



THE AMERICAN SOCIETY OF PHARMACOGNOSY

2000 Years of Natural Products Research
Past, Present and Future

Joint Symposium to be held in Amsterdam in July

The American Society of Pharmacognosy (ASP), the Association Française pour l'Enseignement et la Recherche en Pharmacognosie (AFERP), the Gesellschaft für Arzneipflanzenforschung (GA) and the Phytochemical Society of Europe (PSE) are holding their 5th Joint Symposium July 26 through July 30 at the Free University.

See page 2 for additional information about the Joint Symposium.



Het Paleis op de Dam (Royal Palace)

OLE MISS HOSTS 1999
INTERIM MEETING

The Society invites you to participate in the **1999 ASP Interim Meeting, "Botanical Dietary Supplements: State of the Science" April 29 – May 1, 1999.**

Distinguished speakers will provide an overview of this important area, and the latest results on chemical and pharmacological characterization of phytomedicines, as well as developments in clinical and regulatory areas. The meeting opens at 1:00 p.m. on Thursday, April 29 and concludes at 5:15 p.m. on Saturday, May 1. The meeting is being hosted by The University of Mississippi and will take place in the Convention Center of the Grand Casino and Veranda Hotel, Tunica, MS, just south of Memphis, Tennessee.

CALL FOR PAPERS (poster only)

Please check (<http://www.phcog.org> and <http://www.olemiss.edu>) for further information and forms. The abstract forms can also be obtained by faxing a request to Mr. Rusty Cooper at 601-232-5138, or you can e-mail him at: drcooper@olemiss.edu. **DEADLINE FOR EARLY SUBMISSION IS MARCH 1, 1999.**

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2000 Years of Natural Products Research- Past, Present and Future -
Joint Meeting of the ASP, AFERP, GA and PSE
 Amsterdam, July 26-30, 1999

5th JOINT MEETING of the American Society of Pharmacognosy, Association Française pour l'Enseignement et la Recherche en Pharmacognosie, Gesellschaft für Arzneipflanzenforschung and the Phytochemical Society of Europe

Date: July 26-30, 1999

Place: Amsterdam, The Netherlands

Venue: Main Building Vrije Universiteit Amsterdam (VU), De Boelelaan 1105, Amsterdam, situated at 5 min walking distance from the Amsterdam-Zuid/World Trade Centre railway station, about 10 min by tram from the center of town, 10 min by train from Amsterdam Schiphol Airport (7 km by car). There are several big hotels close to the university.

Registration: Registration will be handled by the VU Conference Service (address below). Your reservation for accommodation can be arranged through Carlson Wagonlit Travel (address below). Your abstract should be sent to the Organizing Committee (address below).

Registration fees

members of the organizing Societies--NLG 500

after June 15: NLG 600

member (PhD)-students--NLG 350

after June 15: NLG 450

non-members NLG 600

after June 15: NLG 700

The registration fee includes welcome drinks on Monday July 26, the reception on Tuesday July 27, coffee and tea during the breaks, the book of abstracts, and one public transportation ticket for use of bus, tram and metro in Amsterdam for the time of the meeting.

Meals: Lunches can be bought at one of the restaurants in the VU buildings. For dinner, ample restaurants can be found in Amsterdam city center.

Congress dinner: On Friday evening the congress dinner will be in Volendam, a small fishing village north of Amsterdam. The price of the dinner (NLG 120) includes a visit to Marken, a former island and fishing village in the IJsselmeer, a boat trip from Marken to Volendam, and transportation back by bus to Amsterdam.

Accommodation: Accommodation can be arranged through Carlson Wagonlit Travel.

Low budget travellers: The hotels are all of international standard and are priced accordingly. The University of Amsterdam has student rooms and apartments that can be booked through the hotel

reservation form as well (category E), inquiries about prices can be obtained from Carlson-Wagonlit. But you can also find your own cheap accommodation. There are a number of good family type of hotels with room prices of NLG 80-100, and hostels with even lower prices. Amsterdam has also several campsites. As the congress venue is close to a railway station you might consider the possibility of staying outside Amsterdam, e.g. in Leiden, where generally accommodation is cheaper.

