



Workshop »Neuroimaging in Brain Injury«

The EMN workshop „Neuroimaging in Brain Injury“ is organised by Prof. Jacques De Reuck in Ghent (Belgium) from Friday 14th till Saturday 15th April 2000

Intended programme:

1. Welcome address and introduction by the EMN President Klaus von Wild
2. Neuropathology of traumatic brain lesions (J. De Reuck)
3. Radiological and computed tomography (M. Lemmerling)
4. Magnetic Resonance Imaging (E. Achten)
5. Angiography and transcranial doppler (P. Vanlangenhove)
6. Single photon emission computed tomography (A. Jacob)
7. Positron emission tomography (H. Jansen)
8. Panel discussion on guidelines.

Twenty rooms in the Sofitel hotel for the nights 13 and 14 and 15 April 2000 have been reserved. The price: 140 Euro for single room and 155 Euro's for double room per night including breakfast.

Early registration is recommended (first come first). Price: 75 Euro for early registration and 100 Euro after February 29th. For those members who have already paid the annual EMN fee the price will be respectively 50 Euros and 75 Euros. These fees will include the scientific sessions, coffee breaks and reception.

Secretary for information and registration, Prof. Dr. Jacques De Reuck
Department of Neurology
Ghent University Hospital
De Pintelaan 185, B - 9000 Ghent, Belgium
Tel.: +32-9-2404539 Fax: +32-9-2404971

Presidential Address



Dear Members,

there are a great many interesting and new aspects to report from the EMN since our last newsletter.

Ottmar Trentz, who presided over our 1998 congress in such a meritorious manner, has meanwhile been able to conclude his scientific-ally highly interesting and demanding and socially stimulating annual congress in Zurich with a balanced budget to the satisfaction of all involved. Once again I should like to thank him for everything that he and his team, in particular Christina Morganti-Kossmann and Thomas Kossmann as well as his highly esteemed wife Omanar, have accomplished for the EMN. He has written a resumee for this newsletter for the benefit of all those who were not able to attend the congress, as well as a tribute for Prof. Dr. med. H. Tscherné, director of the University Clinic for Accident Surgery at the Hanover Medical University, who was appointed as honorary member of our society at the Zurich congress. The organizers have consciously decided against the publication of a summary volume of the congress presentations so as not to place an additional workload on the renowned participants who were invited to speak at the congress, a decision that we should unreservedly respect.

A further five months later we were then the guests of our present vice-president, Luiz González-Feria, in Santa Cruz de Tenerife on the campus of La Laguna University, where he and his colleagues so successfully organized last year's congress in the first week of February. The large number of participating members and guests provided impressive confirmation of our election of this

The 5th EMN Congress 2000 in Paris

September 20th till 23th 2000

Several programmes have recently been developed to enable traumatic brain injured people to bridge the gap between rehabilitation and re-entry, and to reintegrate society in the long term.

How can we evaluate the efficiency of these programmes? Do they contribute to the reduction of the handicap and to the improvement of quality of life? What are the quality and accreditation criteria of a good re-entry unit? What is the cost of these programmes? Is it compensated by the economical advantages of an improved re-ent-

ry? Is the medico-legal expertise adapted to the specificities of TBI? Are the amounts and the practical consequences of prejudice compensations adequate today? Do we handle adequately, in the long-term, the specific needs of severe and mild TBI?

We will try to answer these questions through a comprehensive and holistic approach. Several inquiries are being undertaken on assessment tools, quality of life and specific programmes census. These answers will be given at the joint EBIS/EMN international congress, with the participation of several well-known



> page 2

> page 3

... The 5th EMN Congress 2000 in Paris

specialists, and both national and international organisations in the field of brain injury.

We invite you to take part in our congress which will take place in the heart of Paris, in september, its most beautiful season.



Jean-Luc Truelle

and the official reception at the Hôtel-de-Ville de Paris.

