



# ASP NEWSLETTER

Volume 31, Number 3

Fall, 1995

## ANNUAL MEETINGS--PAST AND FUTURE

The American Society of Pharmacognosy

### OLE MISS MEETING POSITIVELY INFECTIOUS

The 36th annual meeting of the ASP was held at the University of Mississippi in Oxford, Mississippi July 23 to 27, 1995. Topics of the meeting centered around the theme "Natural Products as Prototype Antiinfectives: Discovery,

Characterization, and Development." The meeting was highlighted by eleven symposium speakers. Attendees made 28 oral and 174 poster presentations. The scientific program was stimulating and the social events were noteworthy, including a dinner cruise on the Mississippi River. It was a wonderful opportunity to expand scientific knowledge both in the lectures and informal conversations with colleagues and friends. The organizing, local and scientific committees are to be commended on a job well done.

Organizing Committee: James D. McChesney, Alice M. Clark and Charles D. Hufford

Scientific Committee: Alice M. Clark, Chair, James D. McChesney, Charles D. Hufford, Mark T. Hamann, Jordan K. Zjawiony

Local Committee: Charles D. Hufford, Chair, Alice M. Clark, James D. McChesney, Mahmoud A. ElSohly, Iklas A. Khan

### 37th ANNUAL ASP MEETING TO BE HELD IN SANTA CRUZ, CALIFORNIA

The 37th Annual Meeting of the ASP will be held on the campus of the University of California, Santa Cruz, from July 27 to 31, 1996. The general theme for the meeting will be "Natural Products in Biotechnology," which recognizes the close proximity of the center of biotechnology R&D in the US. The UCSC campus sits within a 2,000 acre redwood forest in the Santa Cruz mountains, and offers some spectacular views and sunsets over the Pacific Ocean. The meeting will feature an exciting scientific program, providing many opportunities for meeting participants to interact. The social program will highlight many of the scenic attractions of Santa Cruz and surrounding areas. One important change to note from previous ASP meetings is that the opening reception will take place on Saturday evening (July 27) and the scientific sessions will take place from Sunday until Wednesday. ASP members should expect to see their meeting circulars by the end of January, 1996.

continued on page 3

### REPORT ON THE INTERIM MEETING HELD LAST OCTOBER IN COSTA RICA

The Interim Annual Meeting was held at the Hotel Herradura in San Jose, Costa Rica on October 20-22, 1994. Scientific events at the meeting were a symposium on "Intellectual Property Rights, Naturally Derived Bioactive Compounds and Resource Conservation" and a poster session. Other events included a President's Reception, organized field trips to natural areas and local scientific institutions, and a banquet which featured a presentation on InBio, Costa Rica's Instituto Nacional de Biodiversidad, as well as a lively local band. There were a total of 118 participants at the meeting.

continued on page 3



# American Society of Pharmacognosy Committee Membership 1995-1996

## ASP EXECUTIVE COMMITTEE

Kenneth L. Rinehart	President
Alice M. Clark	Immediate Past President
Charles Hufford	Vice-President
William J. Keller	Secretary
David J. Slatkin	Treasurer
Robert J. Krueger	Assistant Treasurer
A. Douglas Kinghorn	Editor, <i>Journal of Natural Products</i>
C.-J. Chang	Member (1993-1996)
John Cardellina, II	Member (1994-1997)
S. William Pelletier	Member (1995-1998)

## AD HOC COMMITTEES

**Auditing Committee**  
David P. Carew, Chair  
Norman Farnsworth  
Guy T. Carter

**Newsletter Committee**  
Joy B. Reighard, Editor  
Barbara H. Grissani, Editorial Asst.

**Regional Sections Study Committee**  
Roy Okuda, Chair  
Michael S. Tempesta  
Tadeusz F. Molinski  
Tannis Jurgens  
Manfred G. Reinecke

**Personnel Committee**  
Chris M. Ireland, Chair (year 3 of 3)  
Guy T. Carter (year 1 of 3)  
Lester E. Mitscher (year 2 of 3)  
David J. Slatkin (ex officio)