You can make reservations for these types of accommodation through the VVV (Tourist Information). They have among others offices inside and just outside the Central Station in Amsterdam (open from 8 am to 7.30 pm, on Sundays from 9 am to 4.30 pm), telephone (**31)(0)6/34034066. At Schiphol Airport you will find Holland Tourist Information (open from 7 am - 10 pm), also for reservations in youth hostels, bungalows and campsites (tel. (**31)(0)900 400 40 40). For reservations throughout the Netherlands you can contact Nederlands Reserverings Centrum, tel. (**31)(*70)3202500, fax (**31)(*70)3202611.

Information available on Internet at <http://www.nbt.nl/holland> (Netherlands Tourist Board), <http://amsterdam-ts.nl> (Amsterdam Tourist Service, hotel bookings). More useful information in for example: Amsterdam, The Rough Guide, M. Dunford and M. Teller, The Rough Guides Ltd, 1997.

Abstracts: Abstracts of short lectures and posters should be submitted before April 15, 1999. Instructions for the preparation of abstracts are found on the abstract form. Abstracts will only be accepted and published in the abstract book after payment of the registration fee. As only a limited number of slots is available for short lectures, the Organizing Committee, supported by the Scientific Committee, will select the speakers, based on the abstracts provided.

Contributions that are not selected for oral presentation can be presented as a poster.

Language: The official congress language will be English. There will be no translations.

Exhibition: There will be an exhibition during the meeting. Further information for exhibitors can be obtained from the Organizing Committee (address below).

Excursions: Various excursions will be arranged during and after the meeting.

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CASSADY CHAIRS ASP FOUNDATION

At the meeting of the ASP Foundation Board of Directors held in Orlando in July, 1998, the following recommendation, proposed by Past President Charles Hufford, was unanimously approved:

"The ASP Foundation Board of Directors recommends that a permanent Chair be appointed to the Board. This person would have experience in fund-raising, and would serve consecutive terms. The appointment would be renewed annually by the ASP Executive Committee as required by the By-Laws. This procedure would replace the current system of having the outgoing President of the ASP serve a one year rotating term as Chair. Further, it is proposed that the Past President become an At Large Member and serve for two years and rotate off, unless the Board recommends otherwise. This procedure will assure better continuity, and should allow the Foundation to grow and prosper."

The recommendation was approved by the ASP Executive Committee, and by the members attending the Business Meeting in Orlando.

It is my great pleasure and honor to announce that Professor John M. Cassady has agreed to serve as the Chair of the ASP Foundation Board of Directors. John is well known to the ASP membership and the chemistry community at large for his outstanding research in natural products and medicinal chemistry, particularly related to the discovery and design of anticancer drugs. He has served the ASP in many

capacities, and was elected as President in 1993-1994. He holds membership of many societies, including the American and British Chemical Societies, the Academy of Pharmaceutical Sciences, the American Association for the Advancement of Science, and the American Association for Advances in Cancer Research, and recently was elected AAAS Chair-elect for the Section of Pharmaceutical Sciences. He is currently on the Editorial Advisory Board of the *Journal of Natural Products*, and has served on the Editorial Board of the *Journal of Medicinal Chemistry*, and as a consultant to the National Institutes of Health. Other distinctions include receipt of the Purdue University Cancer Research Award and the Research Achievement Award in Natural Products Chemistry from the American Pharmaceutical Association, as well as appointment as Honorary Professor to the Institute of Medicinal Plant Development by the Chinese Academy of Medical Sciences. He has developed strategic alliances between academic and corporate sectors, and is a key member of committees for long-range planning and fund-raising at Ohio State University.

The ASP Foundation is indeed fortunate to have the services of Professor Cassady, and we all look forward to working with him in promoting the growth and strength of the Foundation and Society.

Gordon Cragg, President

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Further information can be obtained from the VU Conference Service.

Travel grants: Each of the organizing Societies offers a series of grants; for details please refer to the respective secretaries of the Societies, their Newsletter and their Website. The deadline for application is March 1; the application should be sent to the appropriate Society.

The Organizing Committee will offer a number of grants for PhD-students, postdocs and younger staff members presenting a poster or short lecture. Applications should be sent to the Organizing Committee (address below). Grants from the Organizing Committee will cover at least the registration fee. Applications should include a letter from the supervisor confirming the PhD-student status, and a CV also indicating membership(s) of the organizing Societies. Also an estimation of costs for participation including travel costs should be provided. Deadline for submission of these applications is April 15, decisions about grants will be known by June 15. Students already receiving a grant from one of the Societies are not eligible.

