



## International Neurotoxicology Association

# INA Newsletter

### PRESIDENT'S MESSAGE

North Carolina, May 2000

Dear INA Members:

I wish to take this opportunity to inform you about recent activities in our Association.

INA's Executive Committee (EC) convened during the Society of Toxicology (SOT) meeting in Philadelphia (March 2000). It was a lengthy and productive meeting during which we made considerable progress toward finalizing the new bylaws. Once completed, they will be disseminated to the members for final approval. These bylaws will ensure a timely and smooth transition between INA's officers, and should enable us to apply for funds to support our future meetings. Although a number of you have previously expressed concern over the efforts being made toward a more structured association, I do not believe that having the bylaws will change the flexible and amicable character of INA.

The EC also initiated, what I hope will be a long-lasting tradition within INA. We will sponsor a new Student Symposium in which senior graduate students and/or recent PhDs will present their work. INA will do its utmost to provide full financial support for the student presenters. I have pledged to you as an incoming president that I will try to broaden our membership with young and innovative scientists, and I am hopeful that this will serve as a first step in the process.

As you may recall, a few months ago I also queried your opinions about possible INA-sponsorship of a journal. At the time I did not divulge the journal's name. In case you are curious and you still don't know, the journal is Neurotoxicology and Teratology. Many of you have responded to my query, and voiced your opinions. Your e-mails and letters were a testimony to your active interest in our association. Your comments ranged from a warm embrace of the sponsorship idea to adamant objections, a wide spectrum indeed. Over the last few months, I have held unofficial negotiations with Elsevier. At this time, no decision has been made. I have suggested to Elsevier to consider sending a representative to INA-8 to present their views to us, so that we may better gauge the advantages and disadvantages of the sponsorship. Let me assure you that no decisions will be made without consultation with you.

Dr. Kai Savolainen has visited Estoril. He was very impressed with the venue and the enthusiasm of Drs. dos Santos and Batoreu! If you have not yet done so, please consider submitting a symposium proposal for the meeting - but do so expeditiously. Plans are progressing, and we are hopeful we will have a preliminary program and a call for abstracts within few months. Stay tuned and mark your calendars!

Finally, I wish to express my gratitude to the EC members and our newsletter editor. Their steadfast commitment and hard work are behind the success of INA. Thanks, Beverly, Larry, Kai and Kevin!

I look forward to seeing you in Estoril. It surely promises to be an exciting meeting, both scientifically and socially.

Sincerely,  
Miki Aschner

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**INA-8 in Portugal:**

INA-8 will take place in Portugal, in a very nice area along the coast - Estoril Coast - about 20 Km from Lisbon, in June 2001 (from 17 to 22). The INA meeting will take place in the Hotel Estoril Eden, a four star hotel. Past-President Kai Savolainin visited the site with Drs. Dos Santos and Batoreu. He stated that the hotel is very nice



and should make an excellent location for the meeting. The hotel has more than 140 rooms, a restaurant and bar, health club, and two swimming pools. All rooms are air-conditioned and have a TV, direct dial phones and a kitchenette. Transportation is easy. The International Airport of Lisbon is only a short train ride (about 25 min) from Estoril. If you have any questions or proposals, you should contact the local organizing committee or Miki Aschner.

Dr. Maria Camila Cantgiro Batoréu

[mccbatoreu@ff.ul.pt](mailto:mccbatoreu@ff.ul.pt)

Dr. Ann Paula Marreilha dos Santos

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Dr. Michael Aschner

[maschner@wfubmc.edu](mailto:maschner@wfubmc.edu)

**Call for Student Speakers**

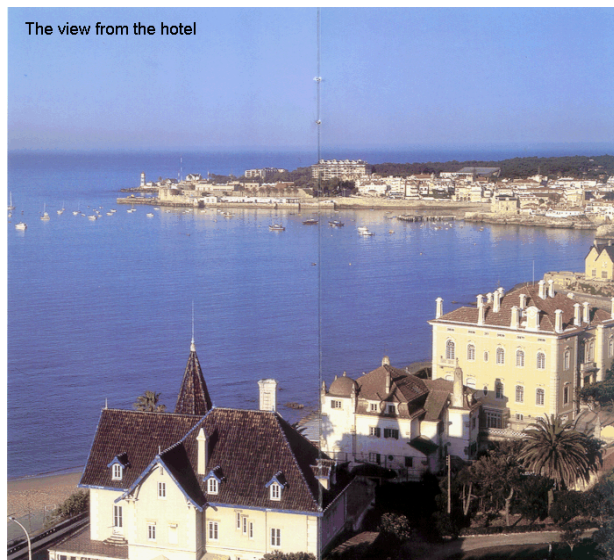
A "Student Symposium" will debut as part of the scientific program of the INA-8 meeting in Estoril, Portugal. The meeting will be held in June 2001 (from 17 to 22). INA invites and encourages qualified students to apply for this opportunity. Accommodation expenses and the registration fee will be waived for the selected candidates. Travel expenses up to \$750 will be covered as well.

