



International Neurotoxicology Association

INA Newsletter

PRESIDENT'S MESSAGE

North Carolina, September, 1999

It is my honor and pleasure to serve as president of INA for the coming 2 years. Membership in INA is diverse. Students, fellows, physicians and researchers from various countries and continents are joined together by common interest. Our mission, however, remains focused: to further the goals of the Association. As neurotoxicologists, we are charged with promoting communication and disseminating scientific knowledge between our members as well as other organizations. My goal is to continue to try to build solid bridges between all perspectives so we can move forward together. While, we are not a policy setting body, we do serve as a conduit for new ideas, suggestions and concerns.

While we share different views regarding the size and ultimate mission of INA, I believe that future investment should be directed at broadening INA's general membership and assuring that a vital, regenerative pool of young people and their ideas become an integral part of INA. I believe that I speak for the membership at large when saying that we must draw upon a new and young pool of investigators in addressing neurotoxicological challenges of the present and the future.

In an effort to maintain leadership and attain these goals the Association should engage in an aggressive campaign to increase its membership of academic, industrial and governmental neurotoxicologists, and promote investments in the Association by promoting partnerships with related societies. Please inform your colleagues of our Association. Most importantly, an effort should be made to draw young scientists into the Association by providing them with the financial means to attend INA's meetings. INA must embrace these challenges within the context of its missions and priorities, and develop the necessary mechanisms to achieve these goals. Some of these ideas were discussed in the last Executive Committee Meeting in Leicester, and I am hopeful that we will be able to institute some financial means for promoting the attendance of students and fellows at INA-8 in Portugal, 2001.

Please call or e-mail me if you have something for the Executive Committee to consider. It could be a new program to benefit our members or maybe an idea for communicating news about yourself or your research. The more we get to know one another, and the more we know about how to work together, the better we will be. I wish to take this opportunity to thank

the Executive Committee members that serve you diligently, devoting themselves wholeheartedly to each task. They include our Past Presidents Gerhard Winneke and Kai Savolainen, Treasurer Beverly Kulig, Secretary Laurence Fechter, and Kevin Crofton who is in charge of the Newsletter.

Finally, I wish to acknowledge the warm hospitality we have all experienced in Leicester, and salute David Ray and his associates for a job well done. I also want to wish Drs. dos Santos and Mateus a productive journey as they embark on their plans to host INA-8 in Estoril, Portugal.

Sincerely,
Miki Aschner

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Future INA Meetings

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). You may arrive to the International Airport of Lisbon, and take a train (about 25 min) to Estoril. We invite you all to INA-8 and you can be sure that we'll do our best to offer you a challenging scientific program and an interesting social program. If you have any questions or proposals you may contact us.

Dr. Maria Camila Cantgiro Batoréu
mccbatoréu@ff.ul.pt

Dr. Ann Paula Marreilha dos Santos
apsantos@ff.ul.pt

Future Locations for INA Meetings? Progress is being made on the locations for INA-9 and INA-10. During the business meeting at INA-7 a motion was proposed by Gerhard Winneke and seconded by Dr. Desi to hold INA-9 in Jerusalem and approved by the members. The Meeting will be held under the auspices of Israeli Society of Toxicology and Weizman Institute

A proposal was made by Kiti Muller to hold INA-10 in Finland. A motion was proposed by B. Kulig to develop a full proposal for INA-10 in Finland. Possible co-sponsors include: Finnish Institute of Occupational Health, Finnish Brain Research Society, Finnish Society of Toxicology.

Draft By-Laws

A copy of the first draft of the By-Laws for INA are attached at the end of the newsletter. Please review this document and send your comments to the INA Secretary, Larry Fechter, as soon as possible. The time-line for formal adoption of the by-laws and incorporation of INA are as follows:

October 1999 – Mailing to all members
Oct-Dec 1999 - Revisions based on member comments and legal advice
February 2000 - Approval by Executive Committee
March 1, 2000 – Vote of Membership by Ballot
June 15, 2000 – Final Signing

*** Call for Nominations ***

Members are requested to submit nominations for the office of President-Elect of INA. The nominee should be a person with recognized standing in the international neurotoxicology community, have excellent organizational skills, and be ready to donate time and effort to ensure the ongoing success of INA. A ballot is attached. Please complete the ballot and send it to the Secretary, Larry Fechter. You can send the ballot by mail, fax, or email.

Once all the nominations are received, a slate of

candidates will be chosen by the Nominations Committee (chaired by the Past-President). Ballots will then be sent to all members.

DEADLINE for Nominations: December 1, 1999.

Volunteer 'Regional Contacts' Needed

Volunteers are needed to serve as 'regional representatives' for INA. These representatives would strive to increase membership and serve as focal points for the distribution of information both to and from the general membership. If you wish to volunteer please send a note to the 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.