Climate: In July the weather is mild with daily temperatures ranging between 18° and 30° C, with always a chance of rain.

Travel: Amsterdam can be reached by car, train and air plane. Schiphol Airport is 10 min by train from the congress venue. The Amsterdam-Zuid/World Trade Centre railway station is 5 min walking from the congress venue. By car the Vrije Universiteit can be reached from the Motorway A10, exit S108 Hospital Vrije Universiteit (H VU), Zuid/Amstelveen. Turn left at the end of the split road onto Amstelveenseweg, after about three hundred meters (at the Hospital VU) turn left again onto De Boelelaan. The VU can be reached via city routes S108 and S109. All participants will receive a ticket for free public transport in Amsterdam (bus, tram, metro) for the time of the meeting.

Parking: Parking in the city of Amsterdam is difficult. At the congress venue there are only limited parking facilities (all paid parking), there is a parking garage at the VU hospital close to the congress center. A number of parking places for the handicapped are reserved in front of the VU Main Building and within its grounds.

Currency: The Dutch currency is the guilder, the exchange rate is 1 US \$ for about NLG 2.00, 1 Euro for about NLG 2.20. All major credit cards are widely accepted.

Visa

Participants who need an entry visa are advised to make the application with the Dutch Embassy or Consulate in their home country at least two months before the intended arrival date. If required for a visa or for raising travel funds, a letter of invitation can be obtained from the Organizing Committee (address below); such a letter is not a commitment on the part of the organizers to provide any financial support.

Insurance: Please arrange your own travel insurance. The organizers will not be liable for any accident, injury, theft, loss and property damage to any person.

Important dates in 1999:

- March 1 Deadline for application for grants from the organizing Societies (AFERP, ASP, GA, PSE)
- April 15 Deadline for submission of abstracts
Deadline for application for grants from Organizing Committee
- June 1 Notification of acceptance of abstracts for oral or poster presentation
- June 15 Registration fees increase with NLG 100
- July 26 Evening, start congress

Address for information on the programme, exhibition, and submission of abstracts

Organizing Committee 1999 Congress
Division of Pharmacognosy, Leiden/Amsterdam
Center for Drug Research
PO Box 9502, 2300 RA Leiden, The Netherlands
tel: (+)31 (0)71 527 4510
fax: (+)31 (0)71 527 4511
Email: FCOGSYMP@LACDR.Leidenuniv.NL

Address for information about registration and excursions

VU Conference Service
De Boelelaan 1105, 1081 HV Amsterdam, The Netherlands
tel: (+)31 (0)20 444 5790
fax: (+)31 (0)20 444 5825
Email: VU_Conference@Dienst.VU.NL

Address for information about accommodation

Carlson Wagonlit Travel
Dam 19, 1012 JS Amsterdam, The Netherlands
tel: (+)31 (0)20 6241361
fax: (+)31 (0)20 6235107
Email: agm@keytours.NL

Websites of organizing Societies

American Society of Pharmacognosy:
<http://www.phcog.org>
Gesellschaft für Arzneipflanzenforschung:
<http://www.uni-duesseldorf.de/WWW/GA/>
Phytochemical Society of Europe:
<http://www.dmu.ac.uk/ln/pse>

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THE MATT SUFFNESS SYMPOSIUM

As many ASP members know, the late Matt Suffness was a driving force behind establishing the "Young Investigators' Symposium" as a forum for younger natural products scientists to present the results of their research and gain timely recognition from their colleagues for their contributions to the science.

At the annual meeting of the ASP in Orlando in 1998, several members questioned the use of "young" in the title, and after thorough discussion, the ASP Executive Committee has unanimously decided to rename the Symposium, "The Matt Suffness Symposium." The Symposium will be held at annual Society meetings in the United States, with the first one being in Seattle in 2000.