The Program Committee will select four student speakers for the Symposium. Thirty minutes will be available for each contribution. The candidates either should be senior PhD students (at a minimum 3rd year) or those who have completed their PhD after 1/1/2000.

With the application, candidates should provide:

1. The title of their contribution
2. A one-page abstract
3. A CV
4. A recommendation letter from their mentor.

Applications should be mailed to Michael Aschner, Department of Physiology and Pharmacology, Wake Forest University School of Medicine, Winston-Salem, NC 27157-1083. The deadline for applications is March 1, 2001.

**INA By-Laws :**

The draft version of the By-Laws for INA got a thorough review at the last meeting of the Executive Committee in Philadelphia. Extensive discussion and incorporation of most of the comments received from members lasted for almost two hours. The final version of the By-Laws will be approved by the Executive Committee in April. Beverly Kulig will submit the draft by laws to legal counsel in the Netherlands to assure that they are consistent with Dutch law. Following legal approval, members will vote by ballot to accept or reject the By-Laws. Ballots should be sent to members sometime in the early summer.

**Election Results:**

The election is over and the votes have been counted. Larry Fechter is the new President-Elect. Congratulations to Larry! His term in that position is to start immediately. Larry will continue to fill the position of Secretary until a new Secretary is installed at INA 8

**Call for Nominations:**

The Executive Committee of INA would like to announce a call for nominations. Elections in the past have not occurred on a regular basis. To alleviate this we are calling for nominations for five positions: Secretary, Treasurer, President-Elect and two Councillors. The Executive Committee plans to expand its size through the election of two Councillors. These members would serve as regular Executive Committee members and would also serve a role in developing the election slate from the list of

in developing the election slate from the list of nominees, approving new member applications, and undertaking other tasks on an ad hoc basis that are important to the Society and for which a broader range of viewpoints is desirable. Councillors will serve for a period of 2 years.

This election should put INA back into a regular two year election cycle. Please nominate people who you think will spend the time to do a good job. The success of INA as a society depends upon the efforts of members and the Executive Committee. Please feel free to volunteer by nominating yourself.

Attached to this newsletter you will a nomination form. Please nominate qualified individuals and send the form to the INA Secretary. Larry Fechter.

### **INA Executive Committee:**

Names and contact information for all members of the Executive Committee of INA are printed on the last page of this newsletter. Please contact your officers with ideas, questions, suggestions, etc. Remember the society is here to serve you. Your participation will ensure the continuing success of INA.

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## **Membership News**

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**New Members:** Congratulations to the following new members of INA:

Marcia Ratner, Boston University, USA  
 Moustafa Abbassy, Alexandria University, Egypt  
 Zuber Deshmukh, University of Kentucky, USA  
 Philip Bushnell, EPA, USA  
 John Rossi, US Navy, USA  
 Andrew Geller, EPA, USA  
 Youssef Dewer, Agricultural Res.Ctr, Egypt  
 Rasha Yehia Rebie, Alexandria University, Egypt  
 Tracy Doucette, Univ of Prince Edward Island, Canada  
 Richard Tasker, Univ of Prince Edward Island, Canada

### **Congratulations!**

INA member Durisala Desaiyah was recently elected as a Fellow in the Academy of Toxicological Sciences. Congratulation to Dr. Desaiyah!!!!

**Dues:** Membership dues for the 2000-2001 years will be due in the fall of 2000. A notice will be sent to all current members. A copy of the dues notice will also be posted to the INA website.