INA Web Site

INA now has an official website:

<http://www.neurotoxicology.org>

You can find copies of old 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).

Due to a very large hurricane named Floyd, the computer that runs the INA website was down for a couple of days during September. Sorry for any inconvenience.

Membership News

Membership Directory:

A new membership directory is included with this newsletter. Please check to make sure your membership information is correct. If you are not listed it probably means you did not pay dues. Please note that the information contained in the membership directory is confidential and not to be passed on to non-members. Contact the INA Secretary, Larry Fechter, for any questions about membership. *Please keep Larry informed when you change your mail address. Please keep Kevin informed if your email address changes.*

Dues are cheap and are the major source of funds for the society so please remember to pay your dues. If you are not currently a member please join. 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>

Notice of Dues Increase:

One action taken at the INA Business Meeting held in Leicester was to vote to make a modest increase in the dues structure for INA. This change is necessitated in part by the anticipated increase in postal costs that will be experienced now that we no longer have a sponsoring organization willing to cover this cost. The dues for new members has now been set at 70 Dutch Guilder or \$US 35 for a period of two years. This is still one of the major "bargains" in professional society dues. Members are urged to pay their dues in the local currency at the time of the INA meeting as this will reduce greatly the expense of making currency exchanges. Further, members are asked to rely increasingly upon e-mail and the INA website as a source of information about INA.

Is Your EMAIL Address Correct?

Have you received any recent email from INA? If not, perhaps your email address is missing from our database. Or, we have an old version that no longer works. Your ability to receive email will be very important in the near future. Mailing newsletters internationally is a major cost to INA. 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.

A number of members do not have email addresses. Listed below are members of INA (or friends of INA - people who have attended INA meetings in the past) who do not have an email address or have an email address that does not work. If you have a new email address, or know the email address of anyone on this list, please send a note to Kevin Crofton (crofton.kevin@epa.gov).

Missing Members or Friends of INA (email addresses as listed do not function)

Aaserud, Olaf
 Al-hachim,Ghazi
 Altenkrich, Holger
 Amaral-Mendes,Jose J.
 Arlien-Soborg,Peter (rh05179@cbmitn1.rh.dk)
 Barril,Jose (jose.barril@umh.es)
 Batrikova, Nataliya (human@adm.bio.msu.su)
 Nazarenko, Irina V.(human@adm.bio.msu.su)
 Beneike, Uwe (ubeneickenekndu@t-online.de)
 Brose,Nils (brose@mail.mpien.gwdg.de)
 Candura, Stephano M.
 Domingo, Jose L. (jldr@fmcs.urv.es)
 D'Mello, Glen
 DaPalma-Goncalves, M.
 deBlaquiere,Gail (g.e.deblaquiere@ncl.ac.uk)
 DosSantos, Ana P.
 Ernst,Steffan (steffan.ernst@agrevo.com)
 Finkelstein,Yoram (yfinkelstein@mda.huji.ac.il)
 Franchini, Innocente
 Goffeng, Lars Ole
 Gomez, Mercedes (mga@fmcs.urv.es)
 Gunnarsson, Lars-Gunnar
 Hart, Robert
 Hidalgo,Juan (j.hidalgo@cc.uab.es)
 Jadhav, Arun (pharaljadh@tsu.edu)
 Johnson, Martin K.
 Korbo, Lise
 Lam, Jan
 Llobet, Juan M. (jmlm@fmcs.urv.es)
 Munoz, Carmen
 Myers,David
 Pires de Lima, J. A.
 Rist, Robert J.
 Sanz, Pilar
 Savelieva, Katerina (human@adm.bio.msu.su)
 Serratosa-Serda, Joan
 Skripsky,Thomas (thomas.skripsky@cp.novarits.com)
 Sun, Keren
 Svanborg, N.
 Tavares, Amelia M.
 van der Voet, Gijsbert
 Van Liefde, I.
 Verity, M. Anthony
 Weng, Boey Kam
 Winneke, Gerhard (winneke@re.uni-duesseldorf.de)
 Xie, Kequin
 Uranova, Maria G.(human@adm.bio.msu.su)

INA Journal Sponsorship?

Dear INA member:

INA has been approached to consider sponsorship of a journal. The sponsorship does not require a contribution directly from the organization, and INA would not have to contribute funds. As a benefit to our members, a reduced subscription rate to individual INA members would be available. Commonly, in these types of agreements, and we will obviously have to negotiate our own, the journal subscription would be mandatory for full members. We will insist on negotiating a hardship provision to allow people to apply for waiver of the subscription requirement if they cannot afford it. Graduate students and postdocs will have the option to subscribe to the journal or decline, at their option. Honorary and emeritus members will also not be required to subscribe to the journal.

