

# WORLD NEUROLOGY

THE NEWSLETTER OF THE WORLD FEDERATION OF NEUROLOGY

VOLUME 14, NUMBER 1, OCTOBER 1999

## RECORD ATTENDANCE EXPECTED AT WORLD CONGRESS 2001 IN LONDON

### Attractive Main Themes Chosen

- Stroke (chosen by Association of British Neurologists as host Society)
- Multiple sclerosis (chosen by European Federation of Neurological Societies as joint sponsors)
- Epilepsy
- Neuromuscular Diseases
- Dementia

The last three main themes were chosen by the Council of Delegates at the London meeting in June 1999. Movement Disorders, the fifth topic originally proposed, lost out to the democratic process and was replaced by Neuromuscular Diseases. Delegates also accepted the exclusion of Headache as a main theme because it had featured at the last World Congress.

London, the venue for the 2001 World Congress, offers innumerable attractions. One of the world's largest, most historic cities, easily accessible from all parts of the globe, London provides a touch of royalty, ancient sites of interest and most modern tourist attractions. The



London: Big Ben and the Houses of Parliament

Association of British Neurologists, as host society, has plans to make your visit to London a memorable one. A record number of delegates and accompanying persons is expected to attend this first World Congress of the new millennium, marking out neurology as one of the fast-

est growing modern-day specialities. For the very first time, the European Federation of Neurological Societies (EFNS) is joining as partners with the WFN to sponsor a World Congress.

## WFN STRATEGIC PLANNING FOR NEXT MILLENNIUM

In June, over forty neurologists associated with the WFN assembled at a hotel near St Albans on the outskirts of London – Sopwell House – for the first WFN long-range Strategic Planning Meeting. Participants included members of the Management Committee, National Delegates, Standing Committee Chairmen and

members, and members of the Research Committee.

Over two full days, there were discussions and break-out groups on topics such as proposals for organising future World Congresses, public relations, education, constitutional, legal and financial

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### ALSO IN THIS ISSUE:

- WFN Strategic Planning
- New Management for WFN
- WFN Annual Report for 1998
- WFN Junior Travelling Fellowships - Reports
  - WFN News
  - Book Reviews
  - Meetings Calendar

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*World Neurology*, ISSN 0899-9465, is published by Elsevier Science BV, Molenwerf 1, 1014 AG

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**REPRINTS**

Reprint requests and all correspondence regarding the journal should be addressed to the Editor. However, back issues of *World Neurology* can be obtained from the publisher.

**CHANGE OF ADDRESS**

Notice of change of address should be sent to: *World Neurology*, Editorial Secretariat, 12 Chandos Street, London W1M 9DE, UK.

Printed by Chandika Press Ltd., Key Dee Associates, 126 Industrial Area Phase 1, Chandigarh 160002, India.

## WORLD NEUROLOGY UNDER NEW MANAGEMENT



Dr. Jagjit S. Chopra, Editor-in-Chief  
of *World Neurology*

To celebrate the end of one and the beginning of a new millennium, the officers of the World Federation of Neurology proudly present the inaugural issue of the reformatted newsletter under the Editorship of Jagjit S. Chopra. Not only will we redesign the newsletter but, based upon the recommendations of the readership and external advisors, we will change its content to make it a news medium for neurologists at all levels. In order to implement this, we have appointed regional editors to gather and distribute news of global interest. We serve a membership of over 22,000 from 84 countries, in which approximately 46 different languages are used. We have chosen English as the means of international communication but, in the future, we will consider other languages, depending upon the interest of the readership and the practicality of distributing in one or more languages.

Because of the enlightened negotiations conducted by the WFN Publications Committee Chair, Dr. Robert Daroff, and Dr. Tatjana Fischer-Driessen for Elsevier, Dr. Chopra will print and distribute the 1999 issue of India at great savings to our organization, while ensuring the same quality that it has had under its previous editors and publishers. We are delighted that Elsevier has contracted with the World Federation of Neurology to produce our newsletter and to solicit appropriate advertisements with which to help defray the costs of publication. At



Dr. James F. Toole, President WFN

the same time, they are producing, with us, a website – Webmaster B. Todd Troost – which will over time reach other markets, augmenting and supplementing the printed medium.

The World Federation of Neurology is now truly global. The print and electronic media give us a global communication network with which we will carry out our responsibilities for health care delivery for the prevention of neurological disorders and for the distribution of information regarding these, working in cooperation with other international organizations, particularly the World Health Organization.

Furthermore, for those countries which have active research programs, we will work to foster and accelerate research designed to improve health care and prevention of disease through rapid communication networks designed to be global, so that those who perform research will be in continuing communication with those who apply it. We shall also make efforts that *World Neurology* also becomes an organ for dissemination of latest therapeutic advances, recommendations of various Research Groups, investigative methodologies and management of various neurological diseases. It is aimed that our readers should be able to get such information from *World Neurology* particularly for those practicing in developing countries who are deprived of subscribing for the

### A Personal Note...

I am extremely grateful to the Publications Committee of WFN for having chosen me as Editor-in-Chief. I also thank the Management Committee and Council of Delegates for their approval of the decision of the Publications Committee. I shall try my best to discharge my duties and responsibilities as per expectations of the readers. I do have a request for all of you. Please send me your valuable suggestions for the improvement of *World Neurology*. I also request you to send me short write ups on the most burning topics of the day of not more than 1200 words. I promise to publish the same in *World Neurology* if found suitable.

You have all supported the past Editors of *World Neurology* who did a splendid job. I request a similar cooperation from all of you since only jointly can we reach our common goal of service to mankind.

Lastly my wife Amar and myself wish all the readers and their families a happy, healthy and prosperous entry in to the new millennium.

Jagjit Chopra

neuro journals because of the prohibitive cost of such journals for them.

Lastly, we will increase the visibility of neurologists worldwide, so that in countries where there are few neurologists, they will have a powerful support mechanism for developing a sense of community and a responsibility for increasing their numbers, in order to produce more effective health care for patients suffering with diseases of the nervous system. It is hoped that with the co-operation and coordination of national neuro societies / association WFN will achieve its goal of eradication of some neurodiseases and containing the others by advocacy of genetic counselling, gene therapy and by taking preventive measures.

Jagjit S. Chopra

James F. Toole

*continued from page 1*

matters, World Neurology, and development of a WFN website. The aim – successfully achieved – was to produce a report outlining wide-ranging recommendations for the WFN's future mission. Under three broad categories – Mission, Organisation/Constitution and Strategic Goals/Directions – the group set out its proposals, laying particular emphasis on the primary purpose of improving people's health by focusing on standards, education, and research.

The report was presented to the Council of Delegates at their London meeting, and is reproduced below. Comments and suggestions are invited and may be sent to the London secretariat office.

## Recommendations of the Ad-hoc Strategic Planning Group

June 1999, Sopwell House Hotel, St. Albans

### 1. MISSION

That the mission of the WFN be changed to read:

- To improve human health worldwide by promoting prevention and the care of persons with disorders of the nervous system by:
  1. Fostering the best standards of neurological practice;
  2. Educating, in collaboration with neuroscience and other international public and private organisations; and
  3. Facilitating research through its Research Groups and other means.



*First-class facilities at Sopwell House Hotel.*

The proposed mission statement emphasises the primary purpose of improving the health of people and it focuses on standards, education, and research.

### 2. ORGANISATION/ CONSTITUTION

The Ad-hoc Strategic Planning Group recommends that:

1. The WFN be governed by a Board of Directors to include a President, Vice-President, Secretary-Treasurer General, Research Committee Chair, and three Directors-at-large, all elected by the Council of Delegates from nominations proposed either by the Nominating Committee or by 5 members of the Council of Delegates with sufficient

advance notice, and the 5 regional Presidents;

2. The terms of office generally be four years;
3. A Management Committee of officers exists for immediate decision-making;
4. Countries continue to be members (with some exceptions as approved by the Directors) with Delegates elected/ chosen by the National Neurological Societies;
5. Standing Committees of the Directors (e.g. Finance, Bye-Laws, Research, etc.) and operating committees (e.g., Education, Public Relations, Publications, etc.) be appointed by the President with the approval of the Directors.

### 3. STRATEGIC GOALS/ DIRECTIONS

#### 1. Research

That research groups continue to play a central role in WFN activities, and:

- a. That the current separate Research Committee Statutes be abolished and Research be made a Standing Committee of the WFN;
- b. That standards for recognition as a Research Group be established;
- c. That the activities of the Research Groups be more fully integrated into the WFN and its conferences;
- d. That the WFN support the implementation of Research Group programmes through loans where possible.