Thursday 21st September in the morning the opening ceremony with the welcome address of the EMN president K. von Wild, followed by the J. Douglas Miller Memorial Lecture: D. N. Brooks (UK), president of EBIS: What is a good re-entry programme? What are the key-questions?

P. Fayol, J. J. Dumond, P. North, J. L. Truelle (F), data bank and programme directory. E. Neugebauer (D): How to assess the TBI's quality of life?

J. F. Bauduret (F) UEROS: French transitional programme, a 3 year experience.

Then paintings exhibition and poster session - meet the experts.

In the afternoon in room 1: Medico-legal session: E. Vieux, president at the court of Aix en-Provence with W. Braithwaite (UK): TBI specificities and compensation of prejudice, H. Hugues-Bejui: Specific mission for the medico-legal expertise of TBI. Families opinion. In room 2 and 3 free communications and in room 4 workshop with Y. Ben Yishay: Holistic neuropsychological rehabilitation: Theory, Practice, Outcomes

Friday 22nd September in the morning: Room 1 A.D. Mendelow (UK): Pharmacological treatments. Classical and new drugs in post-traumatic epilepsy. In room 2 free communications. In room 3 workshop with M. D. Lezak (US): Remediation's neglected patients. The mildly injured. Paintings and sculptures exhibition and poster session - meet the experts.

In the afternoon plenary session with G. Prigatano (US): Who benefits from rehabilitation and re-entry programmes? C. McDonnell (UK): Accreditation criteria for TBI specific re-entry programmes and N. Cope (US): Costs of TBI programmes.

Then EMN award: A. Potapov (RU) and conclusions: J. L. Truelle (F).

The day close with the Gala Dinner at the "Jardins de bagatelle" with the participation of the pianist c. Stigliani-Chevrillon.

Saturday 23rd September: Social programme with an excursion to Versailles and Trianon.

The scientific organisation is directed by Prof. J. L. Truelle, Service de neurologie, Hôpital Foch, BP 36, F-92151 Suresnes Cedex. Tel.: 33 1 46 2521 54, Fax: 33 1 46 25 27 24, e-mail: jl.truelle@hopital-foch.org

For the practical organisation: BCA, 6, Boulevard du Général Leclerc, F-92115 Clichy Cedex. Tel.: 33 1 41 06 67 70, Fax: 33 1 41 06 67 79, e-mail: b-c-a@worldnet.fr, Internet: www.b-c-a.fr

The "call for papers" deadline is april 15, 2000 for free communications, posters and videos. Please send the type written form for English or French abstract to Prof. J. L. Truelle. Selection will be made until june 1, 2000. Abstracts will be assembled in a folder for distribution to participants. Papers will be published in English on the web.



The New building of the Burdenko Neurosurgical Institute

EMN Congress 2001 in Moscow

This EMN Congress is scheduled for May 2001 in Moscow. The main topics will be:

- Epidemiology and prevention of neurotrauma
- New technologies in neurotraumatology
- Modern guidelines for neurotrauma
- Pathogenesis and principles of treatment of combined trauma
- CNS plasticity and neurorehabilitation

Alexander Potapov
Burdenko Neurosurgical Institute

Registration fees

Fully paid up members of EMN will be allowed a discount on their registration fees for the joint EBIS/EMN meeting in Paris next year (20th - 23rd September 2000).

The registration fees will be as follows:

Before 15th April 2000
(After 15th April 2000 and on site)

Paid up EMN members
1400 FF (1700 FF)

Non paid up members and others
1700 FF (2000 FF)

If you have not yet paid your subscriptions but would still like to receive the discount, please submit the DIRECT DEBIT form before the end of February 2000. After this date, those members of EMN who have not returned the DIRECT DEBIT form will have to pay as if they were non-members, so please hurry and complete the form.

David Mendelow
EMN Treasurer

... Presidential Address

congress president and his decisions regarding the venue and the central aspects of the congress and the workshops. Together with his wife, Prof. Charo Santa Cruz Diez, he succeeded in combining scientific curiosity and the generous hospitality typical of Spain in an admirable atmosphere at various locations on this wonderful island to create a truly festive EMN family get-together, one that we still recall with pleasure. Thank you both once again for a splendid time.

