer kinetic modeling, quantification of cerebral blood flow, metabolism and receptor systems using PET, and development of small animal PET as a neuroscientific research tool.

Nominators: Herscovitch, Strong, Blasberg, Frey, Carson, Sokoloff

Wulf Paschen is 57 years of age and is currently Professor of Neurochemistry at the Department of Experimental Neurology, Max-Planck-Institute for Neurological Research in Cologne, Germany. He has been a member of the Society for 13 years. His major research interests include biochemical and molecularbiological aspects of ischemic cell injury with special interest in the mechanisms underlying the suppression of protein synthesis.

Nominators: Hossman, Heiss, Herholz, Mies, Kuroiwa, Schmidt

Fumihiko Sakai is 56 years of age and is currently Professor and Chairman of Neurology, Kitasato University in Japan. He has been a member of the Society for 25 years. His major research interests include cerebral blood flow regulation and the mechanism of vascular headache.

Nominators: Tomita, Gotoh, Fukuuchi, Tanahashi, Tanaka, Suzuki, Araki

Michio Senda is 45 years old and has recently moved from the Positron Medical Center in Tokyo Metropolitan Institute of Gerontology to Image-based Medicine in the Institute of Biomedical Research and Innovation, Kobe, Japan. He has been a member of the Society for 10 years. His major research interests cover all neurological/neurosurgical aspects of PET including tracer kinetics, image analysis and basic neuroscience.

Nominators: Kanno, Hashikawa, Sadato, Fukuyama, Nariai, Yonekura, Herscovitch

Professor Hiroyuki Kinouchi is a 42 year old neurosurgeon, and was recently promoted to Associate Professor of Neurosurgery, Akita University School of Medicine from Tohoku University (Sendai). He started his research as a post doctoral fellow under the direction of Professor Pak H. Chan. He has published many papers concerning the molecular mechanism of neuronal damage following brain injury, especially cerebral ischemia, in JCBFM and has attended every meeting since 1987. At the 16th Symposium in Sendai 1993, he contributed to the Society on the local organizing committee.

Nominators: Abe, Kogure, Asnano, Kirino, Kanno, Hayashi, Ibayashi

Pak H. Chan is 58 years of age and is currently Professor, Department of Neurosurgery, Department of Neurology and Neurological Sciences and Faculty of the Program for Neuroscience and Director of Research, Department of Neurosurgery at Stanford University School of Medicine. His major research interests include cellular and molecular mechanisms of cell death and repair of CNS injury, with a focus on the role of oxidative stress using transgenic/knockout strategies. He has been a member of the Society since 1989 and has served on the Faculty of "Summer School'98."

Nominators: Hsu, Greenberg, Finkelstein, Hallenbeck, Iadecola, Sharp, Ginsberg, Steinberg

I. Mhairi Macrae is 44 years old and a Reader in Neuroscience at the Wellcome Surgical Institute, University of Glasgow. She has expertise in the development of animal models of experimental stroke and in the measurement of CBF and ischaemic damage. Her research has included studies of CBF, brain metabolism, cerebral autoregulation, oxidative stress, inflammation and stroke sensitivity genes. Dr. Macrae has a particular interest in neuroprotection strategies in focal cerebral ischaemia which has included studies on glutamate antagonists and anti-oxidants. She was Review Editor for Cerebrovascular and Brain Metabolism Reviews (1991-1996), J CBF & Metabolism (1997) and has been Associate Editor of J CBF & Metabolism since 1998. Dr. Macrae has been a member of the Society since 1991.

Nominators: McCulloch, Abe, Strong, Tamura, Trayt sman, MacKenzie

Frank A. Welsh is 57 years of age and is currently Professor of Biochemistry in the Department of Neurosurgery in the University of Pennsylvania School of Medicine. He has been a member of the Society since its inception and has attended all of its international meetings, beginning in 1975. His major research interests include the molecular biology of ischemic brain damage and the molecular mechanisms of induced tolerance to ischemia.

Nominators: Greenberg, Betz, Diemel, Reivich, Lust, Kurth, Nedergaard

Martin Lauritzen is 48 years of age and is currently Professor and Head of Department of Clinical Neurophysiology, University of Copenhagen and Glostrup Hospital. His major research interests include mechanisms of coupling of cerebral blood flow and neuronal activity, and cortical spreading

depression as a mechanism of acute neurological disorders. Dr. Lauritzin was a founding member of the Society. His membership was interrupted during his clinical training, but he has been an Ordinary Member for the past 10 year.