#### 2. Education

That the aim of WFN's educational activities be to improve neurological health particularly among vulnerable populations, and that:



*Participants at the Strategic Planning Meeting assemble for a group photograph.*

- a. Local experts, including community health workers, be utilised in the development and conduct of educational programmes;
- b. Educational programmes be focused on priority health problems that have been identified;
- c. Wherever possible, educational programmes should employ collaboration with other organisations, including the WHO.

### 3. Regional and sub-regional meetings

That the WFN continue to sponsor meetings of regional and sub-regional groups, and that:

- a. The official language of the meetings be stated in advance;
- b. A list of prospective speakers be given to the conference organiser by WFN and be made available prior to the meeting;
- c. Speakers fully acknowledge any external support or conflict of interest;
- d. Attendance at some meetings for trainees be subsidised by the WFN;
- e. Emphasis be placed on the presentation of standards of care of patients.

### 4. World Congresses

It is recommended that:

- a. The decision on venue be made at least six years in advance of the meeting;
- b. The deadline for bids be at least seven years in advance of the meeting;
- c. The WFN use a professional conference organiser every four years on a renewable contract basis, and that this be done in concert with the local neurological society and regional neurological organisation, and that a locally-chosen professional conference organiser be employed if desired.
- d. The local organising society be responsible for local conference arrangements;
- e. The WFN take profits commensurate with its risk, e.g. 65% of the "profits" and 65% of the risk;

- f. The Scientific Programme Committee should be a co-operative venture between the WFN Research Committee and the local Programme Organising Committee;
- g. Satellite meetings before, during and after the conference be listed in the programme and an appropriate fee be paid if so listed.

### 5. Public Relations

That the WFN work to increase the visibility and credibility of the WFN among:

- a. Neurologists, through its publications, surveys, the web site, endorsement and dissemination of guidelines for prevention and treatment, and improved contact and shared common goals with national, regional and international neurological organisations;
- b. Other health professionals, through co-operation with other medical specialty organisations and primary healthcare groups;
- c. The general public through annual campaigns aimed at specific neurological conditions, and improved contact with national and international public and private organisations;
- d. International organisations, by serving as a data resource.

Further, the Strategic Planning Group recommends that fund-raising should, as a rule, be project-specific and include meetings, publications, education programmes and information services.

### 6. Web Site

That the WFN web site be developed and expanded as rapidly as possible and include extensive links to other sources of neurological information.

### 7. World Neurology

That World Neurology be more educational in emphasis and that:

- a. It continue to be published at least quarterly;
- b. Its content include:
  - WFN organisational information

- Reports from the Research Groups
  - A topic, disease or condition of the year, supplemented by quarterly discussions of that topic
  - Useful guidelines regarding therapies and research topics
  - Web site information
  - Correspondence;
- c. It be financed through advertising and corporate acknowledgements in the publication and on the web site;
  - d. The Editorial Board include the Regional Presidents or their nominees and representation from the Board of Directors;
  - e. Regional Presidents be requested to provide information to the publication on a quarterly basis.

### 8. WHO

That the WFN increase its contact and influence with WHO by:

- a. Working with WHO to advance public health aspects of neurology;
- b. Supplying materials and guidelines, from a variety of sources, that can be used by WHO and distributed worldwide;
- c. Working to increase the distinctiveness of neurology at WHO;
- d. Identifying and bringing into relationship NGOs related to neurology that are not now part of, or recognized by, WHO;
- e. Reviewing for possible endorsement or comment WHO guidelines related to neurology.

### 9. Financial Resources

All of the above is dependent on adequate financial resources. The WFN should establish a process that works to significantly strengthen its financial position and that this goal be given a high priority.

### 4. UNRESOLVED ISSUES

1. Should there be a WHO position representing neurology funded by WFN?
2. Should there be a new WFN umbrella conference organising committee?

## WFN ANNUAL REPORT FOR THE YEAR ENDED 31<sup>ST</sup> DECEMBER 1998

Registered charity no. 1051197

Registered Office: 12 Chandos Street, London W1M 9DE, U.K.

Bankers: National Westminster Bank plc

Auditors: MacIntyre Hudson

Solicitors: Hunters

The World Federation of Neurology became a charitable institution on 4th December 1995. It was incorporated under UK law, as a company limited by guarantee, on 30th January 1998, with a view to the new, incorporated body taking over

the assets and liabilities of the WFN on a date to be determined.

Donations should be sent to the Secretary-Treasurer General at the Registered Office. Cheques should be made payable to 'The World Federation of Neurology'.

## MANAGEMENT COMMITTEE

The members of the Management Committee during the year were:

*President:* Dr James F. Toole

*First Vice-President:* Dr Jun Kimura

*Chairman of Research Committee:* Dr Theodore L. Munsat

*Secretary-Treasurer General:* Dr Frank Clifford Rose

Dr Clifford Rose retired on 31st December 1998 and was succeeded as Secretary-Treasurer General by Dr Richard Godwin-Austen.

## OBJECTS OF THE FEDERATION

The principal activity of the Federation in 1998, as in previous years, was the development of the basic and clinical neurosciences by:

- disseminating information and scientific knowledge in the neurosciences;
- stimulating, encouraging and developing programmes of clinical and basic neurological research throughout the world; and
- providing a means for a closer professional and personal appreciation of neurologists and neurological scientists throughout the world.

## Introduction

Henceforth, our Management Committee will submit an annual report to the membership, through the Council of Delegates, which is the WFN governing body with one councillor representing each member organization. The WFN draws its strength from these 84 national societies and corporate members who not only represent the interests of their organization but direct the WFN toward achievement of common international goals. Their decisions made at biennial Councils ensure that the global strength of the WFN is greater than the sum of its parts.

From these Delegates, the responsibility for continuing operation is delegated to the Management Committee which is elected every four years. Your representatives are: President, James Toole; First Vice-President, Jun Kimura; and Chair of the Research Committee, Theodore Munsat. Richard Godwin-Austen has been appointed to serve as Secretary-Treasurer. He, and the committees which I have nominated, will be voted upon by the Councillors in June 1999. These four, and Robert Lisak, Editor for the *Journal of the Neurological Sciences*, submit this report for 1998 to the membership.

The year has been one of great change for the WFN. What, in the past, has been a collegial group is soon to become a corporation with articles of incorporation as a charity. Because the World Federation of Neurology is an organization of national societies and corporate members, one of its major functions is to stimulate and coordinate education and research on an international basis into nervous system diseases utilizing its structure of Research Groups and educational committees.

Understanding the function and malfunction of the human brain and neuromuscular system is the frontier of biology. Knowledge of how they function is increasing and the ability to prevent and treat their diseases globally is a major task the WFN has undertaken in its relationship with the World Health Organization and international voluntary organizations. However, there remains a tremendous gap between what neurologists know about CNS health and disease and how this knowledge is applied to human illness. In order to augment its ability to impact this global problem, the WFN has established a permanent Secretariat, supervised by Richard Godwin-Austen. It is revising its Constitution and By-Laws in an effort ably chaired by First Vice-President Jun Kimura. The Research and Education Committee Chair, Theodore Munsat, reports progress in these fields. Secretary-Treasurer Richard Godwin-Austen regarding finance, and Editor Robert Lisak regarding the *Journal of the Neurological Sciences*. Their reports are included in this summary of WFN activities for 1998.

I have established *Ad Hoc* Committees to address areas which are of particular relevance to the future of neurology in general and the WFN in particular. These Committees are:

- Continuing Education
- Public Relations
- Standards for Neurologic Care and Technology
- Protocol and Parliamentary Procedure
- Disability in World Leaders

In future reports, I will delineate their charges, timetables, and progress toward completion of their tasks.

In order to make these large and diverse committees workable, we must use e-mail both for efficiency and cost. Without it, we cannot implement many programs. Consequently, I urge all who can to acquire this technology which has become so essential in our new age of global communication. Your management welcomes communications from any member of the WFN regarding how to make our organi-

zation more interactive and representative of the needs of our membership.

We are strengthening WFN ties with the World Health Organization. I invite lay and medical groups which have devoted themselves to neurological diseases to become corporate members of WFN if they have not yet done so. By so doing, the WFN would have increased influence within the World Health Organization.

I have great hope for developing several active WFN programs limited only by our budget and work force. Dr. Munsat is coordinating a strategic and long range planning conference for June 1999.

In order to implement the aforementioned programs, a full time administrator, Mr. Keith Newton, was employed to provide organizational skills and administrative strength to the Secretariat under the able supervision of Richard Godwin-Austen.

*James F. Toole, M.D.*  
President

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## President's Report

During this year of transition, I represented the association at the WHO meeting held in Geneva; lectured at the Brazilian Academy of Neurology in San Paulo; the Mexican Academy of Neurology in Cancun; the Critchley Memorial in the United Kingdom; the Congress on Cerebral Ischemia, Vascular Dementia, Epilepsy and CNS Injury in Washington, DC; and the European Federation of Neurological Societies in Sevilla and presided at the Management Committee meetings which have now been conducted on a monthly basis by teleconference. From this collective activity, I have initiated some innovations which are worthy of note.