We are immensely looking forward to the publication of the presentations in a special congress volume and above all, however, to the publications in the internet and on CD-ROM, a premiere for our society! Your tastebuds will be whetted by his brief look-back included in this issue, which will appear halfway between the 1999 Tenerife and 2000 Paris meetings!

Jean Luc Truelle, the president of our next congress, and his team have meanwhile finished his preparations for the congress, meaning that the first announcement and his call for papers has been dispatched. His personal invitation, which provides an overview of the course of the annual congress from September 20 to 23, 2000 in Paris, will hopefully animate you all to come to Paris with your partners and thus continue the young tradition of the EMN Family Members festival. The preconditions seem to be excellent.

And now, very early in the day, it may indeed appear, on behalf of the president of the 2001 EMN Congress, Alexander Potapov, we should like to extend to you an invitation to come to Moscow in the spring of that year. This will be a fantastic opportunity to continue our multidisciplinary dialogue at a high scientific level with international participation at the newly established and highly modern Burdenko Institute, and we can also look forward to experiencing for ourselves the proverbial hospitality and positive outlook on life that this culture holds to offer for its guests.

Our EMN society is now five years old, not very old for a scientific association. All the same, the experience that we have made in these five years does permit us to make some predictions for the future. All those of us who took part at the Zurich and Tenerife congresses fully agree that extremely gratifying progress has been made, both in terms of the membership figures as well as, in particular, the scientific contents and the social contacts. This also became apparent at the joint meeting with the ICRAN society in Magdeburg (1998) and the joint 2000 An-



The EMN family's outing in the mountains of Tenerife after a very successful 4th congress 1999

nual Congress with EBIS (European Brain Injury Society). Cooperative activities are additionally scheduled to be conducted with the International Brain Injury Association under its president, Georg Zitnay, who was appointed a corresponding associate at the Tenerife congress. Together with our second corresponding associate, Prof. Armando Basso from Buenos Aires, Argentina, we shall have the opportunity to present the common-ground issues of the EMN and the WGN (Liaison Committee of WFNS and WHO) before the WHO. One aspect I consider particularly important in this connection is the intensification of our relations with the EBIC (International Brain Injury Consortium) regarding the elaboration of new and the critical revision of already published guidelines and algorithms in connection with neurotraumatological care. This joint preoccupation was exemplarily stressed by our society member Edmund Neugebauer, from Cologne, on the occasion of the symposium he organized in the context of the joint project „Neurotraumatology and Neuropsychological Rehabilitation“, sponsored by the BMBF (the German Ministry of Education and Research) from September 29 to October 2, 1999, regarding the elaboration of guidelines for *QoL* (quality of life) following craniocerebral injury. He and his fellow organizers have indeed impressively succeeded in formulating for the very first time instruments for the definition and follow-up of *QoL* aspects on the scientific basis of a wide range of expert opinions and meticulous literature researches, this in the sense of practicable options; a resolution was passed to submit an application, via Jean Luc Truelle, to Brussels to obtain a grant for financing a joint research project of the EMN and the BMBF regarding *QoL* following craniocerebral injury. If this application is granted, then it should be possible to present the first results of the joint effort at the 5th EMN Congress in Paris.

Learning by doing, in this sense the Pre-sidium expressly supports activities for the

organization and conduct of special „hands-on“ workshops for ten to 20 participants at a time, organized by EMN members for varying aspects from the field of neurotraumatology, wherever possible at various venues throughout Europe. The prime intention of this idea is not only to further the expert knowledge among the members themselves, but also, in keeping with our objective of practical teaching and research, among young research scientists from the midst of our members working groups. The first workshops are scheduled to take place in early 2000 in Budapest, under Thomas Pentelény, „Spine Instrumentation“, and by our members Carl Hendrik Nordstroem and Urban Ungerstedt in Lund and/or Stockholm, „Microdialyses in Intensive Care“, and by Jacques de Reuck in Ghent, „Neuroimaging in Brain Injury“. The organizers and we ourselves urgently need to know who is interested in participating at these meetings, and I should thus like to request that those interested notify our registrar, Matej Lipovsek, at short notice.