The Awards and Funds Committee has been charged with the selection of speakers according to the following procedure:

- 1) The number of speakers per year shall be limited to two, but may be one or none if suitable nominations are not received in a particular year.
- 2) Nominees must be ASP members.
- 3) The age limit of nominees shall be 40 years.
- 4) Nominees shall be within 12 years of receiving their Ph.D., and within 10 years of gaining their first independent position (e.g., Assistant Professor or equivalent position in industry and government).
- 5) Nomination paperwork shall be kept as simple as possible. The Awards and Funds Committee will prepare a Nomination Form for use in soliciting nominations.
- 6) A nomination must be accompanied by the nominee's CV, an abstract of the presentation proposed by the nominee, and relevant reprints. Selected speakers will be invited to submit a short review paper to the *Journal of Natural Products*.
- 7) Nominations will be solicited in the Newsletter, on the Website, and from recipients of the Research Achievement Award. Self-submissions will not be accepted.
- 8) Nominations will only be accepted from active ASP members.
- 9) The Awards and Funds Committee must keep in close contact with the appropriate ASP meeting Scientific Program Committee.



VARRO TYLER NAMED EDITOR-IN-CHIEF

Varro E. Tyler has been named Editor-In-Chief of a new imprint of Haworth Press, Inc. entitled *The Haworth Herbal Press*. Tyler, who is Distinguished Professor Emeritus of Purdue University, has published two best-selling references in the area of herbal medicinals, and has become renowned in this area of natural products.

Congratulations, Varro!

CALLS FOR APPLICATIONS FOR ...

Research Achievement Award

The American Society of Pharmacognosy selects a recipient for the ASP Research Award annually. Candidates must be members of the Society who have made outstanding contributions to research on natural products. The award consists of an honorarium of \$2,500 and travel expenses to present the award lecture at an annual meeting of the Society. Previous winners of the ASP Research Award are:

1985 - Koji Nakanishi
1988 - Heinz G. Floss
1989 - Kenneth L. Rinehart
1990 - Monroe E. Wall
1991 - S. William Pelletier
1992 - Henry Rapoport
1993 - A. Ian Scott
1994 - Paul J. Scheuer
1995 - George Robert Pettit
1996 - Meinhardt H. Zenk
1997 - John W. Daly
1998 - Sidney Hecht

Nominations for the 2000 award are due by April 1, 1999 to the Chairman of the Research Achievement Award Committee and should consist of a nominating letter, a curriculum vitae of the candidate, and letters from three individuals who are familiar with the candidate's scientific accomplish-

ments. Nomination documents should be submitted in **triplicate** to: Jon Clardy, Department of Chemistry and Chemical Biology, Cornell University, Ithaca, NY 14853-1301, FAX (607) 255-7583, EMAIL jcc12@cornell.edu

Awards and Grants for Students

To stimulate interest in all phases of natural products research, the American Society of Pharmacognosy is offering the following awards and grants:

1. ASP Student Research Award.

The ASP Student Research Award is designed to recognize outstanding research in the general area of natural products. The competition is open to all graduate and undergraduate students working for a member of the ASP. Students should submit a research paper describing his/her own work in the area of natural products. The applications will be reviewed by the ASP Awards and Funds Committee in a blind-competition. The research paper should conform in general to the format of the *Journal of Natural Products*, except that there should be no identification of the student, faculty, or school from

which the paper originated. The name and address of the contestant and his/her paper title should be provided in a separate letter accompanying the paper. Please include a self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the proposal and name of the applicant. This postcard will serve as notification of receipt of the application. The award will consist of a \$500 cash gift and all expenses paid to present the paper at the annual meeting of the ASP (restricted to meetings held in the continental U.S.). The deadline for submission of the research paper is **March 1, 1999.**

2. Undergraduate Research Awards.

The ASP Undergraduate Research Awards consist of a stipend of \$2,000 to the student and \$500 to the advisor to help defray the costs of the research. There are no limitations on the type of research to be conducted other than that it should be in the area of natural products. Persons interested in submitting an application for consideration should send the following before **March 1, 1999:**

- a. An outline of the research to be conducted, written by the student submitting the

AWARDS AND GRANTS

application. This should include a statement of the problem and the goal(s) of the research, and a brief discussion of the methodology. This outline, with pertinent references, should not be longer than four double-spaced, typed pages.

- b. A transcript of all college work attempted.
- c. A curriculum vitae.
- d. A letter of agreement by the faculty advisor (a member of the American Society of Pharmacognosy) for the project, indicating a willingness to supervise the project, and provide the facilities and equipment for the conduct of the project. The letter should also include a statement about the student's academic performance and suitability to perform the work proposed.
- e. A self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the proposal and name of the applicant. This postcard will serve as notification of receipt of the application.

Although not an absolute condition of the awards, students selected are highly encouraged to submit results of their research for presentation at an

annual meeting of the ASP.