1. Monthly teleconferences by the Management Committee.
2. Laying the structure for interaction with the Council of Delegates via e-mail which will be implemented in 1999.
3. Consideration of how best *World Neurology* can serve the membership.
4. Implementing a strategic planning conference in June 1999.

The role of Secretary-Treasurer is pivotal to the organization. This person shepherds the finances of the organization and is the custodian implementing the policies of the Management Committee with the judicious disbursement of our hard won funds. These capital reserves are deposited at attractive interest for operations and implementation of programs. However, in order to have a stable financial base, con-

sideration of other methods for augmentation of funds will be necessary.

Planning for WCN 2001 is well underway with a scientific committee from the United Kingdom. Planning meetings are held at frequent intervals and with input from the Association of British Neurologists, the WCN 2001 Planning Committee, and the Management Committee. The European Federation of Neurological Societies has generously contributed £30,000 for underwriting the Congress in return for a share of profits or loss. This is a major step forward and could be amplified by contributions from other major societies which would like to participate. The opportunity for investment for mutual advantage should be encouraged.

I congratulate both the World Health Organization and the American Academy of Neurology for successful passages through their 50th anniversaries. The success of the European Federation of Neurological Societies, founded in 1992, is to be emulated by other regional groups. Such consolidation will produce added strength and rapidity of communication for mutual advantage.

*James F. Toole, M.D.*  
President

## Report of the First Vice President and Chairman of the Constitution and Bye-Laws Committee

I am happy to make the first annual report of the First Vice President of the WFN, a position created anew at the last election. During the previous fiscal periods, the Chairman of the Research Committee held the office of the First Vice Presidency, serving dual functions, perhaps with excessive burden of responsibilities and commitment of time. When I took the office in January 1998, I was given the usual assignment to assist the President, representing him whenever he so wishes. In addition, I was asked to chair the Constitution and Bye-Laws Committee with the specific aims to update them so that they become compatible with the current policies and practices.

The Committee has decided to tackle this revision in two tiers. The first stage consisted of adding all the changes already approved by the Council of Delegates after the World Congress of Neurology held in India in 1989, when the last version of the Constitutions and Bye-Laws was printed. The second stage will be to make fur-

ther radical modifications to ensure that all our practices are fully compatible with our Articles of Association now that the WFN will be incorporated under UK law as a company limited by guarantee. Gathering the information for the first step has proved to be easier said than done, primarily because we had to locate specific wording of the modifications that have been scattered in different documents over the span of 10 years. Recent personnel changes within the organization and the relocation of the Secretariat have also made it difficult to pinpoint the exact source of information. With help from the members of the Executive Committee and Keith Newton at the London Office, however, we managed to collect all the papers pertinent for revision.

We have since completed the first stage of its review of the current status of the WFN, producing the updated documents. The first draft was circulated among the members of the Committee on August 3rd, 1998, followed by the second and the third drafts on September 15th and December 7th after appropriate amendments based on various suggestions received. With approval of the Executive Committee, the final version was forwarded to the Secretariat for printing. The document was then distributed among the Delegates of the WFN on January 6th, 1999 as the current policy in practice. As stated earlier, incorporated in this draft were all the revisions already approved by the Council of Delegates after 1990, when the last version was printed. Thus, this first stage of "revision" was simply a "catch-up" process to make the document consistent with the current rules under which we operate. We have incorporated no new changes except for the clauses necessary for the provisions with the Charity Commission. The references included: 1991, 1993, 1995, and 1997 Council of Delegates minutes, and Memorandum of Association and Articles of Association under the Companies Acts 1985 and 1989 of the United Kingdom.

Despite our registration as a charity and a company, the new corporate WFN has not yet got off the ground. The old (existing) WFN, governed by its Constitution, will be dissolved in due course. Until then, we remain as an unincorporated charity, and we are continuing to operate as the old WFN. Some of the changes already made in the Constitution and Bye-Laws anticipate the Federation's future status as a corporate charity. Further extensive revisions are necessary once the new status is officially established by a formal closure of the Federation's status as an unincorporated charity and a formal transfer of assets to our new incorporated charity. This formal transfer of our status will be done at the Council of Delegates meeting in London in June 1999. Anticipating all these changes, we have already begun our work on the second stage of revision in accordance with the specific charges from the President. We will propose further modifications to reflect present changes in policy and procedures and formulate our recommendations during the Committee meeting in June 1999. Needless-to-say, all changes will require the formal approval of the Council of Delegates. More importantly, we shall need to ensure that all our practices are fully compatible with our Articles of Association once the WFN is incorporated under UK law as a company limited by guarantee.

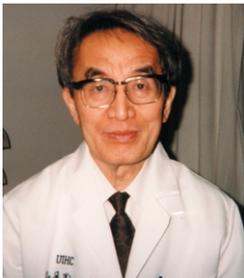
Although most of my time was spent on the revision of the Constitution and Bye-Laws, I have also attended several conferences on behalf of the WFN during this interim. These include Management Committee Meetings in Minnesota on April 28th, and in London on September 28th, IX International Congress on Neuromuscular Disorders in Adelaide on August 30th to September 4th, and the first Corporate Advisory Board Meeting in Seville on September 23rd. In addition, I participated in a monthly teleconference of the Management Committee. I was also scheduled to attend the Central American Congress of Neurology in Honduras on

## TOBACCO SMOKING AND STROKE – WFN CONCERN

World Federation of Neurology President, James Toole has written to Dr Gro Harlem Brundtland, Director General of the World Health Organization, to support WHO's Tobacco-Free Initiative and the actions the agency is taking to combat smoking and smoking-related diseases. On behalf of the 84 member countries representing 22,000 neurologists globally, Dr Toole conveyed WFN's recognition of smoking as an important factor in morbidity and mortality for stroke, the commonest cause of neurological disability in the elderly, and emphasised the wish of clinical neurologists and their colleagues to work with WHO to improve neurological health throughout the world.

November 4th–6th as an official representative of the WFN. Unfortunately, the Congress had to be cancelled as a result of Hurricane 'Mitch'. I was shocked by the disaster and saddened that Dr. Medina and his colleagues were forced to postpone the meeting after spending so much time and effort in preparation for what was destined to be a most successful meeting. I hope the best for their quick recovery from the damage and a future opportunity to reorganize the Congress in due course. I join the President of the WFN in his appeal for fund raising in support of our colleagues in Honduras.

In terms of budgetary matters, I have hired a private secretary in Japan, who spends about two hours a week or about 100 hours per year for WFN matters. Based on hourly payment of 1500 yen as salary (which is substantially below the average in Japan for those who can handle the English language) and incidental costs for faxes and mail, I estimate a yearly expense of 1000 pounds for our office. Accordingly, I requested this amount to be included in the next year's budget. As a new member of the WFN Management Committee, it has been a busy but rewarding year for me. After initial entry crisis, I feel more confident and comfortable with the job at hand. I look forward to completing our immediate task of revision of the Constitution and Bye-Laws, working closely with the members of the Committee, and to contributing in any other effort to advance the cause of the new corporate WFN.



*Jun Kimura, M.D.*  
First Vice President and Chair, Constitution and Bye-Laws Committee

## Report of the Secretary-Treasurer General

The close of 1998 marked the end of an era for the WFN as Dr Frank Clifford Rose stepped down from the position of Secretary-Treasurer General after 8 eventful and productive years, which saw our organisa-

tion flourish and its finances established on a healthy footing. It is now incumbent on us all to build on his and Lord Walton's work so that the Federation under its new office-holders may fulfil its objectives in the next millennium without jeopardising the resources that have been so carefully nurtured.

It is fitting that the first World Congress of that millennium will be held in London where the permanent secretariat has now been established in line with the recommendations of the Charities Aid Foundation as approved by the Council of Delegates. This will undoubtedly make for easier and closer co-operation between the WFN's new administration and the Association of British Neurologists as WCN host society in the run-up to 2001. We hope too that the Chandos Street office will be regarded as a truly international focal point for all WFN neurologists, wherever they may be located in the world, and that they will seek any assistance or advice they may need through the staff based there. Further developments that have also won the Council's formal approval, such as incorporation as an UK limited company, have begun to be implemented and will be completed by the end of 1999.