**ASP Job Service Committee**  
Joseph Betz, Chair  
David A. Benigni  
Louis R. Barrows

**Resolutions Committee**  
Robert L. Chapman, Chair (year 3 of 3)  
Mikhail D. Antoun (year 2 of 3)  
John S. Williamson (year 1 of 3)

**Coalition of Pharmaceutical Sciences Association**  
John M. Cassady, ASP Representative

**Indigenous Materials Committee**  
Gordon M. Cragg, Chair  
Brad K. Carté  
Geoffrey A. Cordell  
Djaja D. Soejarto  
Varro E. Tyler  
Robert P. Borris

**Long Range Planning Committee**  
Charles Hufford, Chair  
Robert P. Borris  
Phil Crews

Executive Committee Members

**Continuing Education Committee**  
Robert J. Krueger, Chair  
Jerry L. McLaughlin  
Georgia Persinos

**Journal Distribution Committee**  
Chris W. Beecher, Chair  
Norman Farnsworth  
Samir Kouzi

## OTHER STANDING COMMITTEES

**Membership Committee**  
Charles Hufford, Chair  
Ezio Bombardelli (year 2 of 2)  
John A. Beutler (year 1 of 2)

**Honorary Membership Review Committee**  
Varro E. Tyler, Chair (year 3 of 3)  
Arnold Brossi (year 2 of 3)  
David P. Carew (year 1 of 3)

**Publicity Committee**  
Roy K. Okuda, Chair (year 3 of 3)  
Susan Tafur (year 2 of 3)  
Georgia Persinos (year 1 of 3)  
Joy B. Reighard (ex officio)  
David J. Slatkin (ex officio)  
Tadeusz F. Molinski (ex officio)

**Nominating Committee**  
Alice M. Clark, Chair  
Gordon M. Cragg  
James McAlpine

**Research Achievement Awards Committee**  
S. William Pelletier, Chair (year 3 of 3)  
Henry Rapoport (year 2 of 3)  
A. Ian Scott (year 1 of 3)

**Local Program Committee**  
Roy K. Okuda, Chair  
Phil Crews  
Tadeusz F. Molinski  
Michael S. Tempesta  
John P. Rosazza  
Katherine B. Gloer  
James B. Gloer  
William J. Keller (ex officio)

**Tellers Committee**  
William J. Keller, Chair  
Tea Sam Roe  
Robert M. Riggs

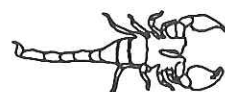
**Publications Committee**  
A. Douglas Kinghorn, Chair  
Richard G. Powell (year 5 of 5)  
David G. I. Kingston (year 2 of 5)  
Harry Fong (year 2 of 5)  
James E. Robbers  
David J. Slatkin  
ASP Members of the Editorial Advisory Board

**Awards and Funds Committee**  
John Cardellina, II, Chair (year 4 of 5)  
Susan Tafur (year 4 of 5)  
James B. Gloer (year 3 of 5)  
Alex Jurgens (year 2 of 5)  
Bill J. Baker (year 5 of 5)  
Robert J. Krueger (ex officio)

**Constitution of By-laws Committee**  
Audrey S. Bingel, Chair (year 1 of 3)  
Tawnya McKee (year 2 of 3)  
Ikhlas Khan (year 3 of 3)

**Scientific Program Committee**  
Phil Crews, Chair  
Tadeusz F. Molinski  
Michael S. Tempesta  
James B. Gloer  
Katherine B. Gloer  
David P. Carew  
James McAlpine  
Carl E. Snipes  
Roy K. Okuda (ex officio)  
William J. Keller (ex officio)

**ASP Foundation Board of Directors**  
Alice M. Clark, Chair  
Kenneth L. Rinehart, Vice-Chair  
William J. Keller, Secretary  
Robert J. Krueger, Treasurer  
John H. Cardellina, II (at large)  
S. William Pelletier (at large)  
Susan S. Tafur (at large)  
Otto Sticher (at large)  
John M. Cassady (at large)