Dues are cheap and are the major source of funds for the society so please remember to pay your dues. Please join if you are not currently a member. In order to increase membership we are asking all members to contact colleagues and ask them to join. Send them a copy of this newsletter, an email, or give them a phone call! Membership information and applications are also available from the INA website at:

<http://www.neurotoxicology.org/member1.html>

### **A Note About EMAIL Addresses:**

To save mailing costs of newsletters and other items of interest, we will be changing over to electronic communications in the near future. If you don't have access to the internet, or lack an email address, do not worry, you will still receive newsletters via mail.

Please notify the INA Secretary whenever you change your email address.

### **INA WebSites:**

Check out the INA Website:

<http://www.neurotoxicology.org>

You can find copies of newsletters, meeting information, a membership application and more. If you have any suggestions or items you would like posted on the website just send a note to Kevin Crofton ([crofton.kevin@epa.gov](mailto:crofton.kevin@epa.gov)).

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## **Research Highlights**

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This is a feature in the INA newsletter where we highlight the research interests of members. Hopefully this will lead to increased interest in these important avenues of research and/or collaborative efforts. In this issue we have a submission from Jacques Maurissen asking for collaborations on a methods development project. Any INA member wishing to highlight their research area or ask for collaboration can send a short article to the editor for publication in the next issue. More immediate needs for dissemination of information can be posted on the INA website or emailed to members.

### **EVOKED POTENTIAL SYSTEM: PROJECT STATEMENT**

The Dow Chemical Company is seeking potential partners in developing a PC-based Evoked Potential system to be used for the examination and assessment of neurophysiological function in experimental animals. The United States Environmental Protection Agency's National Health and Environmental Effects Research Laboratory (NHEERL) has developed a very efficient PC-based system that is modular, highly automated, and can test several animals at a time. The goal is to fund a technology transfer to a commercial vendor who is expert in electrodiagnostic hardware and software systems, BME Systems, Inc. BME Systems will adapt the NHEERL system to a contemporary modular electrodiagnostic system. BME Systems will operate with technical consultation by the Neurotoxicology Laboratory at the Dow Chemical Company, the partners, and NHEERL. Capable of conducting standard electrodiagnostics such as flash, auditory brainstem and somatosensory evoked potentials tests in one or multiple animals, this system would be modular in design to encourage the development of novel testing procedures and protocols. Customized NHEERL software would use a GLP/GALP-compliant architecture and would integrate data acquisition, processing, analysis and management capabilities into one seamless application. This sophisticated system will be designed to offer both flexibility and a user-friendly interface; two characteristics typically absent from traditional electrodiagnostic systems designed for human clinical use. The goal is to reduce the cost of test

systems for each partner by sharing development costs. For further information, please contact Kathryn Iwamasa at Battelle by email at [iwamasak@battelle.org](mailto:iwamasak@battelle.org)

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## Notice to NES2 Software Users

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### Item from INA Member Rick Letz

This is an announcement concerning the NES2 software. The software has been distributed for more than 12 years, but someone else distributed it for most of that time and I no longer have records of all of those who have licensed it. A number of INA members have used the software. All versions of the software except the latest are not Y2K-compliant. Also, some users of a particular range of recent versions of the software may have a problem with an interaction between the action of some joysticks and the Finger Tapping Test in that version of the software.

I have prepared a Y2K-compliant version of the NES2 software that also corrects the potential joystick-Tapping problem. It is available for downloading from the web to all NES2 users. Although there was a licensing fee for the original software, I am providing this update as a service to my colleagues, free of charge.

A Y2K-compliant, free update of the NES2 software (Version 4.81) can be downloaded from:

<http://people.atl.mediaone.net/neurobehav/>

Also, users of NES2 Versions 4.71 through 4.75 should contact Rick Letz at [neurobehav@mediaone.net](mailto:neurobehav@mediaone.net) concerning a potential problem with the NES2 Finger Tapping Test in these versions.

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## Book Reviews

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Here's a book review submitted by Roberto Lucchini

*Occupational Medicine Secrets*. By Rosemarie M. Bowler and James E. Cone, Hanley & Belfus, INC./Philadelphia, 1999.