As I view the opportunity, there are a number of benefits to INA as an organization as well as for individual members:

- (1) a reduced rate for publishing the Association's meeting program and abstracts, and the Association's roster of members.
- (2) Ten members of INA's choosing for appointment to the Editorial Board.
- (3) INA listed on the cover as a sponsor.
- (4) INA might be able to negotiate funds from the journal for the meetings, reducing registration costs.
- (5) INA would also have one vote in selecting an Editor-in-Chief for the journal.
- (6) Membership is likely to increase, as we will have a readily available venue for disseminating information, and an already existing mass of readership.

As in most cases, there are negatives as well.

- (1) INA was established as a "loosely"-organized group of scientists, and having an official sponsor is another step towards formalization, adding to the bylaws drafting that is currently under way. I know that many of you don't like the idea. Within a more global context, is INA's image going to differ from SOT or other societies?
- (2) The membership dues are likely to get higher (I wish I could give you a figure, but it is too early), since journal sponsorship will mandate that most of us subscribe to the journal.
- (3) Is an increase in membership desired?

The EC would greatly appreciate your thoughts and comments. Before we decide to proceed with negotiations I would like to know your opinion. Please send it directly to me (my e-mail is maschner@wfubmc.edu), Kevin (crofton.kevin@epa.gov), or Larry (fechter@uokhsc.edu), or even better, the three of us.

We have an opportunity to act if the membership so desires.

Thanks.
Miki

INA or INA or INA.....

We are not alone..... There are other INAs: A recent web search revealed the following other INAs, all of which have their own separate existence, blissfully unaware of ours. They are the:

- International Nanoplankton Association: They held their INA-7 in Parguera, Puerto Rico on Feb 10-13, 1999.
- International Nanny's Association: Almost certainly stricter than us.
- Illinois Nurseryman's Association: Probably prettier than us.
- Irish Northern Aid committee: Possibly more dangerous than us.
- Institut National de l'Audiovisuel: Far more film stars than us.
- Ina, King of Wessex (688-728), son of Ceadwall: Deader than us, but he still has his own web site!

This list should teach us to avoid using unidentified TLAs [note, TLA = Three Letter Abbreviation], which are frequently abused in science, and which leads to much unnecessary confusion and impenetrable jargon. Fortunately for us, no one turned up at the INA-7 meeting expecting to meet Ina the seventh!

David Ray

Research Highlights

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 Raymond Niesink asking for collaborations on a risk assessment 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.

A System for the Relative Risk-Assessment of

Recreational Drugs: With a few institutes, we are working on a system for the risk assessment for recreational drugs. We would like to know whether other colleagues already have developed such a system/database or like to join this project. What we plan to make is a scientifically based system for the relative risk assessment of recreational drugs. Now, the project is a cooperation of three partners, but we like to come in contact with others who want to join us. The idea is to develop a database oriented system for the scientific risk-assessment of legal and illegal recreational drugs. The system should make it possible to compare various aspects of a certain compound with those of other drugs. The aspects that should be incorporated are:

- Sources
- Animal and human toxicity
- Neurobehavioral toxicity
- Dependency potential
- Psychological and sociological aspects
- Epidemiology

- Economic aspects

The idea is to start with a few known substances, e.g. amphetamine, heroin, MDMA and THC. The end product will be a system that gives a foundation for the relative risk-assessment of new drugs. Does anyone know of similar systems/databases that have already been developed in related or other fields? People that have expertise in one or more of the fields mentioned above and that are interested in this project, or those who want more information can contact me:

Niesink, Raymond J.M.

Drugs Information and Monitoring System,
Trimbos-instituut, Netherlands Institute of Mental Health and
Addiction,

Da Costakade 45, P.O. Box 725

3500 AS Utrecht, The Netherlands

Tel: +31 30 2971100 Fax: +31 30 2971111

e-mail: Rniesink@trimbos.nl

International Research Opportunities

In this section of the INA Newsletter we are attempting to disseminate 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>>

Burroughs Wellcome Foundation Travel Awards: provides US scientists with opportunities to visit laboratories in Europe for 1-2 months. Applications and information are available through the Society of Toxicology.

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>>

Open Positions

Postdoctoral Position: A postdoctoral candidate is sought to work in the Neurotoxicology Division, National Health and Environmental Effects Laboratory, US Environmental Protection Agency, on a project entitled "Identifying Neurotoxic Action of Endocrine Disruptors". The primary aim of this project is to determine the potential action of polychlorinated biphenyls (PCBs) to disrupt the function of the developing hippocampus. This will be addressed electrophysiologically, biochemically and behaviorally. Electrophysiological studies of synaptic transmission and

plasticity (long-term potentiation) will utilize the hippocampal slice preparation with acute in vitro exposure to a number of PCB congeners. Neurophysiological (in vivo and ex vivo) and neurobehavioral assessments of limbic system function will be conducted following developmental exposure to PCBs. It is anticipated that these findings will reveal mechanisms underlying cognitive dysfunction associated with developmental exposure to this class of compounds. The candidate should have a Ph.D. in neuroscience, psychology, toxicology or related discipline. Experience in neurophysiology and neurochemistry preferred. Please send CV, letters of recommendation to Dr. David Holbrook, Director, Curriculum in Toxicology, CB#7270, 509 Faculty Laboratory Office Bldg, University of North Carolina, Chapel Hill, NC, 27599-7270. Candidate must be a US citizen or permanent resident alien.