## Costa Rican Meeting

continued from page 1

The symposium was chaired by Doel Soejarto of the University of Illinois at Chicago and Ana Sittenfeld of InBio, the two institutions which co-sponsored the symposium along with the ASP. Eight speakers from institutions and corporations in developed countries presented their methodologies and concerns in their field of drug discovery from natural products on the first day of the symposium. On the second day, thirteen speakers from developing countries discussed their nations' regulations on collection of biological samples for pharmacological screening, and expressed their concerns in the areas of intellectual property rights. The third day began with a special presentation by Monroe Wall of the Research Triangle Institute on his work with camptothecin and taxol, and concluded with a lively discussion chaired by Lisa Conte of Shaman Pharmaceuticals. Of special concern to the participants was the issue of employing technology transfer and capacity building through education and training as adjuncts to the drug discovery enterprise, especially when institutions in developed nations work with samples collected from developing countries. The manuscripts from the presentations and discussions will be published next winter in the *Journal of Ethnopharmacology*. A meeting summary will appear at the same time in the *Journal of Natural Products*.

All participants in the meeting were tremendously pleased by the excellent performance of the local arrangements committee in Costa Rica. Gerardo Mora of the University of Costa Rica headed the committee, whose other members were Pablo Zuniga, Jose Lopez and Efren Fernandez, also of the University; Vanda Nilsson of the National Museum of Costa Rica; Esau Chaves of the National Park Service; and Ricardo Aguilar of the Costa Rican College of Pharmacists. The meeting staff, members of CIPRONA, the natural products research group at the University of Costa Rica, were cheerful and accommodating in the face of the unusual stresses of coordinating the arrivals, departures and other needs of participants from over 20 countries. Guiselle Granados and Patricia Esquivel were the chief coordinators of this effort. The hotel, decorated with orchids and other tropical plants, was a fine locale for an international meeting, and proved to be a very capable institution as well.

Major financial support for the meeting was received from the MacArthur Foundation, Glaxo, Merck and Merck Costa Rica, Perkin Elmer, Conservation International, the Healing Forest Conservancy and the University of Illinois at Chicago. In addition, travel support for speakers from developing countries was received from Shaman Pharmaceuticals, CYTED and the Organization of American States. The financial expense figures for the meeting are not yet in, since manuscript preparation is still on-going at this time, and the final receipt of remaining funds from Costa Rica has just occurred. It is clear, however, that because of the generosity of the many contributors, the meeting will either break even or show a very small profit.

Respectfully submitted,

David Slatkin

Doel Soejarto

Charlotte Gyllenhaal

Cindy Angerhofer

Norman R. Farnsworth, Chair

## Suffness Memorial Fund Established

As most of you already know, Matt died on June 14, 1995 of complications from the bone-marrow transplant he received in November. While his life's work came to an end all too soon, it will be possible for those of us who survive him to continue his efforts to support young scientists active in the natural products arena. When Matt was President of the American Society of Pharmacognosy he initiated the "Young Investigators Symposium" which was to encourage the participation of young investigators and graduate students in formal discussions of current natural products research. Matt's wife Rita, and his family suggested that contributions to the Young Investigators Symposium would be a most appropriate and worthy tribute to his life and work.

Tax-deductible contributions, with the stipulation that the money is to be placed, in Matt's name, in a memorial fund for the Young Investigator's Symposium should be sent to:

Robert J. Krueger, Ph.D., Treasurer  
ASP Foundation  
College of Pharmacy  
901 S. State Street  
Big Rapids, MI 49307  
(616) 592-2236

Checks may be made payable to the "ASP Foundation."

At the time that the *ASP Newsletter* went to press a total of 46 contributions were received for the Matt Suffness Memorial Fund totalling more than \$2,500.00.

## Santa Cruz Meeting

continued from page 1

Symposia and Confirmed Speakers (as of August 31, 1995)

1. Biotechnology and Natural Products in the 90's  
Jon Clardy (Cornell)  
Nobuhiro Fusetani (Tokyo)
2. Biosynthesis and Bioengineering
3. Culture of Marine Macro- and Microorganisms  
Ray Anderson (British Columbia)  
Bill Gerwick (Oregon State)  
Bill Fenical (Scripps)
4. Receptor-Targeted Natural Products Drug Discovery  
John Pezzuto (Chicago)  
Rob West (Zymogenetics)
5. Young Investigator's Symposium
6. Symposium in Tribute to Matt Suffness

For information on the 1996 ASP Meeting, contact Roy K. Okuda, Dept. of Chemistry, San José State University, San José, CA 95192-0101.