Nominators: Knudsen, Paulson, Magistretti, Herscovitch, Dirnagl, Strong

Shinn-Zong Lin, 46 years old, is an attending neurosurgeon and Associate Professor at the Department of Surgery, National Defense Medical Center, Taipei, Taiwan. His major research interests are: changes in regional blood flow before and after hemodilution in normal and hypertensive rats; neural transplantation in Parkinson's disease; middle cerebral artery occlusion animal models in the study of neuroprotection in glial cell line-derived neurotrophic factor protecting the cerebral cortex against ischemia induced injury. Currently, he is studying various neurotrophic factors in ischemic animal models. Dr. Lin has been a member of the Society sine 1987.

Nominators: Betz, Paulson, Tomita, Fenstermacher, Herscovitch

Yasuo Katayama is 52 years old, and serving the Chairman of Second Department of Internal Medicine and Professor of Neurology of Nippon Medical School at Tokyo. Since Prof. Katayama first attended the 9th International Symposium of CBF&M in 1979, he and large numbers of his coworkers actively continued to present their papers related to ischemic cell damage and its protection in the meetings, and contributed the ISCBFM with many published papers on this field. He has been one of the most active and important members of the ISCBFM Society in Japan.

Nominators: Abe, Kogure, Asano, Kirino, Kanno Hayashi, Ibayahshi

Matthias Endres, 31 years old, is currently at the Department of Neurology and Experimental Neurology, Humboldt-University of Berlin, Germany. He has been a member of the Society for 5 years. His major research interests are molecular pathways in the pathophysiology of cerebral ischemia, in particular apoptotic mechanisms, DNA damage and the role of nitric oxide.

Nominators: Moskowitz, Dirnagl, Lindauer, Schroeck, Duschinski, Dreier

Continuing Officers and Directors

Name	Field of Expertise	Year of birth	Sex	Country
Olaf B. Paulson President, becoming Past President	<u>Olaf B. Paulson's</u> current research interests are physiology of cerebral circulation, metabolism and blood-brain barrier, PET investigation.	1940	M	Denmark
Michael A. Moskowitz President-elect	<u>Michael A. Moskowitz</u> , M.D. is currently Professor of Neurology at Harvard Medical School and member of the faculty of the Harvard-MIT Division of Health Sciences and Technology. His major research interests include molecular aspects of ischemic injury (caspases and programmed cell death), ischemic drug discovery and migraine pathophysiology and treatment.	1942	M	USA
Dennis W. Choi Director Term will end June 2003	<u>Dennis W. Choi</u> is 47 years of age and is currently Professor and Head of the Department of Neurology at Washington University in St. Louis. His major Research interest is ischemic and traumatic central nervous system injury, focusing on underlying mechanisms and especially the contribution of transmitter and modulator signaling pathways.	1953	M	USA
Steven J. Warach Director Term will end June 2003	<u>Steven Warach</u> is currently Chief of the Section of Stroke Diagnostics and Therapeutics in the Stroke Branch of the National Institute Neurological Disorders and Stroke at the National Institutes of Health. His major research interests include using physiological imaging techniques, particularly diffusion and perfusion MRI, as tools for patient management, drug development and pathophysiologic investigations of acute human stroke. Other research interests include functional neuroimaging.	1954	M	USA
T. Yoshimine Director Term will end June 2003	<u>Toshiki Yoshimine</u> is a neurosurgeon, currently Professor and Chairman of Department of Neurosurgery at Osaka University Medical School. His major research interests are mechanism of ischemic brain damage and functional brain mapping with magnetoencephalography (MEG). The goals of his research are brain protection against ischemic insult and minimally invasive but maximally effective brain surgery.	1951	M	Japan
Peter T. Fox Director Term will end June 2003	<u>Peter T. Fox</u> , 47 years old, is Director of the Research Imaging Center and Professor of Medicine (Neurology), Psychiatry, Physiology and Radiology at the University of Texas Health Science Center at San Antonio. Research targets mapping and modeling of cognitive systems in both normal and patient populations using non-invasive imaging methods. Fox is editor-in-chief of the journal Human Brain Mapping.	1952	M	USA
Pierre Magistretti Director Term will end June 2003	<u>Pierre Magistretti</u> is 48 years of age and is currently Professor of Physiology at the University of Lausanne Medical School and Director of the Research Laboratory of the Department of Neurology. He is the President-Elect (2002 – 2004) of the Federation of European Neuroscience Societies. His major research interests include brain energy metabolism regulation at the cellular and molecular levels. His particular interests are neuron glia metabolic interactions and the origin of the signals detected by functional brain imaging.	1953	M	Switzerland
Hiroyuki Kato Director Term will end June 2003	<u>Hiroyuki Kato</u> , 44 years old, is a neurologist and currently Associate Professor of the Department of Neuroendovascular Therapy, Field of Neuroscience, Tohoku University Graduate School of Medicine, Sendai, Japan. His major research interest is experimental brain and spinal cord ischemia. The goal of his research is to elucidate the mechanisms of ischemia-induced neuronal damage and to develop a strategy for neuroprotection.	1956	M	Japan