Postdoctoral Position: A postdoctoral position is available within the Division of Neurotoxicology, National Center for Toxicological Research/FDA. The successful applicant will work with collaborators in the US EPA to develop a biologically-based dose-response model to provide for a quantitative risk assessment of chlorpyrifos. The incumbent will be expected to integrate guidance from conformation chemists, developmental toxicologists, neurotoxicologists and biostatisticians to develop a novel biologically-based model with the use of existing data. The latest modeling hardware and software will be available. The model will then be used to develop additional hypotheses that will be used to guide laboratory research. The overall objective of this proposal is to determine the necessary parameters for a biologically based dose-response model to predict neurotoxic adverse effects following exposure to cholinesterase inhibiting pesticides. Such information will improve the ability of risk assessors to evaluate toxicological data for potential human health risk. This initial two year position has a salary range of \$40-\$42K per year. Applicants should send a C.V. and obtain an application form by e-mail (wslikker@nctr.fda.gov) or s-mail (William Slikker Jr., Ph.D., Division of Neurotoxicology, NCTR/FDA, Jefferson AR, 72079). Deadline for submission of applications is December 1, 1999. (Supported by an Interagency Agreement between the USEPA and NCTR/FDA). FDA is an Equal Opportunity Employer and is a smoke-free environment.

Postdoctoral Position: Available immediately to study environmental toxicant-induced oxidative stress on mammalian central nervous system (CNS) function. Experience in free radical CNS research and/or laser-scanning confocal microscopic procedures is desirable. This position will be at the Wadsworth Center of the New York State Department of Health in Albany, New York located 150 miles north of New York City and nearby the six million acre Adirondack Preserve.

Send curriculum vitae, names of three references and statement of research interests to Dr. Richard Seegal, Wadsworth Center, New York State Department of Health, Albany, NY 12201-0509. This is a National Institute of Health

(NIH) funded position administered by Health Research Inc. Affirmative Action/Equal Opportunity Employer.

Postdoctoral Position: A postdoctoral position is immediately available to participate in a research program exploring the developmental neurotoxicity of pesticides. This research will evaluate a broad range of potential consequences of perinatal pesticide exposure. Studies will include neurochemical, pharmacological, behavioral, and cognitive assessments in both developing and adult rats. Candidates must have a Ph.D. with a sound background and interest in neurotoxicology, neuroscience, pharmacology, or related field. Experience in behavioral testing and familiarity with handling rats is preferred. Only U.S. citizens or permanent residents may be considered. For more information, contact: Ginger Moser, Ph.D., D.A.B.T., Neurotoxicology Division (MD-74B), US EPA, RTP, NC 27711, (919) 541-5075, moser.ginger@epamail.epa.gov

National Research Council Fellowship Available:

Postdoctoral research fellowship available for a project concerning environmental chemicals and endocrine disruption, with emphasis on ototoxicity and thyroid hormone metabolism. The position requires a Ph.D. in toxicology, neuroscience, or related field with experience in auditory system physiology or anatomy. Experience in thyroid hormone biochemistry or developmental neurotoxicology are a plus. For more information, contact: Dr. Kevin M. Crofton, Neurotoxicology Division, MD-74B, US EPA, Research Triangle Park, NC 27711 (email: crofton.kevin@epamail.epa.gov).

Two Postdoctoral Positions: Available now in the NIEHS NRSA Environmental Pathology/Toxicology Training Program at the University of Washington. The program centers on research on the molecular mechanisms of toxic injury and carcinogenesis as well as on the genetic basis of differential responses to toxic agents. Principal Investigators are looking for candidates interested in: (1) in vitro developmental toxicology examining the effects of metals (e.g., methylmercury, arsenic) and pesticides on nervous system development both in vitro and in vivo, with a particular emphasis on regulation of neuronal cell proliferation and differentiation; (2) in characterizing transgenic mice with altered thiol redox status and their susceptibility to environmental agents in the context of development, cancer and aging; (3) in neurobehavioral toxicology of pesticides and metals; and (4) the pathogenesis of brain malformations caused by plant alkaloids which interfere with sonic hedgehog signal transduction. The University of Washington and the many other research centers in Seattle provide wide-ranging possibilities for collaborative arrangements.