We are all aware that mutual trust is the best guarantee also for multidisciplinary scientific and clinical work. And so, if you have esteemed colleagues from other disciplines among your acquaintances with whom you pursue common research projects and who you think can also contribute towards furthering the aims of the EMN and be of benefit for us all, then please forward their names of these colleagues directly to our General Secretary, Federico Hernández-Meyer, so that they may be personally invited to apply for membership in our society.

We are always pleased to receive your comments, especially ones that serve the aims of the EMN and as a consequence of us all.

So much for the moment, and my best regards to you all,

Klaus R. H. von Wild, President

In memoriam

Prof. Dr. Dr. h. c. mult. Jean Brihaye passed away on 23rd February 1999, just a few days prior to our 4th EMN congress in Tenerife to which he had been invited as our guest of honour.

Jean Brihaye was born in Dinant, Belgium, on 29th March 1922. Until his death he lived in Brussels with his wife, Martine, a professor of ophthalmology. They had three children, all of whom are also medical doctors.

He studied medicine at the Free University of Brussels and graduated with great distinction in 1948. Thereafter, he started his training in neurosurgery and worked as a resident at the Department of Neurosurgery under Prof. Paul Martin between 1948 and 1954, and later on as chief resident until 1961 when he was appointed director of the Service de Neurochirurgie at the Institut Jules Bordet in Brussels. In 1963 he received a docentship for neurosurgery and succeeded his teacher as Professor of Neurosurgery. In 1970 he was appointed ordinary professor and retired in 1987.

Jean Brihaye started his career as a research worker in the laboratory of neurophysiology under Prof. Bremer from 1945 until 1948 when he became prosector in anatomy at the Free University. Between 1953 and 1959 he was research worker in the laboratory of pathological anatomy at the university. In acknowledgement of his work, he was awarded national prizes and scholarships with frequent sojourns at various international neurosurgical departments during the years that followed. Prof. Brihaye was president of the Belgian and French-speaking Societies of Neurosurgery. He has been one of the main architects of European Neurosurgery. Already at the founding meeting of the European Association of Neurosurgical Societies (EANS) in Prague in 1971, Brihaye was elected secretary. On this photograph we see him sitting beside Prof. Johnson at the EANS Congress in Oxford in 1975. In 1979 he became president of the EANS and in 1983 congress president of the 7th European Congress of Neurosurgery in Brussels. He was permanently engaged in the concept to promote the free European interchange of interdisciplinary knowledge, experiences and personal understanding! For that reason, he was elected first honorary president of the EANS in

1985, and later on honorary president of the World Federation of Neurosurgical Societies. He was a highly esteemed lecturer in many European and Euro-Arabic courses. Jean Brihaye had a special interest in neurotraumatology. In 1977, 1979 and 1980 he was congress president of the annual meetings of the Belgium Society for Traffic Medicine, and in 1978 he was nominated past deputy chairman of the



Jean Brihaye on the occasion of his nomination as EMN Honorary Member together with (f.l.t.r.) E. Diekmath, R. Frowein, A. Potapov, K. v. Wild and S. El Gindy

Neurotraumatology Committee of the World Federation of Neurosurgical Societies. He published „Some Notes on the History of the Committee on Neurotraumatology (CNT) of the WFNS from 1965 to 1979“ (Recent Advances in Neurotraumatology, Springer, 1993). Together with his colleagues and friends Frowein, Lindgren, Loew and Strobandt, he defined the criteria for gradation of post-traumatic disturbances of consciousness .