3. Lloyd Library and Museum Grants.

This grant program was established in cooperation with the Lloyd Library and Museum.

In keeping with the Lloyd Library's interest in promoting student activities, two \$500 travel awards to attend the national ASP meeting will be awarded. These awards will be made based on excellence in both scholastic and research activities in the field of natural products. Application can be made by submission of a short (1-3 pages) synopsis of the work to be presented, a curriculum vitae, a current transcript and a letter of recommendation from the advisor. Applications are due **March 1, 1999.**

4. Travel Grants for Graduate Students.

Graduate students under the supervision of a Society member are also eligible for a travel grant of \$300 to \$500 to enable them to attend a Society meeting and present a paper. Application can be made by submission of a short (1-3 pages) synopsis of the work to be presented, a curriculum vitae and a letter of justification/recommendation from the advisor. All awards are contingent on the acceptance of the paper for presentation

by the Scientific Program Committee. Applications are due **March 1, 1999.**

Awards and Grants for Active Members

1. Research Starter Grants.

ASP small research grants from \$2000 to \$5000 are available for active members in the first eight years after earning their Ph.D. and in the first five years of their first independent career position. These are one-time awards and are not subject to indirect costs.

Application can be made by submission of a research proposal of no more than four double-spaced, typed pages. A budget should accompany the proposal and the investigator should also provide a statement of his current funding. A curriculum vitae of the investigator must be included with the proposal and budget. The deadline for submission of application for these grants is **March 1, 1999.** Please include a self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the proposal and the name of the applicant. This postcard will serve as notification of receipt of the application.

2. Travel Grants for Active Members.

Travel grants are available to

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enable active members who are in the first five years after earning their Ph.D. to travel to an American Society of Pharmacognosy meeting and present the results of their research. These awards of \$300 to \$500 are made on a competitive basis.

Application can be made by submission of a short (2-3 pages) synopsis of the work to be presented, a curriculum vitae and a letter of justification for the request. All awards are contingent on the acceptance of the paper for presentation by the Scientific Program Committee. The deadline for submission of applications is **March 1, 1999**. Please include a self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the proposal and name of the applicant. This postcard will serve as notification of receipt of the application.

KILMER PRIZE

Beginning with the 1994-1995 awards cycle, selection and presentation responsibility of this prize was transferred from the APhA Academy of Pharmaceutical Research and Science Awards Committee to the American Society of Pharmacognosy Awards Committee.

Criteria: Both undergraduate and graduate students in schools or colleges of phar-

macy are eligible for this award. The student does not have to be a member of the American Pharmaceutical Association or the APhA Academy of Students of Pharmacy or the American Society of Pharmacognosy to qualify. Student applicants should submit a full research paper (introduction, experimental, results, discussion and references, with figures and tables as appropriate) and a letter certifying status from the university registrar or graduate dean. The deadline for submission of applications is **March 1, 1999**.

Nature of Award: The Kilmer Prize consists of a gold key, suitably inscribed, bearing the likeness of Dr. Kilmer. The APhA makes

available a complimentary registration and up to \$300 to enable the winner to attend the meeting at which the award will be given. The American Society of Pharmacognosy also provides an honorarium of \$300 for the named recipient.

Applications for the student and member grants and awards can be sent to:

John H. Cardellina II,
Chairman, Awards and
Funds Committee
American Society of
Pharmacognosy
Council for Responsible
Nutrition
1300 19th Street NW Suite 310
Washington, DC 20036-1609
phone (202) 872-1488
fax (202) 833-1750

EMPLOYMENT SERVICE

The American Society of Pharmacognosy offers a placement service to aid our members in seeking positions or employees. This service is available only to ASP members and is free to both the applicant and the prospective employer. Once an application is submitted, it will remain on file for one (1) year, at which time it will be destroyed. The applicant should realize that this is not a resume service and that the application will be submitted to the prospective employer exactly as submitted (i.e. the submitted form will be photocopied, then sent to the prospective employer). All information submitted will be held in the strictest confidentiality.

Forms and further information may be obtained from:

Joseph M. Betz, Ph.D.,
Division of Natural Products, Food and Drug Administration
(HFS-347),
200 'C' Street, S.W.,
Washington, DC 20204-0002 U.S.A
Fax: (202) 205-4422; Phone: (202) 205-4060
E-mail: jbetz@bangate.fda.gov

INTERIM MEETING continued from page 1**REGISTRATION**

Please see the website: http://www.olemiss.edu/depts/continuing_studies/conferences.html or fax inquiries to Mr. Rusty Cooper at 601-232-5138 or e-mail to: drcooper@olemiss.edu.