Ph.D. degree (or DVM, MD) is required in one of the following disciplines: toxicology, pharmacology, molecular biology, biochemistry or closely related fields. Must be a US citizen or permanent resident. \$26,256 (0 years post-doctoral experience) - \$41,268 (7 or more years). Health insurance benefits are included. Travel expenses to scientific meetings will also be available. Contact Maureen Levell, Dept. of

Pathology, Box 357470, University of Washington, Seattle, WA 98195. E-mail address: HYPERLINK
mailto:mkl@u.washington.edu mkl@u.washington.edu
www.pathology.washington.edu/academic/ept.html.

Postdoctoral Research Associate Position

One year renewable appointment at the Research Associate level in the Department of Entomology, Virginia Polytechnic Institute and State University, on a 3 year project funded by the U. S. Army Medical Research and Materiel Command. The successful applicant will join an integrated study of the synergistic actions of insecticides on biomarkers of cholinergic and dopaminergic dysfunction in Parkinson's disease. The studies will entail subchronic treatment with insecticides in the C57BL6 mouse/MPTP model of Parkinson's disease. Following treatment, analysis of motor behaviors and neurochemical studies of dopaminergic and cholinergic pathways in the mammalian striatum will be performed. The type of studies involved can be found in the following reference: G. W. Miller, M. L. Kirby, A. I. Levey, and J. R. Bloomquist, Heptachlor Alters Expression and Function of Dopamine Transporters *Neurotoxicology* 20, 631-638 (1999). Qualifications: Ph.D. in biochemistry, toxicology, entomology, or related discipline. Individuals with experience in neurotoxicological research are especially encouraged to apply. Starting salary is \$25,000 with full University benefits. Send curriculum vitae, publication list, and names of three references to: Jeffrey R. Bloomquist, Associate Professor, Department of Entomology Virginia Polytechnic Institute and State University, Blacksburg, VA 24061. Phone 1-540-231-6129; Fax 1-540-231-9131; Email jrbqist@vt.edu

Future Meetings of Interest:

October 15-19, 1999: Conference entitled: "Neurotoxicology, pathology and protection in Brain Disease States" to be held at Mojácar, Southern Andalusia, Spain.

<http://www.cermente.com/moj99.htm>

October 17-20, 1999: The 17th International Neurotoxicology Conference (Little Rock, AR) Children's Health and the Environment: Mechanisms and Consequences of Developmental Neurotoxicology; abstract deadline is 09/01/99. For information please contact: Prof. Joan Cranmer, Department of Pediatrics, University of Arkansas for Medical Sciences, 1120 Marshall - Rm. 304, Little Rock, Arkansas 72202 USA. Tel: 501/320-2986; Fax: 501/320-4978; cranmerjoanm@exchange.uams.edu

http://www.neurotoxicology.com/html/conference_series.html

October 23-28, 1999: Society for Neuroscience Meeting (Miami Beach, FL). Abstract deadline was 04/26/99.

<http://www.sfn.org>

December 6-8, 1999 - XVII Annual Conference of Indian Academy of Neurosciences, Annual Meeting of Neuroscience

Society of India, National Symposium on Cellular and Molecular Basis of Brain Function, Contact Person: Dr. Ishan K. Patro, Neurobiology & Aging Unit, School of Studies in Zoology, Jiwaji University, Gwalior - 474 011, INDIA, Tel: +91-751-346782 (Work), Tel: +91-751-343063 (Resi), Fax: +91-751-341450 , Email: patro@gwr1.dot.net.in
October 1-3, 1999: Inaugural Colloquium of National Brain Research Centre, New Delhi, India. Contact person: Dr. Vijayalakshmi Ravindranath, Programme Coordinator, NBRC, Department of Neurochemistry, National Institute of Mental Health & Neuro Science, Hosur Road, Bangalore - 560 029, Tel: +91 80 664 6811, Fax: +91 80 663 1830, email: vijir@vsnl.com

December 10-17, 1999: Nervous System Reaction to Neuronal Loss and Injury, FENS Winter School. To be held in Kitzbühel, Austria.
<http://www.univie.ac.at/fens-schools/Kitzbuehe199.html>

January 15-20, 2000: Keystone Symposia Call for Abstracts: - Mitochondrial Dysfunction in Pathogenesis(A4), Organizers: John J. Lemasters and Anna-Liisa Nieminen, Hilton of Santa Fe, Santa Fe, New Mexico, Abstract Deadline: September 15,1999, Early Registration: November 15, 1999, For up to date programs, abstract submission instructions, on-line registration and lodging information, go to our web site: <http://www.symposia.com>