"Occupational Medicine Secrets" covers a wide array of topics regarding Occupational Medicine in a quick and interesting Question & Answer format. This mini-textbook is organized in chapters written by qualified contributors. The topics run from general principles of epidemiology, toxicology and industrial hygiene to more specific issues regarding hazards from solvents, pesticides, metals, dust, biological and ergonomic factors, noise and vibration. A section on special groups at risk is included that deals with child care workers and women workers in general. The inclusion of this section gives importance to these categories of workers that are generally not fully considered in the other textbooks. Two groups of chapters on Occupational diseases and Practice-related issues complete the book. A traditional presentation of organ and apparatus-classified occupational pathologies is given, together with legal and work-compensation related aspects.

Every single topic is treated by clear and practical questions. The general layout of the book is attractive, with a suitable size and easy to read.

The book covers "classical" topics of this discipline and new aspects as well. The quality is always good and updated information is also given for the more traditional topics, such as silicosis or lead poisoning.

Since this book has been written by Americans, it contains only regulations and threshold limit values of the U.S., however some comparison with different countries would have been useful. Overall, the "secrets" concern clinically-oriented questions, but many aspects concern preventive areas of great interest for non-medical readers.

The format is extremely suitable for students, due to its concise, simple, yet exhaustive presentation. However, I believe that this book will also be useful for occupational health professional already working in this field, since every topic is well updated and offers a key bibliography.

Quick answers can be found to several problems that can be commonly encountered in the daily practice, so I would recommend it to anyone interested in Occupational Medicine.

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## In The News

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The following section of the INA Newsletter highlights recent news items of interest to neurotoxicologists. If you have suggestions for future items, or wish to contribute an item, please contact the Editor.

INA Member Andres Seeber submitted the following information. For more information please contact Andres <[seeber@arb-phys.uni-dortmund.de](mailto:seeber@arb-phys.uni-dortmund.de)>

Short-Report on the "Gesellschaft für Arbeitswissenschaft", GfA, (Ergonomics Association of Germany, Austria and Switzerland)

In 1998/99 the "Gesellschaft für Arbeitswissenschaft" (GfA) has critically and intensively examined its mission and tried to find a new orientation to changed basic conditions in the economical and social environment. As the result of the broad discussion among the members a paper was released characterizing the self-understanding of the GfA. The paper is published on <http://www.gfa-online.de/> on "Was will die GfA? (in German)"

As in the years before, GfA organized two conferences per year. About 250 to 450 participants visited the conferences in various German universities. The best insight into the topics and the focal points of the conferences can be taken via the comprehensive documentation of the congresses. Each of the books is available at the GfA-office (price: 35 DM; e-mail: [gfa@arb-phys.uni-dortmund.de](mailto:gfa@arb-phys.uni-dortmund.de)).

The issues are published in German by GfA-Press (Editor: Andreas Seeber). The extent of the issues demonstrates the increasing endeavors to document the details of the congresses. In principle, about two thirds of the contributions belong to the main topic of the conferences whereas one third belongs to "free topics".

"KOMMUNIKATION UND KOOPERATION"  
(COMMUNICATION AND COOPERATION):  
44. Arbeitswissenschaftlicher Kongress der GfA in Bremen,  
GfA -Press, Dortmund, 1998; 125 pages, ISBN  
-3-9806222-1-5

"ARBEITSSCHUTZ-MANAGEMENTSYSTEME - RISIKEN ODER CHANCEN ?" (MANAGEMENT SYSTEMS FOR WORK PROTECTION - RISKS OR CHANCES?) 45. Arbeitswissenschaftlicher Kongress der GfA in Karlsruhe, GfA - Press, Dortmund, 1999; 390 pages, ISBN , -3-9806222-2-3

"ZUKUNFT DER ARBEIT IN EUROPA: GESTALTUNG BETRIEBLICHER VERÄNDERUNGSPROZESSE" (FUTURE OF LABOUR IN EUROPE: CHANGE PROCESSES IN COMPANIES) Herbstkonferenz der GfA in Hannover, GfA-Press, Dortmund, 1999, 421 pages, ISBN 3-98066222-4-x

"KOMPLEXE ARBEITSSYSTEME - HERAUSFORDERUNGEN FÜR ANALYSE UND GESTALTUNG" (COMPLEX PROCESSES OF WORK - A CHALLENGE FOR ANALYSIS AND DESIGN) 46. Arbeitswissenschaftlicher Kongress der GfA in Berlin, GfA -Press, Dortmund, 2000; 725 pages, ISBN -3-9806222-5-8

### The following item was submitted by the Editor.

This is an interesting story about an avian neurological disease of unknown etiology.