Brain'01/BrainPET'01

Taipei International Convention Center

June 9-13, 2001

The 2nd announcement, including a list of scientific topics, abstract forms and hotel reservation forms was sent out in May 2000. The deadline for the receipt of abstracts was December 1, 2000 and the early registration deadline is March 31, 2001. For more information see the Brain'01/BrainPET'01 webpage at: **<http://www.brain01.org>**. Please address requests for information to:

Brain'01 & BrainPET'01

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Program at a Glance

Brain'01 & BrainPET'01

	June 9 Saturday	June 10 Sunday	June 11 Monday	June 12 Tuesday	June 13 Wednesday	
07:30-08:00						
08:00-08:30		Poster set up				
08:30-09:00						
09:00-09:30	Registration & Satellite Symposium 09:00-17:00	Opening Ceremony	Platform Presentations	The Brain'01 Plenary Session	Platform Presentations	
09:30-10:00		Coffee Break	Coffee Break		Coffee Break	
10:00-10:30		Platform Presentations	Platform Presentations	General Assembly	Platform Presentations	
10:30-11:00					Poster Presentations	
11:00-11:30		Directors Meeting	Platform Presentations	Poster Presentations	Lunch/ Directors Meeting	Poster Presentations
11:30-12:00						
12:00-12:30			Poster Presentations	Poster Presentations	Poster Presentations	
12:30-13:00	Coffee Break		Coffee Break	Coffee Break		
13:00-13:30	2 Brain'01 Symposia BrainPET'01 Platform Sessions		2 Brain'01 Symposia BrainPET'01 Symposium	Congress Tour	3 Brain'01 Symposia	
13:30-14:00						
14:00-14:30						
14:30-15:00						
15:00-15:30						
15:30-16:00						
16:00-16:30						
16:30-17:00						
17:00-18:00		Free Poster Viewing Time	Free Poster Viewing Time			
18:00-21:00	Welcome Reception	Welcome Dinner Party	Free	Flying Lantern Party	Congress Banquet	

**GENERAL MEETING OF MEMBERS
OF
THE INTERNATIONAL SOCIETY
FOR CEREBRAL BLOOD
FLOW AND METABOLISM**

will be held in the

Taipei International Convention Center

Tuesday, June 12, 2001

at

11:00 A.M.-12:00 NOON

AGENDA

1. Minutes of the General Meeting held in Copenhagen on June 16, 1999.
2. Matters arising from the minutes.
3. Report of the Secretary, including elections results. (Dr. Betz)
4. Report of the Treasurer. (Dr. MacKenzie)
5. Report of the Chairman of the Program Committee. (Dr. Strong)
6. Report of the Chairman of the Publications Committee. (Dr. Sokoloff)
7. Report of the Editor of the Journal of Cerebral Blood Flow and Metabolism. (Dr. McCulloch)
8. Report of the Chairman of the Membership Committee. (Dr. Knudsen)
9. Presidential address. (Dr. Paulson)
10. New business
11. Concluding comments by the new President. (Dr. Moskowitz)
12. Vote to hold next General Meeting in 2003.

13. Adjournment