„If really you think that I, as Honorary Member of your Euroacademy, may be of some value to your society of multidisciplinary neurotraumatology, I am ready to accept your invitation. In fact, for a long time, I sympathise with such a ‚pluri-cultural‘ approach of the traumatised victim. In addition, I would be very happy to seat by the side of my old friend Reinhold Frowein.“

(from a letter of J. Brihaye to the EMN President dated 22.8.97)

He was made honorary member and corresponding member of numerous national and international societies and was also a co-founder of the Euro-Asian Academy. The Universities of Berlin and Thessaloniki awarded him the title of doctor honoris causa. He was a member of the scientific editorial board of the Acta Neurochirurgica, Advances and Technical Standards in Neurosurgery, Neurosurgical Review and Advances in Neurotraumatology, where his precision and clarity were always outstanding features of his activities. He published over 250 scientific papers, articles and monographs, more recent ones including, to name but a few: „Philosophical and ethical problems regarding life and death“ and „The European spirit and the European Association of Neurosurgical Societies (EANS)“ (in Acta Neurochir. (Wine) 1989 and 1990).

Prof. Brihaye was a pioneer and one of the most prestigious personalities in modern neurosurgery, who endeavoured to promote educational programmes and to establish standards. He has proved to be a great European Neurosurgeon. For his life's work, especially with respect to neurotraumatology in Europe, he was named by unanimous vote Honorary Member of the Euroacademy for Multidisciplinary Neurotraumatology during our 3rd EMN congress in Zurich on 28th August 1998. He was awarded this status in recognition of his outstanding personal and professional qualities as a neurosurgeon. As a convinced European from the very start, he made a major contribution to mutual trust among colleagues of various disciplines and of various nationalities, while promoting and consolidating international contacts in the field of neurotraumatology.

For Prof. Brihaye and all of us alike, the award of the certificate of honorary member to him in Magdeburg on 30th September 1998 was a moving moment during the 1st Joint Meeting of the Neurotraumatology Committee of the WEFNS and the EMN. It was quite in the spirit of his own philosophy - enjoying and appreciating life to the full, while giving less weight to his own health problems, and showing a cheerful, optimistic and forward-looking nature. Prof. Brihaye finally had to cancel his participation in the congress in Tenerife at short notice - today we know how ill he really was.

We have lost a world renowned physician and a great man. The president and members will honour his memory.

Klaus R. H. von Wild

Review on the 4th EMN Congress in Tenerife

From February 2nd to February 4th 1999 the Fourth Congress of the Euroacademia Multidisciplinaria Neurotraumatologica was held in Tenerife in the Canary Islands. The Congress was opened by the President of the Government of the Canary Islands on behalf of Her Majesty the Queen of Spain, Honorary President of the event.

It is common knowledge that while injuries to the central nervous system usually occur in a very short time period, post-traumatic events continue to occur for long periods of time afterwards and, more often than not, result in neurological deficits.

The accident causing the injury starts a chain of events the different links of which are treated by different specialists. A "pre-link" in this chain is prevention. Although difficult to demonstrate in figures, there is a strong generalised feeling that the most effective and the most efficient measures are those intended to prevent accidents.

Taking into account the enormous numbers of traffic and non-traffic accidents, any preventive action that reduces even in a small percentage the number of these accidents is of outmost practical importance both in saving lives and suffering and from an economical point of view. In this respect, politicians and legislators, industry, insurance companies and both medical and non-medical associations have to interact very closely if we really want to face up to this problem.

The next link has to do with problems related to the transportation and emergency management of the injured. In this criti-

cal period, management of the patients is shared by many medical and paramedical persons. Fast transportation and clear rules about "what-to-do" and "what-not-to-do" have to be accepted, widespread and generally used to minimise further damage to the CNS.

The following stage, the first 2 weeks in hospital, is also a critical period. Apart from some well established surgical treatments, such as in the case of epidural haematomas, the "medical" management of severe head injuries remains controversial and much more research is needed if we want to change the natural course of events and clearly improve the results.

Beginning already in this period and lasting several months, sometimes even years, is the rehabilitation and reinsertion period, which is also of outmost importance both for the patients and their families. This topic will undoubtedly be fully covered in the next meeting in Paris.