From Arkansas Game & Fish Commission

[http://www.agfc.state.ar.us/whatsnew/ark\\_outdoors/981209.htm](http://www.agfc.state.ar.us/whatsnew/ark_outdoors/981209.htm)

Bismark, Arkansas, USA - Scientists and field crews are focusing on DeGray Lake in southwest Arkansas again with a multifaceted investigation into the mysterious and unidentified disease that has killed many bald eagles and coots.

The Arkansas Eagle Mortality Task Force was organized in 1997 and is coordinating research work on the problem. The group includes representatives from a variety of public agencies, universities and private organizations. Field work is being spearheaded by the Arkansas Game and Fish Commission and the U.S. Army Corps of Engineers.

The ailment first arose in November 1994, and nearly 60 eagles have been found dead at DeGray Lake, Lake Ouachita and Lake Hamilton in Arkansas. The same disease appeared last year at a lake in North Carolina and a lake in Georgia. Coots died at these locations, but no eagles were known to have been affected. Coots with Coot and Eagle Brain Lesion Syndrome (CEBLS) have been found in recent weeks at both the Georgia and the North Carolina lakes. No positive CEBLS coots have been found in Arkansas so far this fall and winter.

Eagle Task Force members created a name for the problem, Coot and Eagle Brain Lesion Syndrome (CEBLS). It is an avian disease believed to be caused by an unknown neurotoxin. It causes a signature lesion in the white matter of the brain and in the spinal cord of affected birds. To date, the bald eagle and the American coot are the only species known to be affected by CEBLS. The ailment first arose in November 1994, and nearly 60 eagles have been found dead at DeGray Lake, Lake Ouachita and Lake Hamilton in Arkansas lakes. The Arkansas deaths are the largest known cases of eagle mortality in the history of the nation.

Tests for the following diseases and poisonous compounds have been negative: botulism, infectious diseases, acute organophosphates and carbamates, algal poisoning, arsenic, barbiturates, cyanide, heavy metals, organochlorines, organolead, rodenticides, salicylanilides, sodium fluoroacetate, strychnine, thallium, tin, and T-61. Prion related diseases, such as mad cow disease, have also been ruled out.

Symptoms of the disease in coots include a reluctance to fly, erratic flight with the posterior of the bird bobbing down while flying, and an inability to fly. While swimming, coots often demonstrate a partial paralysis on one side of the body that results in circular swimming with one leg extended and swimming upside down. On the ground, the coots stumble and wobble similarly to an alcohol-impaired individual.

Affected eagle behavior is generally noticed only in the latter stages of the disease and appears as erratic flight and walking. A few sick eagles have been captured and transported to veterinary clinics for treatment, but no treatment has been discovered for stopping the progression of CEBLS. Most of the affected eagles are found dead.

Research efforts underway include:

- \* Water quality analysis with post-storm monitoring by Ouachita Baptist University.
- \* Bald eagle movement and feeding behavior studies by Arkansas State University.
- \* American coot banding and movement monitoring by the Army Corps of Engineers, the Arkansas Game and Fish Commission, and Ouachita Baptist University.
- \* Coot feeding and behavior habits by Texas A&M University.
- \* Toxicology analysis of affected tissues by the National Center for Toxicological Research.
- \* Collection and analysis of plankton and aquatic plants by Henderson State University.
- \* Aquatic and upland plant inventories by the Arkansas Natural Heritage Commission and Henderson State University.
- \* Preparation of a Geographical Information System database by the University of Georgia.

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## **International Research Opportunities**

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In this section of the INA Newsletter we publish information about international research opportunities. Please send the Editor information about any international research opportunities.

**Fulbright Scholar Program:** provides US scientists with overseas travel opportunities ranging from 2-12 months information from [www.cies.org](http://www.cies.org) <<http://www.iie.org/cies/>>

**Zeneca Traveling Lectureship Awards:** The Zeneca Traveling Lectureship Awards are presented through the Society of Toxicology to recognize excellence in research and service in toxicology. Zeneca, Ltd., provides two awards annually to promote greater collaboration between European and North American toxicologists and to enable North American toxicologists to undertake a three- to four-week lecture tour of Europe. Applicants must be members of SOT.