We therefore enter the last year of the old century with assets of almost £1m. The bulk of those funds have been invested by my predecessor at a favourable fixed rate of interest and will generate an annual sum that will go far towards meeting the running costs of our new administrative structure. Our regular sources of income have three main strands: investments, membership dues and royalties. Together they bring in approximately £150,000 per annum. In addition, we look to our flagship event, the World Congress, to generate a healthy surplus. The Buenos Aires meeting did exactly that and our Argentinean colleagues are to be congratulated on staging a truly memorable Congress, thereby contributing during the course of the year a further £82,000 towards central WFN funds to add to the £95,000 generated in 1997. Such an injection of revenue every four years or so is very welcome indeed, but we must of course exercise proper financial stewardship in between times and budget to live within our means.

I am honoured to be serving as Secretary-Treasurer General and I look forward to the challenge of helping steer the WFN in a positive direction over the next few years

for the betterment of neurology worldwide.



*Richard Godwin-Austen*  
Secretary-Treasurer General

## Report of the Chairman of the Research Committee

During 1998 the following Research Groups operated under the auspices of the WFN. Brief reports are included for those Groups that are currently most active and updated contact information listed, where known:

### **Aphasia and Cognitive Disorders RG** Secretary/Contact: Dr J R Hodges

*Sixty-two members. Meets every two years. Last meeting held in Prague, July 1998. Informational discussion group. Presently consulting the membership about two possible programs: (1) impact of illiteracy on cognitive assessment (2) development of universal instruments for assessing language and cognition.*

### **Ataxia RG** Secretary/Contact: Dr S H Subramony

*Two hundred members. Planning home page on web. Conducting an international survey on genetic laboratories and guidelines for DNA testing. Subcommittees on classification, genetic testing and neuropharmacology.*

### **Autonomic Disorders RG** Chair/President/Contact: Dr H C Kaufmann

### **Cerebral Palsy Prevention RG** Secretary/Contact: Dr M C O Bax

### **Cerebrospinal Fluid RG** Secretary/Contact: Prof C Sindic

*One hundred and twenty-five members. Recently completed a CSF workshop under the aegis of ECTRIMS. Internet discussion group being developed. Will be preparing a report about CSF analysis in clinical practice. Very successful workshop in Buenos Aires.*

### **Cerebrovascular Disease RG** Chair/President: Dr F Gotoh Contact: Prof G Lenzi

## EDUCATIONAL PROGRAMME IN NEUROUROLOGY

WFN has received an educational grant from Pfizer, Inc. to develop an educational programme in the field of neuro-urology aimed not only at clinical neurologists but also psychiatrists, neurosurgeons, physiatrists, physical therapists and nurses. Based on the American Academy of Neurology's *Continuum* course, the focus of the curriculum will be on the neuroanatomy and neurophysiology of bladder function and dysfunction; the impairment of sexual function as a consequence of spinal cord injury, multiple sclerosis, stroke, muscular dystrophy, Parkinson's Disease, and dementia; the surgical and pharmacological management of neurological bladder and erectile dysfunction. Dr Clare Fowler is chairing the faculty for the programme and course materials will be distributed to 100 international study groups convened by the WFN, each comprised of 20 neurologists, in countries with large concentrations of individuals working in the speciality.

### Clinical Neuropharmacology RG

Chair/President/Contact: Dr A Korczyn

*A new RG which will have its first meeting next spring in Croatia.*

### Dementia RG

Chair/President: Dr P Antuono  
Secretary/Contact: Dr F Boller

*An active RG. Developing a website. Executive Committee meets regularly. Several conferences have been held during the past year.*

### Extrapyramidal Disease RG (renamed Parkinsonism and Related Disorders)

Secretary/Contact: Dr M D Yahr

*Main emphasis is on Parkinson's Disease. Publishes a journal "Parkinsonism and Related Disorders" (Donald Calne, Ed.). This Research Group has an active conference schedule including the 13th International Symposium on Parkinson's Disease in July, 1999. Hold frequent critique sessions on new developments. Has a new website at [www.elsevier.com/locate/wfn-rged/](http://www.elsevier.com/locate/wfn-rged/).*

### History of Neurosciences RG

Secretary: Dr C Gardner-Thorpe  
Treasurer/Contact: Dr F Clifford Rose

*This RG has maintained an active program detailed in its regular Newsletter. Activities*

*include: organization of a formal program session at the EFNS meeting in Seville in 1998; attempts to co-ordinate, if not fuse, the European Club for the History of Neurology, this RG and the International Society for the History of Neurosciences; organization of a History of European Neurology program for the 4th EFNS Congress to be held in Lisbon this year; and a solicitation for new officers.*

### Intensive Care Neurology RG

Chair/President/Contact: Prof D F Hanley  
Secretary: Prof D W Krieger

### Medical Education RG

Chair/President/Secretary/Contact: Dr M Menken

*Has been incorporated into WFN Education Committee.*

### Migraine and Headache RG

Chair/President/Contact: Dr J K Campbell

*Fifty members. Major meetings this year in London (XII Migraine Trust International Symposium) and Washington (Consensus meeting on diagnosis and treatment). Taking part in a program to develop evidence-based treatment guidelines.*

### Motor Neuron Diseases RG

Chair/President/Contact: Prof M Swash

*Two hundred members. Recently completed update of international criteria for diagnosis and therapeutic trials for ALS. Has an active website ([www.wfnals.org](http://www.wfnals.org)). Will develop a new journal.*

### Multiple Sclerosis RG

Chair/President/Contact: Prof I W McDonald

*Co-ordinates with other international MS groups.*

### Neuroepidemiology RG

Chair/President/Contact: Dr M Alter  
Secretary: Dr K Kondo

*Eleven active members. Meets annually in conjunction with the annual AAN meeting. Sponsors the journal "Neuroepidemiology". Last scientific program was at the University of Minnesota. The next will be in Toronto in April, 1999. Collaborates with other related societies.*

### Neurogenetics RG

Secretary/Contact: Dr Eva Andermann

### Neuroimaging RG

Chair/President/Contact: Dr J C Masdeu  
Secretary: Prof F Gerstenbrand

*Sixty-eight members. Enlarging participation. Reorganizing activities under new leadership.*

### Neuroimmunology and Virology RG

Secretary/Contact: Prof R T Johnson

### Neuromuscular Disease RG

Chair/President/Contact: Prof P K Thomas  
Secretary: Dr L P Rowland

*One hundred and fifty members. Organized a*

*successful international congress in Adelaide, Australia in August 1998.*

### Neuro-Oncology RG

Secretary/Contact: Prof O Wiestler

### Neuro-Ophthalmology and Neuro-Otology RG

Chair/President/Contact: Prof J J Corbett

Secretary/Contact: Dr J A Sharpe

*Sixty members. Enlarging membership.*

### Neuropathology RG

Chair/Contact: Dr S Patt

Secretary/Contact: Prof A L Taratuto

*Eighteen members. The next meeting will be in May.*

### Neuroradiology RG

Chair/President/Secretary/Treasurer/Contact: Dr G Salamon

*Fifty members. Defined new neuroimaging tools. Produced special courses at Buenos Aires meeting. Coordinating work with neuropathologists.*

### Neuro-Rehabilitation and Restorative Neurology RG

Chair/President: Dr J Borg

Secretary/Contact: Dr Carolyn A Young

### Neurosonology RG

Chair/President: Dr G M Von Reutern

Secretary/Contact: Dr K Niederkorn

*Two hundred and sixty-nine members. Affiliated with "Journal of Neuroimaging". Regular newsletter. Has website ([www.sime.com/nsrg](http://www.sime.com/nsrg)). Next meeting in Taiwan in November, 1999.*

### Neurotoxicology RG

Chair/Contact: Prof R Feldman

### Organisation and Delivery RG

Chair/President/Contact: Prof B Barac

Secretary: Dr D C Bergen

*In process of reorganizing.*

### Pain RG

Chair/President/Contact: Dr J Boivie

Secretary: Dr R M Lawrence

### Space/Underwater Neurology RG

Secretary/Contact: Prof F Gerstenbrand

*Major meeting in Washington, May 1998.*

### Tropical Neurology (Europe) RG

Chair/President: Dr S M Al Deeb

Secretary/Contact: Dr R A Shakir

*Three major subdivisions of this active RG. Held a recent program in Martinique.*

## WFN Initiative Against Brain Diseases

Understanding the function and malfunction of the human brain remains the last frontier of biology. Quite apart from being extremely distressing for those affected and their families, brain disorders are also responsible for significant socio-econom-

ic disruption and loss. Despite the dramatic increase in our knowledge of brain functions and disorders over the past few decades, there remains a significant gap between what we know and its application to human illness.