INA 7 - Meeting Notes

The seventh INA meeting was held at Leicester, in the heart of England, over July 4-9th. The meeting attracted 112 delegates, and also some fine, sunny weather. Twenty countries were represented: including 48 people from the UK, 16 from the USA, 9 from Germany, 4 each from Finland, Hungary, Italy, and the Netherlands; 3 each from Japan, Russia, and Spain; two from Denmark, France, Greece, and Portugal; and single representatives from Belgium, Canada, China, Israel, Sweden, and Switzerland. Although the attendance was a little below that which we had hoped, the meeting was financially balanced: income just equaling expenditure. This was largely due to generous support from our hosts, the University of Leicester, and also from our sponsors: the US EPA, Monsanto, the UK Department of Health, Sanofi, Astra-Zeneca, Shell, and Agrevo, plus the trade exhibitors (Bilaney, Sigma-Aldrich, Clontech, Becton UK, Leica, Sandown, and Pearson) who contributed a total of £18,775 to the meeting. The very full scientific programme of 32 invited lectures; a debate; 6 oral presentations; and 44 posters was generally well attended (even at the Sunday evening session), and stimulated some good discussion. An excellent quality Jacob Hoisma lecture was given by Pierre-Luigi Nicotera. The abstracts and submitted papers from the meeting will be published in a special issue of Neurotoxicology.

The social programme was aided by the hot weather and extended bar opening times, and involved a full day out at Warwick castle. The two INA-7 football teams proudly posed for the photographs you see below. The final result was 4:1 to the "B" team after some very spirited play, despite the effects of the same hot weather and extended bar opening times.

An unexpected element on the programme was an active



INA "B-team": (left to right, top row, bottom row) Richard Parsons, Yoram Finkelstein, Kevin Stacey, Hestien Vreugenhil, Miki Aschner, Markku Sainio, Kevin Sales, Adolfo Garcia, Christoph Schellschmidt

demonstration by anti-vivisection campaigners, which was the first experience by many delegates of this highly vocal group. Violence was mostly contained by the very reassuring police presence, and the programme was not disrupted. It was ironic that the meeting contained a debate on animal experiments, and several presentations on the use of in vitro alternatives. However few of the demonstrators seemed interested in rational discussion of this kind. A more pleasing vocal contribution was that of the City of Leicester Singers, who provided a pre-dinner entertainment of songs from some of the different countries represented at the meeting. Hopefully the next INA meetings in Portugal and in Israel will also include a musical element in their programmes.

I would like to thank my fellow members of the local organizing committee and the INA executive committee, who helped so much with INA-7; and to end by encouraging you all to support Anna dos Santos and her team with INA-8.

Best wishes,
David Ray

NOTE: Abstracts from INA7 are now available on the INA webste. Sorry, there is no search engine available for these abstracts. www.neurotoxicology.org/ina7-abstracts.htm



INA "A-team": (left to right, top row, bottom row) Paul Glynn, Kalle Kurpa, Andy Tasker, Stephen Miller, George Mavroudis, Marcello Lotti, Fariba Bahrami, Pierre-Luigi Nicotera, Angello Moretto

Minutes of the INA Executive Committee Meeting - July 4, 1999

Present: Beverly Kulig, Michael Aschner, Gerhard Winneke, David Ray, Kai Savolainen, Laurence Fechter

1. Results of Election

Michael Aschner – becomes President following INA 7
 Laurence Fechter – Secretary

2. Summary of Ad hoc Executive Committee meeting (3/14/99)

- a) interaction between Executive Committee and meeting organizers needs to be enhanced
- b) 3 year strategic plan should be developed for INA
- c) IUTOX application should be submitted once we have an approved constitution

3. Executive Committee meeting in Szeged

- a) There is a need to restructure the Executive Committee so that the path should be vice president to president to past president.
- b) The Executive Committee should appoint a newsletter editor
- c) The need to return to a 2-year schedule of Executive Committee/INA meeting since INA has become more formal in its organization with the Executive Committee playing a collaborative role in maintaining the organization

Therefore:

- It is essential to develop interaction between Executive Committee and the organizing committee
- The ballot for President-elect should be formed soon after Leicester meeting with nominations to come from the floor
- In the future, ballots should be received in the Spring, before the meeting, so that new officers can start at next INA meeting
- In the Fall, nominations must be solicited from membership and from the business meeting with a definite deadline

Nominee needs to accept

There is a need for a nomination committee – e.g. Past President makes a final decision based on criteria (incl. Gender, geographic location, etc.).

4. Financial Report

- Balance in US account: US\$ 9,226
- As of 12/1/98 balance in Dutch checking account 80,881 Hfl
- 2 savings accounts

The Jacob Hooisma Endowed Lectureship	x
General account	X
- Interest on accounts is a major source of funds. Profit on meetings is another potential source of funds but only 2 meetings have returned a profit
- Consideration of the Jacob Hooisma Lecturer
 - a. Who should decide the speaker
 - b. Should lecturer be required to stay for entire meeting?
- What rules should INA make for use of funds from the treasury?

