



THE AMERICAN SOCIETY OF PHARMACOGNOSY

NEWSLETTER

Volume 35
Number 3

Fall, 1999

Joint Meeting in Amsterdam One of the Largest for the ASP

William J. Keller, Ph.D.


Four of the world's most prestigious learned societies of phytochemistry and pharmacognosy conducted a joint scientific meeting in Amsterdam on July 26-30. Our own ASP together with the Association Francaise pour l'Enseignement et la Recherche en Pharmacognosie (AFERP), the Gesellschaft für Arzneipflanzenforschung (GA), and the Phytochemical Society of Europe (PSE) produced and directed "2000 Years of Natural Products Research - Past, Present, and Future." This gathering of scientists was probably the largest that natural product scientists participated in 25 plenary lectures, 45 short podium presentations, and nearly 800 poster displays. The ASP was well represented with 122 attendees. The remaining registrants hailed from 68 different countries which gave the meeting wide global representation.

Almost all of the Congress meetings were conducted within the confines of the Vrije Universiteit (VU) main conference center which proved to be quite adequate. The lecture halls and auditorium were spacious, comfortable, and in general, very conducive to an educational experience. Even though the VU conference center was quite close to the lively and interesting Amsterdam city center, the scientific presentations were always very well attended.

The ASP conducted its usual meeting highlights by integrating and meshing with the other participating societies. The ASP conducted its Executive Committee and Business Meetings on Monday morning, July 26 and Wednesday afternoon, July 28, respectively. Professor David G. I. Kingston, winner of the 1999 ASP Research Achievement Award, presented an outstanding lecture entitled "From Taxus to Paclitaxil: Explorations on the Synthesis and Mechanism of Action of Taxol and its Analogs" on Tuesday morning, July 27.

The social events were truly magnificent. On Tuesday evening, Congress participants and guests were treated to a reception at the

Continued on page 7



**Where will you be
spending the week of
July 22nd, 2000????
Will you be one of the
lucky people to be
spending it in Seattle??
Details in Winter issue!**

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 - Meinhart H. Zenk
- 1997 - John W. Daly
- 1998 - Sidney Hecht
- 1999 - David G. I. Kingston

Nominations for the 2001 award are due by April 1, 2000 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 candi-

date's scientific accomplishments. 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, 2000.**

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, 2000.**

AWARDS AND GRANTS

- 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. Travel Grants for Graduate Students.

Graduate students under the supervision of a Society member are also eligible for a travel grant of a minimum 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, 2000**.

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/her 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, 2000**. 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 a minimum 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

Continued on Page 4

Continued from Page 3

deadline for submission of applications is **March 1, 2000**. 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 pharmacy 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, 2000**.

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:

William Gerwick
College of Pharmacy
Oregon State University
Corvallis, Oregon 97331

Phone: 541-737-5801

FAX: 541-737-3999

E-mail: Bill.Gerwick@orst.edu

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: Jack Rosazza, Professor & Head Medicinal & Natural Products Chemistry, Director, Center for Biocatalysis and Bioprocessing, Oakdale Research Park, 2501 Crosspark Road, University of Iowa, Iowa City, Iowa 52242; Phone (319)-335-4902; FAX (319)-335-4901

ASP COMMITTEE MEMBERS 1999-2000

STANDING COMMITTEES

Membership

John H. Cardellina II, Chair
Tawnya C. McKee (year 3 of 3)
Mahabir P. Gupta (year 2 of 3)

Honorary Membership

Ken Rinehart (year 3 of 3)
Georgia Persinos (year 2 of 3)
Jack Rosazza (year 1 of 3)

Publicity

Ramesh C. Pandey (year 2 of 3)
Ulla Mocek (year 1 of 2)
Luis M. Pena-Rodriguez
(year 1 of 3)
David J. Slatkin (*ex officio*)
Joy B. Reighard (*ex officio*)

Publications

A. Douglas Kinghorn, Chair
(year 2 of 5)
Richard G. Powell (year 5 of 5)
Alice M. Clark (year 2 of 5)
Francis J. Schmitz (year 2 of 5)
David J. Slatkin (*ex officio*)
ASP Members of the Editorial
Advisory Board