The World Federation of Neurology (WFN), with its wide international network of experts is uniquely placed to launch an "INITIATIVE AGAINST BRAIN DISEASES". Planning has begun, along the following lines, with a view to a start being made to coincide with the beginning of the new Millennium:

1. The goals of the initiative will be
  - 1.1. *to apply existing knowledge* of brain function, malfunction and treatment to current specified disorders of the brain.
  - 1.2. *to stimulate new research* in the basic and applied neurosciences
  - 1.3. *to raise the public's awareness* of the importance of brain disorders.
2. The initiative will be an international effort utilizing the existing WFN Research Group structure to define the program specifics. The WFN Management Committee will set the priorities of the initiative, with an emphasis on programs of an international nature in developing areas.

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## Report of the Chairman of the Continuing Education Committee

Several applications were received during the course of the year from organisers of international meetings who wished to have formal WFN endorsement.

- 3rd International Congress of Tropical Neurology
- 5th Congress of the European Society for Clinical Neuropharmacology
- 10th Pan-American Congress of Neurology

This entitles them to include the following statement in their congress literature and publicity:

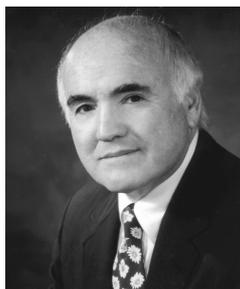
*This programme is endorsed by the World Federation of Neurology. Federation members and all interested neurologists are encouraged to attend.*

The WFN has recently begun a new educational program in conjunction with several national neurologic societies. This program, the "World Federation of Neurology Continuum Study Group", utilizes the American Academy of Neurology's successful continuing education courses. A pilot program in conjunction with the Bra-

zilian Association of Neurologists has proved to be very effective. Preliminary discussions for similar programs are in progress with the Neurologic Societies of Argentina, Australia, Belgium, Bolivia, Canada, Chile, Finland, India, Mexico, Pakistan, Peru, Russia, South Africa, Sweden, Tunisia and Turkey.

Despite the havoc and devastation wreaked in Honduras by Hurricane 'Mitch', our colleagues there have successfully established a Residency Training Program under the aegis of the WFN, at the Hospital Escuela. A start was made in January with the appointment of five residents, and the Council of the National Autonomous University of Honduras gave its approval to the program on October 29th. A visit to check on progress will be made by the Continuing Education Committee, probably in January or February 2000.

The WFN, through its Education Committee, has recently contracted to produce an interactive continuing education course on Neurology.



*Theodore L Munsat*  
Chair, Research Committee and Continuing Education Committee

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## Journal of the Neurological Sciences

### Report from the Editor-in-Chief

The new Editor, Robert P. Lisak, MD, of Wayne State University / Detroit Medical Center in Detroit began his term on January 1st, 1998. Two new Deputy Editors, Paula Dore-Duffy, PhD and Richard A. Lewis, MD, both from Wayne State University, were appointed. Dr. Arnulf Koeppen, a member of the Editorial Board (Associate Editors) was asked to serve as Editor for Reviews and Book Reviews and Dr. Michael Swash continued as Supplement Editor. Drs. P. Donofrio, R. Williams, and R.T. Johnson rotated off the Board. James Garbern, MD, PhD, a neurogeneticist at Wayne State University and Peter G.E. Kennedy, MD, PhD, a neurovirologist at

the University of Glasgow were appointed to the Board. Susan Hutton was appointed as the Editorial Assistant. It was decided not to have Regional Managing Editors.

There were 550 manuscripts submitted in 1998. Of these, 177 have been accepted and 180 rejected for an acceptance rate on completed manuscripts of 49.5%. Of the remaining 193 manuscripts, 30% are being revised by the authors and the remainder are being reviewed. The top ranked countries by submission are Japan (35%), United States (15%), Italy (7.8%), Germany (6.7%), and the United Kingdom (4.5%). The other countries with double-digit submissions are India (3.5%), Spain (2.5%), Sweden (2.2%), Australia (2%), and Israel (2%). Clinical research articles still predominate the submissions with lesser numbers of basic science research articles and short reports. Letters to the Editor that comment on material previously published in the Journal now appear together with the response from the authors. We are soliciting review articles and will be increasing the number of editorials on appropriate articles or groups of articles. We are expediting the appearance of book reviews so that they are more timely and thus increase the value of these reviews to the readers.

Format changes were made including Index changes and changes in Instructions to Authors, particularly regarding reference style. These updated Instructions appear in the Journal as well as on the Internet page at <http://www.elsevier.nl/locate/jns>.

To help expedite the processing of manuscripts we are trying to encourage the use of fax and e-mails, where compatible, for the review process but do not accept manuscript submissions via electronic mail or fax. Most members of the Editorial Board and Ad Hoc Reviewers have complied. We are also using a software program to track and follow-up on manuscripts and reviews of manuscripts. We have also obtained 95% of final submissions with discs which shortens the production cycle by 4 weeks. Ad Hoc Reviewers were acknowledged in the October issue and sent a copy of the acknowledged pages. A new cover for the journal was implemented in the April issue. Sixteen issues (186 pages), one Special Issue (January; 177 pages) and one supplement on motor neuron disease held in Glasgow in October 1997 (148 pages) were published in 1998. Elsevier produced a new

marketing mailer to stimulate subscriptions and manuscript submissions.



Robert Lisak, M.D.  
Editor, Journal of the Neurological Sciences

## NEWS

### WFN Representation at WHO Regional Meetings

Plans are being made for the WFN to be represented at as many World Health Organization regional meetings as possible, at no cost, by inviting locally-based WFN members to attend in that capacity. They will be provided with a standard briefing document emphasising the importance WFN attaches to raising the profile of neurology within the WHO structure and its committees. By repeating the message at every opportunity, that neurology needs to be treated differently by the agency, we hope changes will eventually be introduced.

### Fellowship of the Royal Society of Medicine

If you have not already received it by the time this issue of *World Neurology* appears, you will shortly be receiving an invitation to become a Fellow of The Royal Society of Medicine, an historic medical society based in London but with an international membership. This is a repeat of

an initiative by Dr Frank Clifford Rose 9 years ago. On that occasion, more than 500 WFN members around the world joined the RSM.

This time, there is a difference. For each WFN member who takes up the invitation, the RSM has agreed to make a payment to the WFN equivalent to a proportion of the entrance fee that they normally charge, so that the more WFN members who become RSM Fellows, the more the WFN will benefit financially.

In addition to the prestige of election to a Royal Society, there are other benefits for WFN members: first class club and hotel facilities – particularly relevant with London as the venue for the next World Congress – a monthly Journal, access to other RSM publications and one of the finest medical libraries in Europe.

To find out more about the RSM, go to their website at <http://www.roysocmed.ac.uk>.

### News from the Council of Delegates Meeting – London, June 1999

#### Finances

Delegates were notified that, in addition to central WFN accounts, any funds held by Research Groups or other branches of the WFN will in future need to be audited annually to comply with English company law.

#### Communication

Efforts will be made to communicate more widely and more regularly with Delegates through e-mail and fax.

#### World Congresses

The Council discussed a proposed change in the way future World Congresses might be organised, involving the London Secretariat working with the same core professional congress organiser (PCO) on every Congress and the host

national society taking responsibility for accommodation, social events, transport, facilities for accompanying persons and similar 'local' details. The Council considered the possible costs involved and the impact of such changes on the incentive for national societies to host a Congress. It was agreed that there would be no change in the arrangements for the 2005 World Congress. The following cities expressed their interest in hosting the Congress: Sydney, Australia; Bangkok, Thailand; Tunis and Carthage, Tunisia; and Cairo, Egypt.

A new Conventions Committee, under the Chairmanship of Professor Chris Kennard, will provide advice to the Management Committee.

#### New members

Delegates welcomed applications for membership from Cyprus and Qatar, bringing the number of WFN member countries to 84.

#### WFN Website

A website for the WFN is being created with Dr Todd Troost, a colleague of President James Toole in Winston-Salem, North Carolina, as the webmaster. The address is <http://www.worldfederationofneurology.org>.

### Neurology International Partnership Programme

The Neurology International Partnership Programme, created six years ago by Dr Donald Silberberg and Dr Pauline Munro to address the lack of educational materials globally, has been integrated formally into the WFN structure as a sub-committee of the Continuing Education Committee. The Programme links 200 neurology departments in developed countries with partners in less advantaged parts of the world.

## 1998 WFN JUNIOR TRAVELLING FELLOWSHIPS - REPORTS

Thanks to WFN which enabled me to attend the 5th International Congress of Parkinson's Disease and Movement Disorders held in New York City from 10–14 October 1998. Most aspects of Parkinson's disease and other movement disorders were discussed in great detail especially advancements made in aetiological, pathological, genetic and therapeutic aspects. The Congress afforded me the

chance to meet and learn from the experience of neurologists with an interest in movement disorders and I would like to express my sincere gratitude to the WFN for making this experience possible.