5. Past President Report

- a) Need to back up Portuguese colleagues
- b) Need to focus on publication policy of meeting proceedings – where to publish, when pages are due, etc.
- c) INA should give 5 student scholarships at \$600 each over an above any additional scholarships by local organizers.

6. INA-7 – David Ray

- a) Number of registrants for INA meeting in the past is 100-170; about 120 were expected for INA 7. Normally, there are about 25 invited speakers per meeting – 34 speakers were invited for INA 7
- b) Sponsorship £18,775 – was obtained for INA 7 (see attached chart)
 - \$11,000 goes to Neurotoxicology Journal for publication of proceedings and abstracts
 - Anticipation is that meeting will break even meeting expenses of £35,000
 - Limit of funds has made student attendance difficult.
 - Insurance taken out due to: antivivisection demonstrations
- c) Proceedings of INA meetings – need for manuscript deadline with peer review
 - a) Publications should be timely
 - b) Requesting paper at the time of meeting may elevate quality of talks
 - c) Proceedings are not published in a supplement so that they must be of peer review quality

7. INA 8

- a) The meeting will be held the 3rd week in June, and will be located 30 miles from Lisbon, in Estoril, Portugal. The location is on the beach
- b) It is anticipated that registration will be somewhat more than UK meeting

- c) The lecture hall is in the hotel; lunch will be at the hotel and dinner will be on your own.
- d) Kai Savolainen will visit the proposed site when he's in Bilboa, in order to help identify the most appropriate hotel.

8. INA 8 Sponsorship

- a) It is suggested that the Executive Committee should play role in raising money
- b) The Local Committee should be responsible to contact the following possibilities for sponsorship:
 - Exhibitions
 - Contract labs
 - Book publications
 - EU grants — especially for student support
 - Pharmaceutical industry
 - Government
 - Lisbon Univ.
 - Scientific Associations

9. INA 8 Program

- a) A Scientific Program Committee should be made up of local organizers and members of Executive Committee (Michael Aschner, President, Kai Savolainen, Past-President and Anders Iregren, ad hoc)
 - Suggested topic: Safety Assessment of Neurotoxicants in foods (toxins and toxicants)
 - Executive Committee should make suggestions of topics and speakers to plan a well-rounded meeting
 - Chronic exposures of humans to mixtures
 - Molecular biomarkers of neurotoxicants
 - Neurotoxicity of pharmaceutical products
 - Validation of in vitro testing
 - Need to make decisions about publication of abstracts and articles
 - Use of INA funds

10. Incorporation and Bylaws

- a) Will cost some money
- b) After by laws are distributed, submit them to the Executive Committee for comments (done at INA 7); with deadline of September, 1999 for submission of recommended changes to L. Fechter (all proposed changes will be distributed to EC members by e-mail)
- c) Publish documents in a special September newsletter and send out ballot to members
- d) Issues that need to be addressed by EC:
 - # officers, their term(s), and definition of a quorum for approval of by laws
 - Nomination procedures
 - Executive Committee must be able to appoint sub- Committees
 - Election of Treasurer
 - Members of society must be appointed at the meeting to audit the books.

11. Miscellaneous Items

- a) Frequency of newsletters – (2x yr)
 - Spring
 - Sept/Fall – The Fall newsletter could contain the invitation for symposia; nomination for president-elect.
- b) INA subcommittee
 - Need for program committee
- c) Future INA meetings – Suggestions included Israel, Finland, Research Triangle Park, NC
- d) Voting procedures for President-Elect. Ballot should contain a short c.v. Mail ballot (via past president).
- e) Future Executive Committee meetings
 - It was suggested that the next meeting could be held during SOT '99. Larry Fechter will make arrangements to have the meeting sometime during the day on Sunday.

12. Timetable INA 8

- a) Have 2000 Scientific Program ready
 - 1st announcement – 1 year prior to meeting
 - 2nd announcement – 6 months prior to meeting
- b) Send call for proposals – use e-mail
- c) Responsibilities of organizers
 - INA 8 organizers are expected to provide timetable for developing the meeting and to provide detailed financial report after the meeting. Funds must be available for student support.