Tellers

William J. Keller, Chair
T. Sam Roe
John Eley

Constitution & By-laws

Jodi Laakso, Chair (year 3 of 3)
Katherine B. Gloer (year 2 of 3)
Roy Okuda (year 1 of 3)

Awards and Funds

William H. Gerwick, Chair
(year 2 of 5)
Larry A. Walker (year 4 of 5)
James B. McAlpine (year 3 of 5)
Brad Davidson (year 1 of 5)

Continued next page

ASP EXECUTIVE COMMITTEE—1999-2000

James B. Gloer — President
 John H. Cardellina, II — Vice President
 Gordon M. Cragg — Immediate Past President
 William J. Keller—Secretary
 David J. Slatkin—Treasurer
 Robert J. Krueger—Assistant Treasurer
 A. Douglas Kinghorn—Editor, *J. Nat. Prod.*
 Roy Okuda —Member (1997-2000)
 Guy T. Carter — Member (1998-2001)
 John C. Clardy — Member (1999-2002)

Nominating

Gordon Cragg, chair
 David Carew
 A. Douglas Kinghorn

Research Achievement Awards

Jon Clardy, chair (year 3 of 3)
 John M. Pezzuto (year 2 of 3)
 David Kingston (year 1 of 3)

Local Program, 2000 - Seattle

Jodi Laakso, co-chair
 Ulla Mocek, co-chair
 Heinz G. Floss
 Raymond Andersen
 William H. Gerwick
 Bradley S. Moore

2000: Seattle, Scientific Program

Heinz G. Floss
 Raymond Andersen
 William H. Gerwick
 Bradley S. Moore
 Jodi Laakso
 Ulla Mocek

Local Program, 2001 - Oaxaca

Raul Enriquez, Chair
 Rachel Mata, Co-chair
 Rogelio Pareda, Co-chair
 Maria Luisa Villareal
 Luis Manuel Pena-Rodriguez
 John Pezzuto
 Doug Kinghorn
 Robert Bye
 Eldemira Linares

Scientific Program, 2001 - Oaxaca

Raul Enriquez
 Rachel Mata
 Rogelio Pareda
 Maria Luisa Villareal
 Luis Pena-Rodriguez
 John Pezzuto
 Doug Kinghorn

ASP Foundation Board of Directors

John M. Cassady, Chair
 William J. Keller, Secretary
 Robert J. Krueger, Treasurer
 Robert P. Borris (at large)
 John H. Cardellina, II (at large)
 Alice M. Clark (at large)
 Charles D. Hufford (at large)
 S. William Pelletier (at large)
 Gordon Cragg (at-large)
 Otto Sticher (at large)
 David J. Slatkin (*ex officio*)

AD HOC COMMITTEES

Auditing

Tadeusz F. Molinski, Chair
 Jon E. Anderson
 Mark Zabriskie

ASP Job Service

Joseph Betz, Chair
 Dan A. Benigni
 Louis R. Barrows
 Edward J. Kennelly

Continuing Education

Robert J. Krueger, Chair
 Robert L. Chapman
 Georgia Persinos

Newsletter

Joy B. Reighard, Editor
 Barbara H. Grissani, Ed. Asst.

Regional Sections Study

Roy Okuda, Chair
 Michael S. Tempesta
 Ray Cooper
 Tadeusz F. Molinski
 Russell J. Molyneux

Resolutions

Cedric Pearce, Chair
 Mikhail D. Antoun
 Keith M. Witherup

ASP Web Site Development

John A. Beutler, Chair
 Charles D. Hufford
 Christopher Beecher
 Joy Reighard
 Barbara Grissani

CORRECTION

Dr. David Kingston is a member of the Editorial Advisory Board of *Current Organic Chemistry* published under the Executive Editorship of Prof. Atta-Ur-Rahman by Bentham Science Publishers, the Netherlands. (Not Elsevier Science Publishing)

WHAT IS NORMAN UP TO NOW???

Norman Farnsworth is now director of the UIC Dietary Supplements Research Centers. Congratulations, Norman!