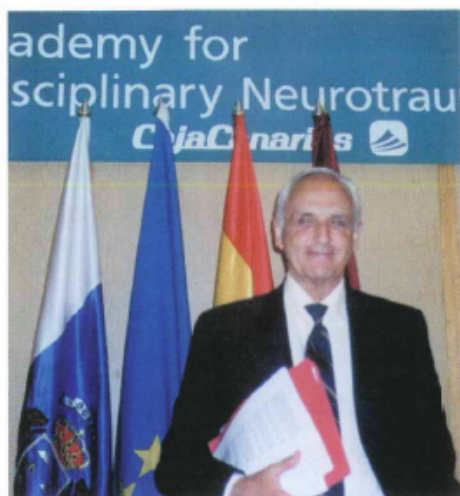
The Euroacademia was created with the main aim of being a forum for discussion of all these topics with the co-operation of different specialists and experts. When we look back to past meetings, look at the Tenerife meeting and look forward to the next meeting I believe that the Euroacademia is moving in the right direction towards achieving its aims, covering all the aspects of injuries to the nervous system in a balanced way. What has been discussed in the four main scientific sessions: general aspects, acute period, fronto-basal injuries and guidelines is reflected in this book. No further comments on



The Pico del Teide, distinctive sign of the Canary Islands and the highest Spanish mountain, seen as bizarre vision by an unknown engraver in the early 18. century

these are necessary because the papers speak for themselves. I would, however, stress the concern of the authors about ethical, preventive and organisational problems and of course about treatment in the acute stage both in the place of the accident and at the hospital. The topic of fronto-basal injuries was well covered from different approaches, thus being a good example of multidisciplinary. The session on guidelines was both critical and fruitful, showing us the long way remaining until common lines are accepted and put into practice by the vast majority of our colleagues.

The Working Group on Neurosurgery of the WHO, chaired by Prof. Armando Basso, had a long meeting during our Congress. The group is mainly concerned



Luis González-Feria, the President of the 4th EMN Congress



The presidium, relaxing. From left to right: EMN treasurer Dr. David Mendelow, EMN General Secretary Federico Hernández-Meyer, Prof. Luis González-Feria, Prof. Jean Luc Truelle and EMN President Klaus von Wild

Zurich '98: Update in Spinal Cord Trauma

The third Congress organised by the Euroacademia Multidisciplinaria Neurotraumatologica in Zurich from the 27 to 29 of August 1998 focused on the update in spinal cord trauma. The main topics were devoted to the most recent findings on basic research, advances and the progress of surgical and rehabilitation therapies. The President of the Congress Prof. Otmar Trentz, Director of the Division of Trauma Surgery at the University Hospital of Zurich, was supported by three experts in this field such as Prof. M. Schwab, Prof. H.G. Imhof and Prof V. Dietz. Over 200 participants met during the congress. There was a total of 24 posters, 36 oral presentations of which 15 were from invited speakers. The congress was financially supported by 15 companies which were present at the commercial exhibition during the meeting. Three practical and educational workshops were organised. The first on sensory motor rehabilitation led by Prof. V. Dietz and two others kindly supported by Stratec Medical, the first on imaging and computer navigation of spine surgery by Prof. Nolte and the second on instrumentation of spinal fractures by PD Dr. Thomas Kossmann.

Latest results

The topic of basic research of spinal cord trauma reported the latest results on the mechanisms of inflammation, repair, restoration of functional connections mediated by the blockade of myelin inhibitory proteins. In

addition, transplantation of Schwann cells genetically modified to produce neurotrophic factors within the injured spine and potential toxic agents like nitric oxide as well as the application of motor evoked potential to determine the damage of motor tract demyelination were presented in this session.

Upcoming techniques

In regard to upcoming techniques in spinal surgery a large emphasis was given to computerised navigation, image guided and open MRI spine surgery aimed at improving the right positioning of the implants, diminishing soft tissue damage caused by the surgical approach, in particular for the ventral access to the spine. These techniques allow a faster recovery of the patient, diminished complication rate and earlier rehabilitation therapy.