Respectfully submitted,
Laurence D. Fechter

Minutes of the INA 7 Business Meeting - July 8, 1999

1. The INA Business Meeting was convened in Leicester UK, on July 8 at 5:15 p.m.
2. Kai Savolainen was elected Chair of the business meeting and Larry Fechter was elected secretary of the meeting.
3. Two auditors will be appointed at INA 8 by the Executive Committee
4. A proposed agenda was presented and agreed upon by attendees.
5. President's Report- K. Savolainen
 - a) Established in 1987, INA has grown as an international association of excellence
 - b) New challenges
 1. Financial and organizational stability. There is a need for incorporation and bylaws.
 2. Increased international reach (e.g. through joining IUTOX and/or achieving non-governmental organization status).
 3. Closer cooperation between the Executive Committee and the local organizing committee is essential
 - In program development and between INA Executive Committee and local organizations/institutions
 - More scrutiny by Executive Committee over financial issues, including registration fees
 - Agreement of sharing profits between local organizers and INA must be reached
 4. Constitution must be finalized and voted on by the membership
 5. More active members are essential
 6. More support – student participation, search for sponsors is necessary
 - c) How to meet changes immediately
 1. Student session at INA 8. This is possible, but needs to be considered with the local committees
 2. Form a program committee for INA. This should include Michael Aschner and Kai Savolainen and local organizers
 3. Conduct a site visit to Portugal. This will be done when Kai Savolainen is in Bilbao
 4. Constitution – prepare first draft
 5. Nominations – issue invitation of nominations of President-Elect (to include a brief c.v.)
6. Introduction of new Executive Committee members
 Michael Aschner – President-Elect
 Larry Fechter – Secretary
7. Treasurer's Report- B. Kulig
 - a) Report is to be included in the Fall 1999 newsletter, with a statement indicating that the books have been audited.
8. INA Membership Fee- B. Kulig
 - a) It is important for members to pay porto costs. Paying dues in Dutch Guilder saves exchange costs
 - b) TNO will no longer supply free postage. Therefore, everyone needs to use e-mail when possible in order to limit expenditures on postage
 - c) A motion to increase membership fees to 70 HfL for 2 years was made by the Treasurer and seconded by Gerhard Winneke. The motion was approved unanimously.
9. INA 7 Report- D. Ray
 Excellent Secretariat enabled development of the scientific program and financial support for the meeting. (A full report on INA 7 is to be included in the Fall 1999 newsletter.)
10. Constitution- B. Kulig

 Beverly Kulig indicated that a draft constitution was being distributed to the Executive Committee and that the final draft version would be printed in the Fall, 1999 Newsletter for consideration by the membership.
 - a) While the final constitution can be amended once approved, Article 3 (statement of purpose) cannot be changed without the need to reincorporate. Thus, this article needs to be correct at the time that the draft constitution is adopted.
 - b) A timetable was provided for approval of the Constitution
 - Sept. 30 – submit to members via the Newsletter for comment and revision by the Executive Committee
 - March 1, 2000 – vote of membership by ballot
 - June 15, 2000 – final signing

11. INA 8 Proposal – Ana Paula dos Santos
 - a) Site will be in Estoril, Portugal, 20 min from Lisbon
 - b) Date will be 3rd week of June, 2001
 - c) The organizers will develop a timetable for announcement of the meeting, call for abstracts, etc.

12. Bids for INA 9 & 10
 - a) INA 9 in 2003 – Israel (Jerusalem)
 - More details need to be submitted to the Executive Committee including an updated budget
 - Motion proposed by G. Winneke to hold INA 9 in Jerusalem; seconded by Dr. Desi and approved by the membership.
 - The Meeting to be under the auspices of Israeli Society of Toxicology and Weizman Institute
 - d) INA 10 in 2005 – Kiti Muller (Finland)
 - A motion was proposed by B. Kulig to develop a full proposal for INA 10 in Finland
 - Possible co-sponsors include: Finnish Institute of Occupational Health, Finnish Brain Research Society, Finnish Society of Toxicology

13. Farewell to Outgoing Members
Gerhard Winneke
Steve Bondy

14. The meeting adjourned at 6:40 p.m.

Respectfully submitted,
Laurence D. Fechter,
Secretary

Officers of INA 1999-2000

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INA Nomination Ballot

Nominations are solicited for one position on the INA Executive Committee. Please fill in the form below and return to the INA Secretary.

I wish to nominate the following INA Member for the position of President-Elect: (please print or type)

President-elect: _____

The President-Elect will serve on the Executive Committee in that capacity until the meeting in Portugal in 2001. Thereafter, he/she will automatically become President of INA for the following 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 December 1, 1999.

Signature: _____ Date: _____

Name: _____

Address: _____

Send to: Laurence D. Fechter, PhD
Univ. Oklahoma Health Sciences Center
College of Pharmacy
Dept. of Toxicology and Pharmacology
PO Box 26901
Oklahoma City OK 73190 USA
Fax: 1-405-271-7477
email: Laurence-Fechter@ouhsc.edu

Membership List or Membership Directory

A new membership directory will be included in the mailing to all members.

INA BY-LAWS

A copy of the By-Laws will be mailed to
all members.