*Dr Mohammad Athar Javed*  
Consultant Neurologist  
King Abdul Aziz Hospital and Oncology Centre  
Jeddah, Saudi Arabia

The 3rd Congress of the European Federation of Neurological Societies held in a beautiful Spanish city, Seville, on 19–25 September 1998, was the largest European Neurology Conference with around 3500 delegates. Quite a lot of various scientific programmes, educational and teaching courses were offered and all the participants were able to get new knowledge and ideas in many aspects of neuro-

logical sciences: stroke, headache, epilepsy, dementia, multiple sclerosis and others.

I am very thankful to the WFN awarded me the Junior Travelling Fellowship. I am very grateful to Dr Clifford Rose and Glaxo Wellcome Junior Travelling Fellowship for their kind grant to me to participate in 3rd EFNS Congress.

*Dr Tatjana Timofejeva*  
Latvia

I am very grateful to the World Federation of Neurology and Glaxo Wellcome-Travelling Fellowship 1998 for awarding me, so I was able to visit the 3rd Congress of EFNS in Spain, Seville 1998. The Congress afforded me to meet and share ideas with neurologists from all over Europe and the rest of the world. I would like to thank again the WFN for giving me this wonderful opportunity.

*Dr Tomislav Stefanovski*  
Macedonia

This year I was awarded a Junior Travelling Fellowship to attend the 3rd Congress of the European Federation of Neurological Societies in Seville on September 19th–25th 1998. It was a great honour and pleasure to be one of these lucky young neurologists who could present their research papers in such an interesting conference. That was a unique occasion to

learn something new and exchange my experiences with other colleagues. I was very satisfied after attending teaching courses and all scientific sessions. Another advantage of my stay was the possibility to participate in the Founding Meeting for the EFNS Committee for Trainees and Junior Neurologists where I could be chosen with six other colleagues to the Standing Committee which would co-ordinate further activities of this organisation. I am very grateful for this generous support and I am sure it will benefit my neurological career.

*Konrad Rejdak, MD*  
Medical University of Lublin, Poland

The IXth International Congress for Neuromuscular Diseases took place in Adelaide, Australia, from 30th August to 4th September 1998. One of the basic aims of the Congress was to determine the position of research in the field of neuromuscular diseases at the end of the 20th century and the goals for the beginning of the 21st century. The predominant topics from the field of basic sciences were the genetics and the molecular biology of neuromuscular diseases. The assessment of the human genome and the biochemistry of gene expression were discussed. New entities from the groups of mitochondrial diseases and sarcoglycanopathies and channelopathies were presented in more detail, namely the Emery-Dreifuss Disease and the Betlem my-

opathy. The most impressive feature of the Congress was the successful meeting of basic scientists and clinicians, exchanging information and considering recent breakthroughs in basic sciences and their possible clinical application.

*Dr Ivan Mikula*  
Zagreb, Croatia

The World Federation of Neurology afforded me the opportunity to attend the Vth International Congress of Movement Disorders and Parkinson's Disease held in New York, 10-14 October 1998. Being able to participate in this event allowed me to improve my knowledge in this growing field of research and to present 3 papers on some rare extrapyramidal disorders. This was a unique opportunity to discuss with neurologists from all over the world especially interested in movement disorders and Parkinson's disease and to exchange experiences and ideas. Lectures and poster presentations concerned a broad spectrum of disorders but I was mostly interested by the genetics of Parkinson's disease and lectures about the alpha-synucleins and their functions, the parkin gene and recent advances in surgical treatment of Parkinson's disease and other movement disorders such as dystonia.

*Neziha Gouider-Khouja*  
Tunisia

## WFN JUNIOR TRAVELLING FELLOWSHIPS 1999

The following applicants were awarded WFN Junior Travelling Fellowships in 1999:

- David Chkhartishvili, Georgia  
XI Int'l Congress of EMG and Clinical Neurophysiology – Prague, September 7–11, 1999
- Carlos Cosentino, Peru  
XIII Int'l Congress on Parkinson's Disease – Vancouver, July 1999
- Lodi Gogovska, Macedonia  
European Charcot Foundation Symposium 'Genes and Viruses in Multiple Sclerosis' – Venice, October 28–30, 1999
- Sherif Mohamed Hamdy, Egypt  
9th World Congress on Pain –

Vienna, August 22–27, 1999

- Dalius Jatuzis, Lithuania  
8th European Stroke Conference – Venice, April 7–10, 1999
- Marina Korechkina, Russia  
EFNS Congress – Lisbon, 7–11 September 1999
- Janika Korv, Estonia  
EFNS Congress — Lisbon, September 7–11, 1999
- Uday Muthane, India  
XIII Int'l Congress on Parkinsons Disease – Vancouver, July 24–28, 1999
- K.P.Sivaranaman Nair, India  
2nd World Congress of Neurological Rehabilitation – Toronto, April

14–17, 1999

- Viktor Svigelj, Slovenia  
4th Congress of EFNS - Lisbon, September 7–11, 1999
- Evia Jurevica, Latvia  
EFNS Congress – Lisbon, 7–11 September 1999
- Marjan Zaletel, Slovenia  
4th Congress of EFNS - Lisbon, September 7–11, 1999
- Nina Tsakadze, Georgia  
4th Congress of EFNS - Lisbon, September 7–11, 1999

The World Federation of Neurology wishes to acknowledge the generous support of Glaxo Wellcome which has made these awards possible.

## MEETING REPORTS

### 3rd ASNA Convention

The 3rd Biennial Convention of the ASEAN Neurological Association (ASNA) and the 39th Annual Meeting of The Neurological Society of Thailand were held in Chiang-mai from February 3-5, 1999. The meetings were highly successful and oversubscribed by the participants despite a severe economic crisis in this region. There were 453 people, more than half of them, 246, were foreign delegates. The total number of participating countries was 18. Both academic and non-academic activities were finished with great and memorable success. Many positive comments were received from invited speakers, national and international delegates. The number of attendees was 3 times more than my original estimation. I strongly believe that the next 4th ASNA Convention in Penang, Malaysia two years from now will

be successful too because the ASNA has already identified itself and established its identity in this part of the world.

*Prasert Boongird, MD*  
Chairman, 3rd ASNA Convention Organizing Committee

### 2nd Kuwait Neurological Conference & 1st Gulf Regional Meeting

1-3 November 1998

The Kuwait Neurological Society held its 2nd Conference and 1st Gulf Meeting of Regional Societies in Kuwait from 1-3 November 1998.

Over a period of three days, the scientific sessions covered a wide range of important topics with special reference to the region, including multiple sclerosis, epilepsy, stroke, headache and peripheral neuropathies. An international faculty, of outstanding calibre participated along

with local and other Arab speakers in highlighting these topics. All update sessions were well attended by local general physicians, neurologists and specialists from different Gulf states. During the Conference, a business meeting was held with officials of other regional Gulf societies and the Pan Arab Union for Neurological Societies (PAUNS). A suggestion was made to form an executive body for this region composed of Gulf Co-operation Council Countries' representatives with Dr Asmahan Al-Shubaili of Kuwait as its co-ordinator. The main aim of this group is to encourage and promote scientific activities and research in the region. Oman was chosen to hold the 2nd Regional Conference at Muscat in 2000, it would therefore be alternating with PAUNS Conferences.

*Dr Asmahan Al-Shubaili*  
Consultant Neurologist & Head of Organizing Committee

## BOOK REVIEWS

### Headache

Ed: Egilius L H Spierings  
ISBN: 0-7506-7128-9  
No. of pages: 236  
Price: £15.99  
Publication date: 1998  
Publisher: Butterworth Heinemann

This pocket-book succinctly covers the huge topic of headache and is intended for the general practitioner. Divided into three parts depending on whether the headache is acute, subacute or chronic, this novel approach provides an excellent introduction to the subject and is highly recommended.

### Amyotrophic Lateral Sclerosis

Ed: Andrew Eisen / Charles Krieger  
ISBN: 0-521-58103-60  
No. of pages: 303  
Price: £45.00 [US\$74.95]  
Publication Date: 1998  
Publisher: Cambridge University Press

The two co-authors from Vancouver are to be congratulated on this superb update of a disease which has worried neurologists since the days of Charcot. It is still disturbing that less than one eighth of the book is concerned with treatment but that is enough to indicate that there is light at the end of the tunnel of therapeutic nihilism.

### Subarachnoid Hemorrhage

Ed: Takehiko Yanagihara, David G Piepgras, John L D Atkinson  
ISBN: 0-8247-9519-9  
No. of Pages: 567  
Price: \$195.00  
Publication Date: 1998  
Publisher: Marcel Dekker

Since subarachnoid haemorrhage is one of the most devastating of neurological disorders this monograph is to be highly welcomed. It deals with the whole subject from animal experiments and epidemiology to investigations, management and rehabilitation.