<[www.toxicology.org/Awards/awards.html](http://www.toxicology.org/Awards/awards.html)>

**Fogarty Center of NIH:** Provides research training opportunities for non-US scientists seeking to undertake training at a US laboratory. Information from [www.nih.gov/fic/opportunities/index.html](http://www.nih.gov/fic/opportunities/index.html)  
<<http://www.nih.gov/fic/opportunities/index.html>>

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## Open Positions

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### Postdoctoral Position:

The National Health and Environmental Effects Research Laboratory (NHEERL) of the U.S. Environmental Protection Agency (EPA) is seeking candidates to fill approximately 10 federal post-doctoral research positions during the coming year. As one of the national laboratories within the Office of Research and Development (ORD), NHEERL is EPA's focal point for scientific research on the effects of contaminants and environmental stressors on human health and ecosystems. NHEERL utilizes a multi-disciplinary approach to solving research problems. Assimilation and integration of information across environmental disciplines and across multiple levels of biological organizations (from molecular to the whole organism, and from the organism to the ecosystem levels) strengthen analyses of environmental issues. Several of these positions will present developmental opportunities which may be cross-organizational or cross-disciplinary; i.e., within or across NHEERL ecology or health divisions; across lab and human or ecological field studies; and across other national laboratories/centers within ORD or regulatory program offices within EPA.

Because of NHEERL's broad research mission and multi-disciplinary approach, we are seeking candidates from a wide range of disciplinary backgrounds. The preferred candidate will have earned a Ph.D. in one of the following areas (or a closely related field): biochemistry, biology

(e.g., cellular, molecular), biomedical or chemical engineering, biostatistics/modeling, development and reproduction, ecology (e.g., aquatic, coastal systems, coral, ecosystem, estuarine, landscape, marine, microbial), ecotoxicology, endocrinology, environmental sciences, epidemiology, genetics, geographic information science, geomorphology, geostatistics, immunology, microbiology, neurosciences, pharmaceutical sciences, pharmacology, physical chemistry, physiology, plant physiology, population/community modeling, pulmonology, or toxicology. Candidates with an M.D. or D.V.M. degree and a background demonstrating experience conducting scientific research may also be considered.

For more information go to:

<http://www.epa.gov/nheerl/postdocs/>

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## Future Meetings of Interest

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**Neuroscience of HIV Infection - Basic Research and Clinical Frontiers** ; Start Date: 6/22/2000 Last Date: 6/24/2000 Location: Edinburgh, Scotland, UK. Sponsors:

Various international AIDS service organizations and universities. Contact: Angela Penman, Department of Pathology (Neuropathology), Western General Hospital, Alexander Donald Building, Crewe Road, Edinburgh, EH4 2XU, Scotland. TEL: (00 44) 131 537 1975, FAX: (00 44) 131 537 1013. E-mail [apenman@serv0.med.ed.ac.uk](mailto:apenman@serv0.med.ed.ac.uk), WEB: <http://www.unaids.org/>

### European Meeting for the Experimental Analysis of Behaviour.

The Fourth Meeting (EMEAB 4) will be held in Amiens, France in July 9-13, 2000. The general topic of the meeting will be: Ecological and Economical Approaches to Behaviour. However, other presentations will be welcome, especially about: Behavioural pharmacology (especially drug and substance abuse), Developmental disabilities and autism, Classical and operant conditioning in animals and humans, Behavioural therapies, Behavioural medicine, Official languages: French and English. Presentations will include posters, symposia, and oral communications. Deadline for abstracts: January 2000, 31. Consult the web site for further details.

<http://www.u-picardie.fr/~LaboECCHAT/EMEAB4/>

### Measuring Behavior 2000 - 3rd International Conference on Methods and Techniques in Behavioral Research,

Nijmegen, The Netherlands, 15-18 August 2000. Measuring Behavior 2000 will offer an attractive mix of oral papers, poster presentations, technical demonstrations, training sessions, user meetings, scientific tours, an exhibition of scientific books, instruments and software, and a pleasant social program. All presentations will deal with innovative methods and techniques in behavioral research.