VENUE

A block of rooms has been reserved at the Grand Casino and Veranda Hotel, Tunica, Mississippi, for participants of this meeting. Early registration is strongly encouraged. A conference room rate of \$89 per room will apply for 3 days before and 3 days after the meeting. A May 1 (Saturday) stay over is recommended to maintain the \$89 rate and to be eligible for significant airfare savings. Room reservations should be made directly with the hotel (1-800-946-4946) and please mention that your reservation is for the ASP meeting.

ADDITIONAL INFORMATION

Meals: Continental breakfasts are provided Friday & Saturday. Lunch is provided Saturday.

Grand Casino Facilities: The Grand Casino has 6 food outlets as well as lounge entertainment. The Kids Quest Tunica Child Care Facility (with over 50 activities) and Grand Arcade for Teens is also open. Grand has Cottonwoods Golf Club, an 18-hole Championship Golf Course. For more information and a location map visit their website: <http://www.grandcasinos.com/tunica>.

Important Dates

- | | |
|----------------|-------------------------------------|
| March 1 | Deadline for submission of abstract |
| April 1 | Deadline for pre-registration |

FORMATION OF PAPUA NEW GUINEA INSTITUTE OF BIODIVERSITY

The Papua New Guinea Government National Executive Council recently announced the formation of the PNG Institute of Biodiversity (PINBio) to ensure that the potential use of the country's rich biodiversity and wealth of traditional knowledge is fully explored for the use and protection by Papua New Guineans. PINBio will comprise a network of collaborating PNG National Institutions and Government Agencies charged with conducting research and development into the management of the country's natural biodiversity, and will be coordinated by the Department of Environment and Conservation. Each of the participating institutions/agencies will have its own collaborating partners to implement particular PINBio projects and programs. Among the missions of PINBio will be the promotion of biodiversity prospecting through bioprospecting agreements, and organizations interested in establishing such agreements will have to proceed through PINBio as the primary PNG contact.

Interested organizations may obtain information from Dr. Teatulohi Matainaho, Department of Basic Medical Sciences, University of Papua New Guinea, Box 320-University P.O., Port Moresby, NCD 134, Papua New Guinea; (ph: 675-324-3822; fax: 675-325-0809; e-mail <lohi.matainaho@upng.ac.pg>), and Dr. Simon Saulei, Department of Biology (ph: 675-326-7210 or 323-4343; fax: 675-325-0809),

MEETINGS

Future ASP Meetings

- 1999 - April 29-May 1 - ASP Interim Meeting, Tunica, MS Botanical Supplements: State of the Science
- 1999 - July 26-31 - Amsterdam, The Netherlands. International meeting with the Phytochemical Society of Europe, the Gesellschaft fur Arzneipflanzenforschung, and the Association Francaise pour l'Enseignement et la Recherche en Pharmacognosie.
- 2000 - July 22-26, Seattle, Washington
- 2001 - Oaxaca, Mexico

Future AAPS Meetings - 1999

April 8-10 - NIH, Bethesda, MD, Second AAPS Frontier Symposium: "Membrane Transporters and Drug Therapy". For additional information contact the AAPS office at (703)548-3000 or visit AAPS Online at <http://www.aaps.org/edumeet.html>

November 14-18 - New Orleans Hilton, New Orleans, Louisiana - Annual Meeting.

Other Meetings of Interest—1999

February 28-March 3, Addis Ababa, Ethiopia, Second International Symposium on the Chemistry, Biological and Pharmacological Properties of African Medicinal Plants. For further information contact: Professor K. Hostettmann, Chairman, IOCD Working Group on Plant Chemistry, Insititue of Pharmacognosy and Phytochemistry, University of Lausanne, B.E.P., CH-1015 Lausanne-Dorigny, Switzerland. Telephone: 41/21 692 45 61; FAX: 41/21 692 45 65; E-mail: kurt.hostettmann@ipp.unil.ch

May 19-21. University of Colorado at Boulder, The CU-Hauser Symposium in Natural products Chemistry: Chemistry and Bioactivity. For more information contact: University of Colorado at Boulder. attn: Rosemary Trujillo, Campus Box 215, Boulder, CO 80309-0215; FAX: (303)492-0439 E-Mail: rosemary.trujillo@colorado.edu

July 18-22 - 10th IUPAC Symposium on Organo-Metallic Chemistry Directed Towards Organic Synthesis. Contact Congres Scientifiques Services, OSCOS 10, Chantal IANNARELLI, 2, rue des Villarmains, 92210 SAINT CLOUD Cedex, FRANCE.