22 of the 27 contributors are from the Mayo Clinic, Rochester, so its comprehensive coverage gives the current views of that institution.

### pH and Brain Function

Ed: Kai Kaila, Bruce R Ransom  
ISBN: 0-471-11838-9  
No. of pages: 688  
Price: £136.00  
Publication Date: 1998  
Publisher: Wiley-Liss

Divided into seven sections, the first gives an excellent introduction, the second is on methodology, the third on cellular regulation, while the following three deal with various aspects of pH control. The final section is on pathophysiology, the last chapter being on brain oedema.

This is a model monograph and will be the definitive reference work on the subject for the foreseeable future.

### Echoenhancers and Transcranial Color Duplex Sonography

Ed: U Bogdahn, G Becker, F Schlachetzki  
ISBN: 0-63204-856-5  
No. of pages: 420  
Price: £99.50  
Publication Date: 1998  
Publisher: Blackwell Wissenschafts-Verlag GmbH

This book has more than 400 coloured photographs. Whilst the first part of the book (Part A) deals with basic principles, the second part (Part B) covers the clinical applications such as findings in stroke, AVM's, tumours and extrapyramidal disease. This is an essential reference book for all those dealing with echoenhancers and transcranial duplex sonography.

### Neurologic Disease in Women

Ed: Peter W Kaplan  
ISBN: 1-888799-15-3  
No. of pages: 453  
Price: unknown  
Publication Date: 1998  
Publisher: Demos Medical Publishing Inc.

It could be asked whether neurological disease in women differs significantly from that in men. This volume gives the answer. The first part is devoted to general

issues in women and includes such chapters as "Sex differences in Regional Brain Structure and Function" and "Ovarian Hormones and the Nervous System".

The second part is on "Life Stages and Neurologic Disease in Women" and discusses such topics as menstruation, pregnancy and obstetric issues, the menopausal transition and the role of oestrogens in Alzheimer's disease.

The third and final part systematically reviews neurologic disorders in women concluding with a chapter on "Gender Differences in Diseases of the Nervous System". This is a commendable book on this particular subject.

### Basic Neurochemistry, 6th Edition

Ed: George J Siegel  
ISBN: 0 3975 1820 X  
No. of pages: 1200  
Price: US \$73.50 / £48.00  
Publication Date: October 1998  
Publisher: Lippincott Williams & Wilkins

The fact that this is the sixth edition is sufficient evidence of the excellence of this work. It is the standard definitive volume in this field and should be on the shelves of every reference library.

### Cerebrovascular Disease, 3rd Edition

Ed: Marc Fisher, Julien Bogouslavsky  
ISBN: 0-7506-7119-X  
No. of pages: 232  
Price: unknown  
Publication Date: 1999  
Publisher: Butterworth Heinemann

The fact that this is the third edition testifies to the excellence of this beautifully produced book. It provides an update of continually developing topics which, to quote the editors, has been "spectacular during the last three years".

All aspects of stroke are covered and the editors are to be congratulated on their choice of contributors and a beautifully produced review.

### Neurology in Tropics

Ed: J S Chopra, I M S Sawhney  
ISBN: 81-7042-121-7  
No. of pages: 692  
Price: US \$ 85 [including postal charges of US \$10]  
Publication date: 1999  
Publisher: B I Churchill Livingstone Pvt Ltd, 54 Janpath, New Delhi-110 001, India.

This book gives a comprehensive coverage in 56 chapters. Since there is a short-

age of neurologists in developing countries, many patients with neurological disorders are looked after by internists and general practitioners. This volume will be a valuable reference book and the editors are to be congratulated on their choice of nearly 100 experts in this field, the majority of whom, as would be expected, are from India.

Because of increasing travel in a global village, this compendium will also prove exceedingly useful for those working in the developed world.

### Challenge Epilepsy - New Antiepileptic Drugs

Ed: Hermann Stefan, Gunter Kramer, Bruno Mamoli  
ISBN: 3-89412-385-0  
No. of pages: 258  
Price: £39.50  
Publication Date: 1998  
Publisher: Blackwell Science

This book is based on a symposium organised by the German-Austrian-Swiss Study Group on Epileptology which considered the newer anti-epileptic drugs of the past decade.

This series of essays covers most of the problems encountered in clinical practice and special emphasis is given to the problems of clinical trial methodology. In spite of much research, the relative efficacy of these new drugs is still controversial and further research needs to be actively pursued.

### Drug Action in the Central Nervous System

Ed: Paul M Carvey  
ISBN: 0-19-509334-8  
No. of pages: 416  
Price: £22.50  
Publication Date: 1998  
Publisher: Oxford University Press

This monograph, written by a pharmacologist, is primarily about pharmacokinetics which includes not only how drugs work, but also how side-effects are produced. Many of our theories regarding brain function are pharmacocentric, i.e. they rely on using centrally acting drugs as probes of brain function. The first three chapters provide the principles of drug delivery and receptor function while succeeding chapters focus on such individual entities as pain, headache, epilepsy and movement disorders. Psychopharmacologic topics are also covered.

### Genetics of Focal Epilepsies

Ed: S F Berkovic, P Genton, E Hirsch, F Picard  
ISBN: 0 86196 569 8  
No. of pages: 286  
Price: £59.00 / US\$103  
Publication Date: 1999  
Publisher: John Libbey & Co Ltd

The title of the book indicates the conundrum of how a genetically determined brain disorder can be focal. It also points out that "benign" is not the same as "idiopathic" since the latter term refers to aetiology whilst the former refers to prognosis.

The book is an excellent monograph for what many might consider a narrow theme but its coverage extends to febrile convulsion, reading epilepsy and hot water epilepsies.

### Immunological and Inflammatory Disorders of the Central Nervous System

Ed: Neil Scolding  
ISBN: 0-7506-2357-8  
No. of pages: 264  
Price: £45.00  
Publication Date: 1999  
Publisher: Butterworth Heinemann

After an introductory chapter on immune responses the next three chapters cover demyelinating diseases. Succeeding topics include paraneoplastic disorders, stiff man syndrome, sarcoidosis and cerebral vasculitis.

The editor of this monograph has contributed to eight of the ten chapters and is to be congratulated on a useful contribution to the literature of clinical neuroimmunology.

### Cerebral Ischemia: Molecular and Cellular Pathophysiology

Ed: Wolfgang Walz  
ISBN: 0-89603-540-9  
No. of pages: 278  
Price: \$125.00  
Publication Date: March 1999  
Publisher: Humana Press

Although the human brain represents about 2% of the body weight it accounts for 20% of aerobic metabolism. This book concerns these energy-consuming processes and is divided into three parts.

The first gives an overview of the mechanisms of cerebral ischaemia. The second part is on such factors of the brain's microenvironment as spreading depression (an excellent informative chapter), cell

oedema, calcium overload, oxygen radicals and neuroprotective cytokines.

Part III deals with such cellular changes as reprogramming of gene expression after ischaemia, necrotic versus apoptotic changes, reactive gliosis and activated microglia.

This is an excellent updated review of one of the most rapidly advancing topics in neuroscience.

## Progress in Neurology, Vol. II

Ed: Donna C. Bergen, Jagjit S. Chopra, Donald Silberberg, Bosko Barac, Helmut Lechner  
 ISBN: 81-7042-121-7  
 No. of Pages: 323  
 Price: US\$18 (including postal charges)  
 Publication Date: 1998  
 Publisher: B I Churchill Livingstone Pvt

Ltd, 54 Janpath, New Delhi 110 001, India.

This volume embodies the proceedings of an international conference on the organisation and delivery of neurological services, held under the auspices of the World Federation of Neurology in Athens (24-26 October 1996). The different sections of the book deal with an extensive list of topics, such as the world-wide epidemiology of neurological diseases. The volume is a very comprehensive one and the contributors, many of them internationally known in the field of neurology, have produced a series of well-structured and well-referenced papers covering an exceptionally wide field of neurological practice and research. I am sure that many readers of *World Neurology* will find the book both stimulating and helpful.

John Walton  
 (Lord Walton of Detchant)

## Numb Toes and Aching Soles: Coping with Peripheral Neuropathy

Editor: Johan A Sennef,  
 ISBN: 0-9671107-1-8  
 No. of pages: 336  
 Price: \$ 19.95 (soft cover) \$ 29.95 (hard cover). Shipping \$4.  
 Publication Date: 1999  
 Publisher: Med Press, P.O. Box 691546, San Antonio, Texas, USA

It is perhaps the first time that such a book has been written on peripheral neuropathy targeting as likely readers specialists, general practitioners, paramedical staff and even the patients who suffer from this disease. There is an extensive review of the therapeutic modalities for relief of pain in peripheral neuropathies and special consideration is given to diabetics and HIV sufferers. This is a useful book for both institutional and personal libraries. The author deserves our congratulations.