# CALLS FOR APPLICATIONS FOR AWARDS...

## 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 - Meinhard H. Zenk

Nominations for the 1997 award are due by May 1, 1996 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 accomplishments. Nomination documents should be submitted in triplicate to: S. William Pelletier, Institute for Natural Products Research, Chemistry Building, The University of Georgia, Athens, Georgia 30602-2556. Phone: (706) 542-5800; FAX: (706) 542-5804.

## 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 blinded competi-

tion. 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, 1996.

### 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, 1996:

- a. An outline of the research to be conducted, written by the student submitting the 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 Travel 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, 1996.

### 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, 1996.

### 5. 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 pharmacy are eligible for this award. The student does not have to be a member of the American Pharmaceutical Association



## 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 as well as supporting biographical data to: Varro E. Tyler, Ph.D., Sc.D., Lilly Distinguished Professor of Pharmacognosy, Department of Medicinal Chemistry and Pharmacognosy, Purdue University, 1333 Robert E. Heine Pharmacy Building, West Lafayette, IN 47907-1333. Phone: (317) 494-7424. Fax: (317) 494-1139.

### Call for Applications for Awards continued from page 4

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, 1996**.

**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.

#### 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, 1996**. 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 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, 1996**. 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.

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

John Cardellina, II, Ph.D.  
Chairman, Awards and Funds Committee  
American Society of Pharmacognosy  
NCI, Frederick Cancer Research and Development Center  
Building 1052, Room 121  
Frederick, MD 21702-1201 U.S.A.  
Phone: (301)846-5431  
FAX: (301)846-6177

## NEW MEMBERS...

### ACTIVE MEMBERS

Maria Isabel Aguilar  
Mexico

Jie-Fei Cheng  
Wilmington, DE

Fran Ertl  
Botanicals International  
Long Beach, CA

Roberto Gomes de Souza Berlinck  
Instituto de Quimica de São Carlos  
Universidade de São Paulo  
Sao Carlos, Brasil

Zheming Gu  
XenoBiotic Laboratories, Inc.  
Plainsboro, NJ

Larry D. Lawson  
Murdock Madaus Schwabe  
Springville, Utah

Ihn-Rhan Lee  
College of Pharmacy  
Ewha Womans University  
Seoul, Korea

William A. Meer  
Botanicals International  
Boonton, NJ

Michel Mercier  
M.M.P. Inc.  
So. Plainfield, NJ

Steve Orndorff  
Irving, TX

Elsa Pilarinov  
Tallahassee, FL

Rosa Elena Pinos  
Escuela Superior Politecnica de  
Chimborazo  
Robama, Ecuador

Geeta Saxena  
Dept of Microbiology  
West East Center for Microbial Diversity  
Vancouver, Canada

Koichi Takeya  
Tokyo University of Pharmacy and Life  
Science  
Tokyo, Japan

Kyung-Jae Yoo  
Korean Sham-Yook University  
Seoul, Korea

John W. Zuzack  
St. Louis College of Pharmacy  
St. Louis, MO



**Future ASP Meetings**

1996 - July 27-31 - Santa Cruz, California

1997 - July 26-30 - University of Iowa

1998 - Orlando, Florida

1999 - International meeting with the Phytochemical Society of Europe, the Gesellschaft für Arzneipflanzenforschung, and the Association Française pour l'Enseignement et la Recherche en Pharmacognosie - The Netherlands

**Future AACP Meetings**

1996 - July, Reno, NV--to avoid the Saturday night casino crowds and because destination Reno requires no Saturday night stay to lower the airfares, the 1996 meeting schedule has been moved ahead by one day. Presessions, Institute of Pharmacy Law, and Board meeting will be held on Friday and Saturday, July 12-13; Teachers' Seminar, Council and ASCC board meetings on Sunday, July 14; Annual Meeting and related activities, Sunday--Thursday, July 15-18.