<http://www.noldus.com/events/mb2000/index.html>

### XIVth International Congress of Neuropathology in the

Historic City of Birmingham 3-6 September 2000. On behalf of the International Society of Neuropathology, we have great pleasure in inviting you to attend the XIVth International Congress in Birmingham, UK, in September 2000. At the advent of a new millennium, rapid developments in basic research in neuropathology have great implications for the understanding of causes and effects of diseases afflicting the nervous system and muscle. Applied research in neuropathology is equally strong and steadily improves the accuracy of our diagnostic work. Participation in this congress will enable you to meet neuroscientists and colleagues from all over the world and to present and discuss your own ideas and data

<http://www.nan.org.uk/2000/welcome.shtml>

### Behavioral Toxicology Association and the

**Neurobehavioral Teratology Association:** BTS and NBTS announce a joint annual meeting June 25 - 29, 2000. The Breakers Hotel West Palm Beach, Florida. The meeting will begin with the Behavioral Toxicology portion of the meeting will begin Sunday morning with platform presentations and the BTS business meeting, followed that afternoon by a symposium on Impulsivity. A "President's Reception" will be held Sunday evening, jointly attended by BTS, NBTS and Teratology Society registrants. On Monday morning, NBTS

meetings will occur (the Publications and Public Affairs Committees and Council), after which a joint BTS/NBTS luncheon will precede the first Annual Primedica Lecture. On Monday afternoon, the program will continue with the joint BTS/NBTS symposium (Revisiting the Developmental Neurotoxicity Test Rule). On Monday evening there will be a joint BTS/NBTS/TS poster session and mixer. Tuesday morning will begin with the joint NBTS/TS symposium (Folate and Birth Defects) followed that afternoon by the NBTS symposium on Gender Differences and Substance Abuse. Wednesday's activities will open with the final NBTS symposium (Toxic and Essential Trace Elements), followed that afternoon by NBTS platform presentations and the NBTS business meeting. The meeting will conclude after a Thursday morning platform session. The Breakers is an excellent location: the facilities are outstanding and should provide an ideal setting for our scientific program, as well as a pleasant place to relax and have some fun. (the editor offers apologies to Merle Paule from whom I 'borrowed' the program description see above) For more information see:

<http://home.att.net/~angerk/BTSmeeting.html>  
<http://nbts.bsbe.umn.edu/nbtsmemo.html#PRGM2000>

**Announcing the 3rd ALBANY CONFERENCE on Frontiers of Mitochondrial Research**, September 14-17, 2000, Rensselaerville, NY. This is a call-for-participation in an international conference with special emphasis on: Mitochondrial structure, dynamics and compartmentation and Mitochondrial membrane transport processes and signaling. The organization and format of the meeting will be modeled after that of the first two Albany Conferences on mitochondria, held in 1996 and 1998, which is designed to enhance informal exchange of ideas and the latest information, with conferee participation in formulating the agenda, as described below. The homepage for the conference (with on-line registration) will be set up at [www.wadsworth.org/albcon00](http://www.wadsworth.org/albcon00) around April 1, 2000.

If you wish to preregister for this conference, please contact Carmen Mannella (see below). July 21 is the deadline for receipt of preregistration forms and abstracts. Contact: Carmen Mannella, Albany Conference 2000, Email: [carmen@wadsworth.org](mailto:carmen@wadsworth.org). Fax: 518-402-5381; Phone: 518-474-2462. Mailing address: Wadsworth Center, Empire State Plaza, Albany, NY 12201-0509 USA

## Change of Addresses:

Professor Delgado-Garcia has moved:

Prof. José M. Delgado-García  
 Laboratorio Andaluz de Biología  
 Univ. Pablo de Olavide  
 Ctra de Utrera Km 1  
 41013-Sevilla, Spain  
 Phone: +34-954-349374  
 Fax: +34-954-349375  
[jmdelgar@dex.upo.es](mailto:jmdelgar@dex.upo.es)

Dr. Romero has moved from France to England

Dr. Ignacio A. Romero  
 Department of Biological Sciences  
 The Open University  
 Walton Hall  
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 UK  
 Tel 44 1908 659467  
 e-mail: [i.romero@open.ac.uk](mailto:i.romero@open.ac.uk)

Dr. Raymond Niesink has a new address:

Trimbos-Institute  
 Drugs Information and Monitoring System  
 PO Box 725  
 3500 AS Utrecht  
 The Netherlands  
 tel. +31 30 2971171  
[Rniesink@Trimbos.nl](mailto:Rniesink@Trimbos.nl)

## Interesting Web Sites

Here are two sites that behavioral toxicologists should find both interesting and useful.