## CALENDAR

### 1999

#### Neurosonology Y2K

**8th Meeting of the Neurosonology Research Group of the World Federation of Neurology** in conjunction with the Asian Symposium on Stroke Prevention and Treatment

2-6 November 1999

The Grand Hotel, Taipei, Taiwan  
 Contact: Taiwan Stroke Society  
 c/o Chang Gung Memorial Hospital  
 Tao-yuan 333, Taiwan  
 Tel/fax: 886 3 327 5548  
 E-mail: stroke@adm.cgmh.com.tw  
 http://www.stroke.org.tw

#### The 20th Salzburg Conference Meeting of the WFN Research Group on Organization & Delivery of Neurological Services

3-6 November 1999

The Grand Hotel, Taipei, Taiwan  
 Contact: Zei-Shung Huang, MD  
 Department of Internal Medicine  
 National Taiwan University Hospital  
 7 Chung-shan South Road  
 Taipei 100, Taiwan  
 Fax: 886 2 2393 4176  
 E-mail: tklee@ha.mc.ntu.edu.tw

### 2000

#### 10th Asian and Oceanian Congress of Neurology

22-26 January 2000

Philippine International Convention Center,  
 Manila, Philippines

Contact: Philippine Neurological Association Office, Suite 1006, 10th Floor, North Tower, Cathedral Heights Building Complex St. Luke's Medical Center E. Rodriguez Ave., Quezon City, Philippines  
 Tel.: (632) 723-2102 (telefax)  
 E-mail: pna@webquest.com  
 URL: <http://www.pna.com.ph>

#### Third International Symposium on Coma and Death

22-25 February 2000

Havana International Conference Centre, Havana, Cuba  
 Contact: Calixto Machado, MD PhD  
 President of the Symposium  
 Instituto de Neurologia, Neurocirugia Apartado Postal 4268  
 La Habana 10400, Cuba  
 Tel: 537-5530222 Ext.18  
 Fax: 537-219496/228382/218270  
 E-mail: braind@infomed.sld.cu

#### Neuronal Plasticity: The Key to Stroke Recovery

19-22 March 2000

Kananaskis, Alberta, Canada  
 Conference secretariat  
 Liz Reed, Neuronal Plasticity 2000 Conference Secretariat  
 Elsevier Science, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK  
 Tel: 44 (0)1865 843721;  
 Fax: 44 (0)1865 843958  
 Email: e.reed@elsevier.co.uk

#### 3rd Congress of Asian Oceanian Epilepsy Organisation (AOEO)

11-13 November 2000

New Delhi, India  
 Contact: Satish Jain, MD  
 Secretary General  
 Department of Neurology  
 Neurosciences Centre  
 All India Institute of Medical Sciences  
 New Delhi - 110 029, India  
 Tel: 91-1-659 4210/656 9007  
 Fax: 91-11-652 1086/686 2663  
 E-mail: sjain@medinst.ernet.in

### 2001

#### XVII World Congress of Neurology

17-22 June, 2001

London, UK  
 Venue: Earls Court 2, Earls Court Olympia, Warwick Road, London SW5, UK  
 Contact: WCN 2001, Concorde Services Ltd  
 42 Canham Road  
 London W3 7SR, UK  
 Tel: +44 (0) 181 743 3106  
 Fax: +44 (0) 181 743 1010  
 e-mail: wcn@concorde-uk.com  
 http://www.concorde-uk.com/wcn-2001

### 2002

#### Xth International Congress on Neuromuscular Diseases

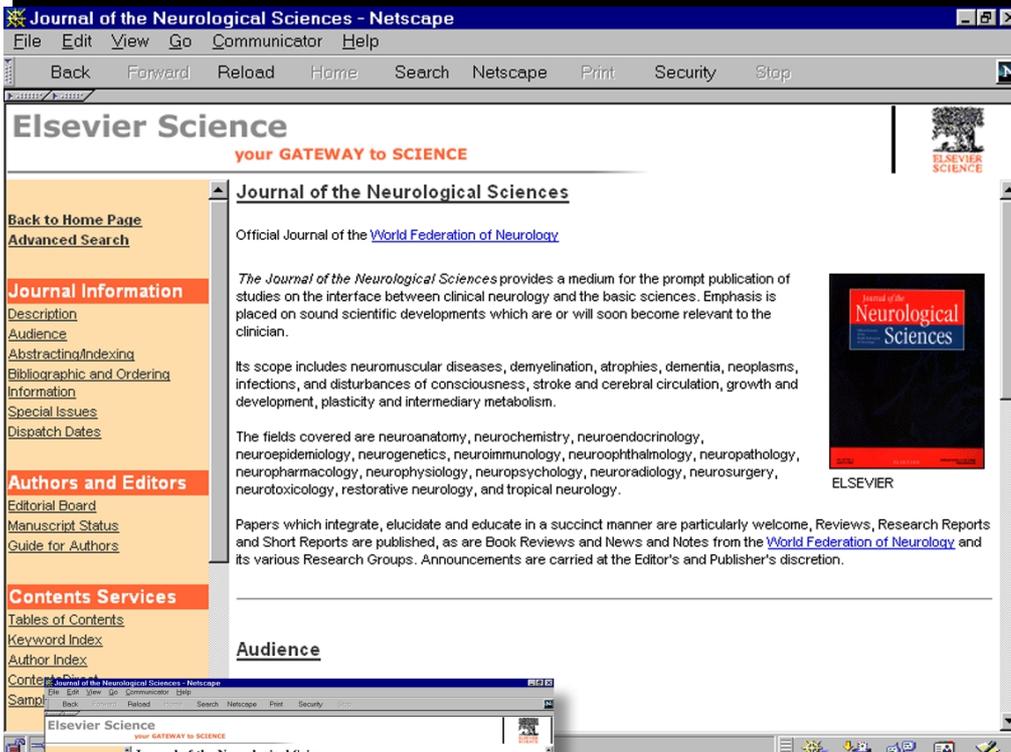
7-12 July 2002

Vancouver, B.C., Canada  
 Contact: Congress Secretariat  
 Venue West Conference Services Ltd., Suite 645, 375 Water Street  
 Vancouver, British Columbia, Canada V6B 5C6  
 Tel: 604 581 5226; Fax: 604 681 2503  
 E-mail: congress@venuewest.co

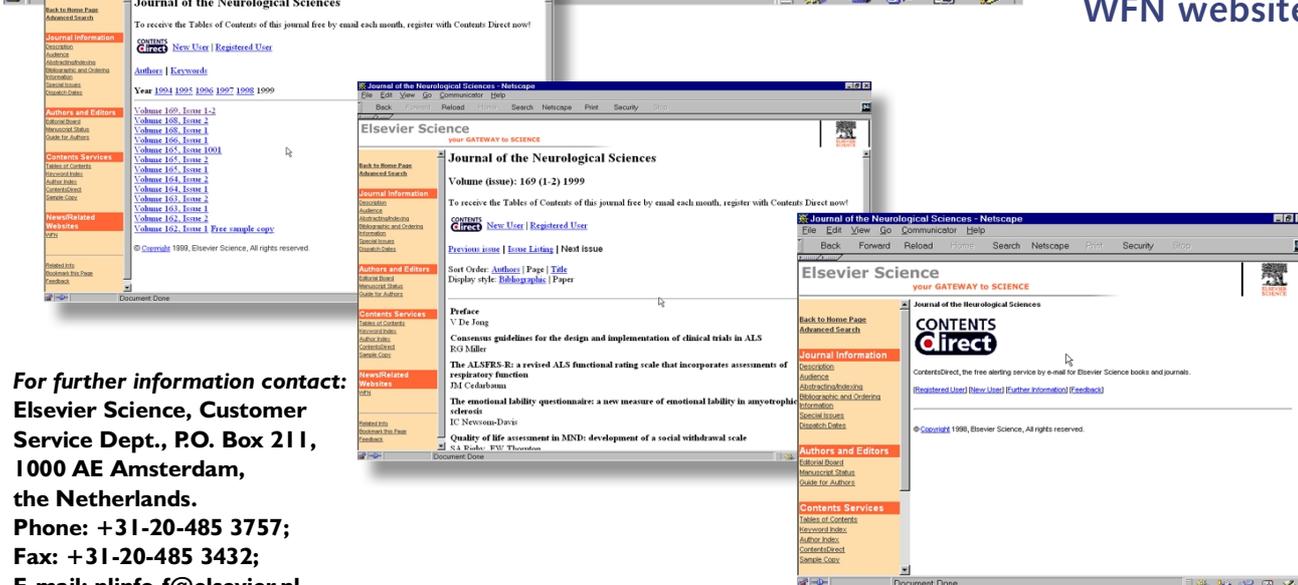
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