**Other Meetings of Interest—1996**

January 4-8, 6th International Symposium on Natural Product Chemistry, Karachi, Pakistan. Contact: Prof. Atta-ur-Rahman, Chairman, Organizing Committee, H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270, Pakistan. Tel: 92-21-499-0007, Fax: 92-21-496-3373, E-Mail: Atta%hejfirst@uunet.uu.net

February 22-24, A Workshop on Bioactivity-Guided Isolation, University of Zimbabwe in Harare, Zimbabwe. and

February 25-28, Symposium on Chemistry, Biological and Pharmacological Properties of African Medicinal Plants, Victoria Falls, Zimbabwe. For further information contact: Professor K. Hostettmann, Chairman, IOCD Working Group on Plant Chemistry, Institute of Pharmacognosy and Phytochemistry, University of Lausanne, B.E.P., CH-1015 Lausanne-Dorigny, Switzerland. Tel: 41/21 692 45 61. FAX: 41/21 692 45 05.

February 25-March 1, 1966 Marine Natural Products Gordon Research Conference, Ventura, California. For further information contact: William Gerwick, Ph.D. Professor, Chairman, '96 MVNP-GRC, Oregon State University, Pharmacy Building 203, Corvallis, Oregon 97331-3507.

April 15-17, Phytochemical Diversity: A Source of New Industrial Products, University of Sussex, Brighton, U.K. For information contact: Elaine Wellingham, Conference Secretariat, Field End House, Bude Close, Nailsea, Bristol, BS19 2FQ, UK

April 17-19, VIIth International Symposium on Luminescence Spectrometry in Biomedical Analysis--Detection Techniques and Applications in Chromatography and Capillary Electrophoresis, Université de Nice, France. For information contact: Prof. Dr. Willy R.G. Baeyens, Symposium Chairman, University of Ghent, Pharmaceutical Institute, Dept. of Pharmaceutical Analysis, Lab. of Drug Quality Control, Harelbekestraat 72, B-900 Ghent (Belgium) Fax: ++32-9-221.41.75; tel. ++32-9-221.89.51. E-mail: willy.baeyens@rug.ac.be

April 21 - 27, The 7th Cyprus Conference on New Methods in Drug Research, Limassol, Cyprus. Contact: Cyprus

Conference Secretariat, ARRT International, Inc. P. O. Box 1838, New Milford, CT 06776. Tel. (302)255-5195; Fax (203)355-5975; E-Mail: artintl@aol.com.

June 2-5, The Monroe Wall Symposium on Natural Products "Harnessing Biodiversity for Therapeutic Drugs and Foods," New Brunswick, New Jersey. Rutgers University and Xchem, Inc. Contact: Keith Wilson, Office of Continuing Professional Education, Rutgers University, Cook College, P. O. Box 231, New Brunswick, NJ 08903-0231 Phone: (908) 932-9271, Fax: (902) 932-1187.

June 30-July 4, 1st International Symposium: Breeding Research on Medicinal and Aromatic Plants, Quedlinburg, Germany. Contact: Herrn Dr. F. Pank, Bundesanstalt für Sichtungsforschung an Kulturpflanzen, Neuer Weg 22/23, D-06484 Quedlinburg, Germany, Phone: (49) 03946/47259 Fax: (49)03946/47255.

June 30-July 5, 15th National Conference of the Royal Australian Chemical Institute, Division of Organic Chemistry, Rockhampton, Australia. Contact: Prof. Ron Warrenner, Centre for Molecular Architecture, Central Queensland University, Rockhampton MC, Queensland, Australia, 4702. Tel. +61 79 309 845, Fax: +61 79 309 917, E-Mail r.warrenner@cqu.edu.au

July 1-6, Plants for Food and Medicine Joint Meeting of the Society for Economic Botany and the International Society for Ethnopharmacology, London, England. For information contact: The Linnean Society, Burlington House, Piccadilly, London W1V 0LQ, United Kingdom. Tel: +44 (0) 171 434 4479 Fax: +44 (0) 171 287 9364, E-Mail: marquita@linnean.demon.co.uk

August 11-14, Phytochemical Society of North America Annual Meeting, New Orleans, Louisiana. Symposium Topic: Food Phytochemicals: Flavors, Stimulants and Health Promoters. For further details contact: Professor Nikolaus H. Fischer, Department of Chemistry, Louisiana State University, Baton Rouge, LA 70803 U.S.A. Phone and Fax: (504)388-2695.