Journal of the Experimental Analysis of Behavior  
[www.envmed.rochester.edu/wwwrap/behavior/jeab/jeabhome.htm](http://www.envmed.rochester.edu/wwwrap/behavior/jeab/jeabhome.htm)

Journal of Applied Behavior Analysis  
[www.envmed.rochester.edu/wwwrap/behavior/jaba/jabahome.htm](http://www.envmed.rochester.edu/wwwrap/behavior/jaba/jabahome.htm)

## **Minutes INA Executive Committee Meeting --- Philadelphia 19 March 2000**

**Members present: Kai Savolainen, Michael Aschner, Laurence Fechter, Beverly Kulig, and Kevin Crofton**

**President Aschner called the meeting to order.**

**The minutes of the July 1999 EC and business meetings were approved without amendment.**

**A motion was made and seconded calling for a discussion at the next business meeting concerning whether e-mail and the web site shall serve as sufficient notification to the membership of all matters unless a member requests that notification must be made by traditional (air mail) notification.**

**Alterations in the By Laws were considered with a decision made that the revised by laws will be distributed by mid April to EC members by e-mail. The amended by laws shall be considered approved unless a member of the EC transmits within seven days a comment to the contrary. Beverly Kulig shall simultaneously submit to legal counsel in the Netherlands the draft By Laws to assure that they are consistent with Dutch law.**

**Miki Aschner informed the Executive Committee that Larry Fechter was selected by the membership to be the President Elect. His term in that position is to start immediately. Larry will continue to fill the position of Secretary until a new Secretary is installed at INA 8**

**Nominations for the offices of President Elect, Secretary, and Treasurer of the Association are due by 15 February 2001 and a call for nominations shall be published in the next Newsletter of the Association being prepared by Kevin Crofton.**

**Larry Fechter provided a list of all new full and student members of the Association for approval. The applications of David Helton and Evelyn Tiffany-Castiglioni were also considered and approved by the full executive committee.**

**Beverly Kulig reported that the Association currently has a total account balance of approximately 70,000 NL Guilder and an additional 22,000 NL Guilder in the Hooisma Fund.**

**Miki Aschner indicated that no further discussion had been held concerning the possible sponsorship of a neurotoxicology journal by INA. In the event of further discussions, the EC and membership shall be consulted and a vote of the membership taken on any proposed changes.**

**It was decided that Beverly Kulig should send dues notices to all members in September payable by 31 December 2000.**

**New Business:**

**INA8 will be held in Estoril Portugal. The meeting facilities are adequate and the locale there is beautiful.**

**There is a need to call for symposium ideas from the membership. This shall be addressed in the next newsletter.**

**Miki Aschner proposed and the Executive Committee accepted a plan to hold a special student symposium. Students who wish to participate in this symposium will submit their CV, abstract, a tentative title and a letter of support from their mentor to participate. Those selected (approximately five students) will receive travel support from the general accounts of INA and a waiver of the registration fee. A call for abstracts shall be published.**

**There was discussion of the use of INA funds to support travel expenses of EC members at EC functions. While no firm decision was made, it was decided that whenever possible, EC members shall endeavor to find other sources of support whenever possible and especially when EC meetings are being held at meetings that the member would be attending otherwise. However, it was recognized that there would be times when some financial support will be required for EC members.**

**The executive committee meeting was adjourned at 6:45pm**

**Respectfully submitted**

**Laurence D. Fechter,  
Secretary**



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## INA Nomination Ballot

Nominations are solicited for five positions on the INA Executive Committee. Please fill in the form below and return to the INA Secretary. You may also email your suggestions (just include the information listed below).

I wish to nominate the following INA Members for the position of President-Elect, Secretary, Councillor or Treasurer: (please print or type)

President-elect: \_\_\_\_\_

Secretary: \_\_\_\_\_

Treasurer: \_\_\_\_\_

Councillor: \_\_\_\_\_

Councillor: \_\_\_\_\_

These Officers will serve on the Executive Committee starting immediately after the meeting in Portugal in 2001. They will serve for a two-year period. The President-elect will then automatically become the President for a two-year period. After that time, he/she will automatically become Past-president for a period of two years.

Please sign below and return to the INA Secretary before August 31, 1999.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Send to: **Laurence D. Fechter, PhD**  
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**email: [Laurence-Fechter@ouhsc.edu](mailto:Laurence-Fechter@ouhsc.edu)**