November 18-19 - Nourrir les hommes, hier et demain, Apports de la Chimie. For more details contact: Congres Scientifiques Services, OSCOS 10, Chantal IANNARELLI, 2, rue des Villarmains, 92210 SAINT CLOUD Cedex, FRANCE.

NOMINATIONS FOR HONORARY MEMBERSHIP

Nominations for Honorary Membership in the American Society of Pharmacognosy are now being accepted by the Honorary Membership Committee. If you would like to nominate a member for this distinguished honor, please forward your nomination and supporting biographical data as well as two letters of recommendation from experts in the field to: **Yuzuru Shimizu**, Ph.D., Department of Biomedical Sciences, College of Pharmacy, University of Rhode Island, 41 Lower College Rd., Kingston, RI 02881; Phone: 401-874-2752, Fax: 401-874-2181, E-mail: yshimizu@uri.edu

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Preliminary programme

Symposium I *Research on new biologically active compounds on different continents*

Asia--V. Reutrakul, Thailand
Africa--E. Dagne, Ethiopia
Latin America--A.J. Lapa, Brasil

Symposium II *Flavonoids and anthocyanins*

Flower colours--E. Cornish, Australia
Chemistry and biological activity--T.J. Mabry
(with P. Pare), USA
Regulation and evolution of early steps in biosynthesis--Schroeder, Germany

Symposium III *Function of secondary metabolism*

Plant-plant interactions--F.A. Macías, Spain
Plant-insect interactions--T. Hartmann, Germany
Plant-microorganism interactions--D.F. Klessig, USA

Lecture series *Methods in natural products research*

Modern NMR and structure elucidation--M. Spraul, Germany
LC coupled on-line with biological assays--H. Irth, The Netherlands
Modern separation methods--K.D. Bartle, UK

Highlight lectures

Antibiotics--A.L. Demain, USA
Terpenoids--J. Gershenzon, Germany
Alkaloids--H.-P. Husson, France
Polysaccharides--H. Yamada, Japan

General lectures

Herbal books--G. Harnischfeger, Germany
Paintings and natural products--J. Boon, The Netherlands
Hallucinogenics--L. Rivier, Switzerland
Yew --G. Appendino, Italy
Secondary metabolites from an industrial point of view--M. Tempesta, USA
Natural products and biodiversity in the rising era of genomics, proteomics, metabolics and bioinformatics--K. Hahlbrock, Germany
Two Millennia of natural products research, what did we miss, how about the future--J.D. Phillipson, UK
Natural products in perfumes and cosmetics--D. Joulain, France

Short lectures

45 short lectures in three parallel sessions

Posters

3 sessions, on Wednesday, Thursday and Friday

Schedule of activities

Monday, July 26--Evening: registration, welcome drinks

Tuesday, July 27--Opening, lectures
Reception at the Rijksmuseum

Wednesday, July 28--Lectures and poster session

Thursday, July 29--Lectures and poster session

Friday, July 30--Lectures and poster session
Congress dinner

Organizing committee

R. Verpoorte (PSE) chairman
T.A. van Beek (PSE) general secretary
J.J.C. Scheffer (GA) treasurer
A.W. Alfermann (PSE)
A.J. Vlietinck (PSE)

Scientific committee

H. Ageta	N.J. Lajis
S. Agurell	C. Lavaud
A.W. Alfermann	J. Leboul
Atta-ur-Rahman	R. Mata
K.H.C. Baser	J. Méndez
J. Bernath	J.N.M. Mol
R.P. Borris	A. Nahrstedt
F. Chandler	M.H.H. Nkunya
G.M. Cragg	W. Oleszek
F. Dajas	V.S. Parmar
V. De Luca	D. Piccinelli
Q.-C. Fang	R. Quinn
J. Fleurentin	M.S.M. Rawat
Ch. Franz	A. San Feliciano
G. Franz	A. Stafford
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