September 2-4, Principles Regulating Biosynthesis and Storage of Secondary Products (The Annual Congress of the Phytochemical Society of Europe), Halle, Germany. For more details contact: Martin-Luther-Universität Halle-Wittenberg, Fachbereich Pharmazie, Institut für Pharmazeutische Biologie, Frau Prof. Dr. B. Diettrich, Weinbergweg 15, 06120 Halle, Germany. Telefax: (0345) 5511966.

September 2-7, 44th Annual Congress, Society for Medicinal Plant Research and joint meeting with Czech and Slovak Biotechnology Society, Prague. Contact: Tomáš Vanek, Ph.D., Institute of Organic Chemistry and Biochemistry, Czech Academy of Sciences, Flemingovo nám. 2, 166 10 Praha 6 Czech Republic, Tel. +422 33 12 574, Fax: +422 243 10 503, E-Mail: Vanek@uochb.cas.cz

September 11-14, 2nd Int. Phytomedicine Congress, Munich, Germany. Contact: MCS Medizinischer Creativ Service GmbH, Rosenkavalierplatz 8, D-81925 München. Tel. ++49/89/918042; Fax ++49/89/918046

September 16-20, First World Congress on Allelopathy, Cádiz, Spain. Contact: Prof. Francisco A. Macías, International Allelopathy Society, Department of Organic Chemistry, Faculty of Science, University of Cadiz, Apdo. 40, 11510-Puerto Real (Cádiz) Spain. Tel. 34-56-830217; Fax. 343-56-834924; E-Mail famacias@galeon.uca.es



## JNP to be Co-Published with ACS

Final agreements were signed and the ASP Membership approved via mail ballot the necessary constitutional changes to allow the *Journal of Natural Products* to be co-published with the American Chemical Society starting with the January 1996 issue.

A five-member Journal Management Board has been formed to administer JNP. The three ASP members on the board are: Editor, Douglas Kinghorn; Past-Editor, James Robbers, and ASP Treasurer, David Slatkin. Any input you wish to provide the Journal should be directed to these individuals.

The dues statement you received for 1996 includes a payment for ASP dues (\$25 for active members; \$15 for student members) and voluntary receipt for the Journal (dollar amount dependent on delivery location - ACS members will be able to receive JNP at these same rates). For most ASP members the cost of membership and receipt of the Journal remain the same as in 1995. Canadian and Mexican members will pay an increase of \$9.00. Delivery to the rest of the world will be only via air-delivery for much lower rates via the ACS distribution system. For the first time, members outside the US can now make dues and Journal payments via credit card.

## ASP DIRECTORY

The American Society of Pharmacognosy Directory for 1995 has already been mailed. We want to update it annually. Please check your entry for accuracy. If any information is incorrect or missing - in particular FAX numbers or E-mail addresses - please forward this information to our Treasurer ASAP!

David J. Slatkin, Ph.D., Treasurer  
The American Society of Pharmacognosy  
P.O. Box 9558  
Downers Grove, Illinois 60515  
Phone: (708) 971-6417  
FAX: (708) 971-6097

## Richard Evans Schultes Honored

Richard Evans Schultes, Ph.D. was honored by a symposium in tribute to his life's work. The celebration took place at the Morris Arboretum in Philadelphia on September 14, 1995, and featured presentations by Ara Der Marderosian, Ph.D., FLS, Peter T. Furst, Ph.D., FLS, and Wade Davis, Ph.D. as well as reflections by Dr. Schultes.

## Northern California Section of the American Society of Pharmacognosy Formed

At the Executive Committee meeting held during the annual meeting in Oxford in July, the concept of the organization of the first Regional Section of the ASP was unanimously sanctioned. An existing informal group of natural products chemists in Northern California will begin the process of creating a formal framework for an ASP Regional Section. Among the activities to be undertaken by the Northern California Regional Section will be an ASP membership drive, sponsorship of seminars and mini-symposia, a speakers/information bureau, and a local news page (possibly by e-mail). It is expected that the framework developed here may subsequently be used elsewhere to form additional regional groups. Additional information will be sent to all ASP members in the Northern California region in the near future. If you have any questions or comments, please contact Roy K. Okuda, Department of Chemistry, San José University, San José, CA 95192-0101.