Pharmacotherapy

The pharmacological aspect also found a large space during this meeting reporting the success and controversies of the last clinical trials including the NASCIS III with methylprednisolone and SUAW (stand up and walk) biomed-2 based on electrostimulation rehabilitation.

Rehabilitation

The session on rehabilitation covered different aspects of the restoration of neurologi-

cal functions in traumatic paraplegic and tetraplegic patients. Particular emphasis was given to bladder function with sacral anterior root stimulation, stimulation of residual neuronal circuits in the spinal cord and of those proximal to the injured site which are more excitable. The clinical implantation of nerve cuff electrodes as a feedback for functional electrical stimulation of tetraplegic patients was also described. Improvement of locomotor function by activation of spinal locomotor centres in paraplegic patients showed to be relevant for future treatment protocols. Harald Tscherne appointed as EMN honorary member

Of note is the J. Douglas Miller Memorial Lecture given by Prof. H. Tscherne to whom, together with Prof. Brihaye, the honorary EMN membership was given by Prof. Trentz and by Prof. von Wild, president of the EMN. Prof. Dr. Harald Tscherne, Chairman and Director of the Trauma Department, Hanover Medical School, has been honoured as an outstanding personality and respected teacher, scientist and trauma surgeon, whose contributions have essentially pioneered and promoted modern trauma management in central Europe.

Leisure was not missing during the third EMN Congress. The congress dinner at the Vogtei Herrliberg was accompanied by live music and invited physicians and scientists to a pleasant dance.

Christina Morganti-Kossmann, Zürich

... Review on the 4th Congress in Tenerife

with preventive measures in neurosurgical conditions, specially head traumas, and it was a pleasure to have the opportunity to meet them and to exchange ideas with them.

Two Satellite Symposia were held prior to the Congress: one was dedicated to Cranio-Cerebral Injuries and the other to New Drugs in Posttraumatic Epilepsy. Both had very good scientific level and numerous audience.

But the Euroacademia is not only a Cartesian scientific forum. It is also a place to cultivate the often-forgotten world of emotions, in the best Daniel Goleman sense. A place to meet friends with common interests, to share new experiences, to savour new food, to enjoy new landscapes or to listen to new melodies, which is just

as important if we want to be really human beings. And all this is better accomplished within a scientific family, particularly a middle-sized family such as the EMN family. I hope you enjoyed the Concert of Canarian Modern Music by Benito Cabrera at the official dinner and the excursion around the snow covered Pico del Teide the day after.

In this Meeting we tried hard to cover both aspects of our „brain activity“, the intellectual and the emotional. This had not been possible without the very active help of the members of the presidium, the lecturers and all the attendants. I hope we came close to our aims.

Luis González-Feria

Welcome

The progress in Neurotrauma is the reflection of hard work by gifted and ambitious professionals who are interested in getting various data analysed, studied and then reported. Their findings help the human race and the patients in particular. Medical science has always gained if multifaceted professions joined together their efforts in common pursuit.

It is my pleasure to inform you that during the EMN Meeting in Tenerife on 2nd February 1999 we accepted 16 new members. Thirteen of these became ordinary members and three became corresponding members. Their names are as follows:

Ordinary members:

Prof. Dr. Mike Barnes, Academic Unit of Neurological Rehabilitation, Newcastle upon Tyne, GB