The formation of the Northern California Section of the ASP was announced to an audience of over 100 attendees of the first *Clinimetrics Lecture in Natural Products Drug Discovery*, held at San José State University on Friday, September 29, 1995. The lecture was given by Professor William Gerwick of Oregon State University, who spoke on *Structure, Biosynthesis and Biological Properties of Curacin A: A Potent Antimitotic Agent from a Caribbean Blue Green Alga*. This event was sponsored by Clinimetrics Research Associates, Inc. of San José, a firm which specializes in the organization, management and analysis of human clinical trials of drug candidates. A reception and banquet followed the lecture.

## 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  
Bitnet: JMB@FDACFSAN.





Dr. E. John Staba  
College of Pharmacy  
University of Minnesota  
Minneapolis MN 55455



David J. Slatkin, Ph.D., Treasurer  
The American Society of Pharmacognosy  
P. O. Box 9558  
Downers Grove, Illinois 60515

## MEMBERSHIP

Membership in the American Society of Pharmacognosy is recognized in several categories:

### Full Membership

Full membership is open to any scientist interested in the study of natural products. Dues are \$25.00 per year. In order to receive the *Journal of Natural Products* the subscription rates are as follows: United States: \$50.00; Canada and Mexico: \$59.00; Europe: \$69.00; All other countries: \$72.00.

### Associate Membership

Associate membership is open to students of pharmacognosy and allied fields. These members are not accorded voting privileges, and dues are \$15.00 per year. In order to receive the *Journal of Natural Products* the subscription rates are as follows: United States: \$35.00; Canada and Mexico: \$44.00; Europe: \$53.00; All other countries: \$57.00.

### Emeritus Membership

Emeritus membership is open to retired members of the Society who maintained membership in the Society for at least five years. Dues are \$5.00 per year. These members receive the *ASP Newsletter*. Emeritus members may subscribe to the *Journal of Natural Products* at the Full Member rates.

### Honorary Membership

Honorary members are selected by the Executive Committee of the American Society of Pharmacognosy on the basis of meritorious service to pharmacognosy.

Present Honorary Members are:

Dr. Jack L. Beal, Columbus, Ohio  
Dr. Arnold Brossi, National Institute of Health, MD  
Dr. David P. Carew, University of Iowa  
Dr. Norman R. Farnsworth, University of Illinois  
Dr. R. Hegnauer, Leiden, Netherlands  
Dr. Albert Hofmann, Switzerland  
Dr. Richard E. Schultes, Harvard Botanical Museum  
Dr. Arthur E. Schwarting, Florida  
Dr. Gordon H. Svoboda, Indianapolis, Indiana  
Dr. Varro E. Tyler, Purdue University  
Dr. Hildebert Wagner, University of Munich  
Dr. Monroe E. Wall, Research Triangle Institute, NC  
Dr. Heber W. Youngken, Jr., University of Rhode Island

Additional information about memberships may be obtained by writing to the Treasurer of the Society:

David J. Slatkin, Ph.D., Treasurer  
The Am. Society of Pharmacognosy  
Chicago College of Pharmacy  
555 31st Street  
Downers Grove, IL 60515

### ASP Newsletter

Joy B. Reighard, Ph.D.  
Editor

Barbara H. Grissani  
Editorial Assistant

Deadlines for submission of information are as follows:

Spring Issue - March 1st  
Summer Issue - June 1st  
Fall Issue - September 1st  
Winter Issue - December 1st

Send information to

Joy B. Reighard, Ph.D., Editor  
*ASP Newsletter*  
Temple University School of  
Pharmacy  
3307 N. Broad Street  
Philadelphia, Pennsylvania 19140

Phone: (215) 707-4946

Fax: (215) 707-3678

E-mail:

reighard@astro.ocis.temple.edu