Dr. Bruno Baumann, University Psychiatric Hospital Magdeburg, D
 Doz. Dr. Klaus Grätz, Maxillofacial Surgeon, University Hospital Zurich, CH
 Prof. Dr. T. Kenner, Institute of Physiology Karl-Franzens University Graz, A
 Prof. Dr. Maria Christina Kossmann-Morganti, Unfallchirurgie, University Hospital, Zurich, CH
 Prof. Dr. Andrew Maas, Department of Neurosurgery, University Hospital Rotterdam, NL
 Prof. Dr. Tiit Mathiesen, Department of Neurosurgery, Karolinska Hospital Stockholm, S
 Prof. Dr. John Pickard, Department of Neurosurgery, University of Cambridge, GB
 Prim. Dr. Peter Pilz, Landesnervenklinik, Department of Neurology, Salzburg, A
 Prof. Dr. Bertil Rommer, Department of Neurosurgery, University Hospital Lund, S
 Prof. Dr. Reto Stocker, Department of Intensive medicine, University Hospital Zurich, CH
 Prof. Dr. Urban Ungerstedt, Department of Physiology and Pharmacology, Karolinska Hospital Stockholm, S
 Dr. Klaus Wiedmann, Neuropsychology, Landgut Theisewitz, D

Corresponding members:

Prof. Dr. Armando Basso, Prof. of Neurosurgery, Buenos Aires, Argentina
 Prof. Dr. Sayed El Gindi, Prof. of Neurosurgery, Heliopolis, Cairo, Egypt
 Prof. Dr. A Zitnay, Prof. of Neurosurgery, University of Virginia, USA

With new members we hope to widen the spectrum of activities in the field of Neurotrauma and we sincerely congratulate each one of them.

Matej Lipovsek
 EMN Registrar

Our member
Prof. Jerzy Wronski,
 Vice-President of the Central European Neurological Society and President of the Lower Silesian Foundation of Health Care Development, on occasion of his nomination as Honorary President of the Polish Society of Neurosurgery at the Aula of the University in Wroclaw, Poland, in October 1999. Dedicated by the President of the Society,
Prof. Tomasz Trojanowski (r.), also member of the EMN.



www.euroacademia-emn.com



Do you usually surf on Internet? Have you already visited the EMN homepage? Do you know that we have allocated one individual page for each EMN member?

Our EMN Website is an additional tool to create connections and to improve the communication between the EMN members. But also to facilitate the access and dialog of other experts involved in the medical care of patients with head injuries. It is obvious that other scientific academies, societies, associations and research insti-

tutions should have access to our achievements. The Tenerife Proceedings will be published in our homepage too.

To improve the dialogue between the EMN members it is important that the personal data, contact addresses, main fields of research, recent publications etc. are constantly updated. May I ask you to surf through our Website and to check if your site is correct? Would you send me an update? 20 minutes of each of you would contribute to a significant improvement of our www.euroacademia-emn.com and this would be an important step in the achievement of our aims: "The advancement of neurotraumatology in research, practical application and teaching".

Phone: +49-6151-722738. Fax: +49-6151-726708. E-mail: hernande@merck.de

Federico Hernandez-Meyer
 General Secretary

Next Meeting of the EMN Presidium

The members of the EMN Presidium are cordially invited to the official meeting for Friday, April 14th 2000 in Ghent (Belgium), i.e. the morning before the EMN Workshop on Neuroimaging in Brain Injury organised bei Prof. De Reuck.

It will start at 8.00 a.m. and finish at 12.00 p.m. (with the possibility to continue

during lunch until 1.30 p.m.), so it will be enough time for discussing and deciding the programme of the EMN activities for the following years of this new millenium.

The meeting will take place in the Faculty Club of the Ghent University, room Louis XVI.

EMN *communication*
 is published by the Euroacademia Multidisciplinaria Neurotraumatologica - Edited by Federico Hernandez-Meyer and designed by Horst Dieter Bürkle - Printed in Darmstadt.

Main sponsor: Volkswagen, Germany

www.euroacademia-emn.com

For a world on the move - ESP.

ESP, which stands for Electronic Stability Program, monitors a vehicle's movements and steps in at critical moments when your car is in danger of veering out of control. How?

By reducing throttle and selectively braking individual wheels, it keeps your car safely on course. For more details on ESP, make a beeline for your local Volkswagen dealer. Or go straight to our website at www.volkswagen.de



ESP means going from A to B. And avoiding C.



This publication is also sponsored by

CEREBROTECT

Förderverein für neurotraumatologische Rehabilitation e.V.
Frauenburgstraße 32 · D - 48155 Münster