Future ASP Meetings

- 2000 - July 22-26, Seattle, Washington
 2001 - Oaxaca, Mexico
 2002 - New Brunswick, NJ, joint with Monroe Wall Symposium

Future AAPS Meetings - 2000

October 29 - November 2 - Annual Meeting and Exposition, Indiana Convention Center, Indianapolis, Indiana

Future AACP Meetings - 2000

July 7-12 - Sheraton Harbor Island, San Diego, California

Other Meetings of Interest—2000

January 18-22, -- Karachi, Pakistan. 8th International Symposium on Natural Product Chemistry. For information contact: Prof. Atta-ur-Rahman (Chairman), Director, International Center For Chemical Sciences, H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270, Pakistan. Telephone: 92-21499-0007; 92-21-496-8497; Fax: 92-21-496-3373; 92-21-496-3124. E-mail: hejric@digicom.net.pk

January 24-28, -- San José, Costa Rica. Biotechnology Congress. For information contact: Organizing committee Biotechnology Congress, Escuela de Quimica, Universidad de Costa Rica, San José, Costa Rica, Tel.: (506) 207-4044, Fax: (506) 253-5020, E-mail: congreso99@calzada.equi.ucr.ac.cr Web: <http://www.equi.ucr.ac.cr/biotec>

April 11-13 - Braveno-Stresa, Lake Maggiore, Italy, 19th Pharmaceutical Technology Conference and Exhibition, . For details contact: M.H. Rubenstein, 24 Menlove Gardens North, Liverpool L 18 2EJ, United Kingdom. Phone: National 0151 737 1993, International +44 151 737 1993. Fax:

National 0151 737 1070, International +44 151 737 1070. E-mail: ECECLIVPL@AOL.COM Website: www.ecec.co.uk

May 7-10, Rolduc, Kerkrade, The Netherlands. 3rd Future Trends in Phytochemistry - a Young Scientists Symposium Organized by the Phytochemical Society of Europe. More information and registration forms can be obtained from: <http://www.fortunecity.com/meltingpot/rundberg/547/rolduc/homepage.html> or by contacting Prof. R. Verpoorte at: Fcopsymp@LACDR.LeidenUniv.NL

June 27-29 - Ankara, Turkey - International Symposium on Pharmaceutical Sciences. For information contact: Prof. Dr. Nilüfer TARIMCI, Ankara University, Davuliy of Pharmacy, 06100 Tandogan, Ankara-Turkey, Fax: +90 312 2131081 E-mail: ankpharm@pharmacy.ankara.edu.tr URL: <http://www.pharmacy.ankara.edu.tr>

August 6-10, Beltsville Maryland. Phytochemical Society of North America. Symposium on Applications of Molecular Biology to Phytochemistry. Contact: James A. Saunders, USDA-ARS, Bldg. 50, Rm. 100, Beltsville, MD 20705; Phone: 301-504-7477; E-mail: saund10449@aol.com

October 11-13, Munich, Germany. The 3rd International Congress on Phytomedicine. Contact: Prof. Dr. H. Wagner, Institut fuer Pharmazie - Zentrum fuer Pharmaforschung, Pharmazeutische Biologie, Butenandtstr. 5 - 13, 81377 Muenchen, Germany, FAX: +49-89-2180-7051, E-Mail: H.Wagner@cup.uni-muenchen.de

Announcement and Call for Papers

Third International Congress on Phytomedicine, October 11-13: in Munich, Germany organized by the Society of Phytotherapy (GPT), the Society for Medicinal Plant Research (GA), and the European Scientific Cooperative on Phytotherapy (ESCOP)

Venue: University of Munich, ZENTRUM FÜR PHARMAFORSCHUNG (Centre of Pharmaceutical Research), Butenandtstr. 5-13, Building F D-81377 Munich, Germany

Scientific Program - Research Topics: Phytopharmacological and Phytochemical Research: Molecular biology and mechanisms of action; Pharmacological screening of plant extracts and isolated compounds; New constituents of medicinal plants with biological activity; Standardization of Herbal Medicinal Products. Herbal Medicinal Products in use in clinic and practice: Viral, fungal and parasitic infections; Chronic liver diseases, incl Virus Hepatitis B and C; Inflammation, asthma, allergies, rheumatism; Cancer, immunodeficiencies; Central and autonomic nervous system; Cardiovascular diseases; Endocrine dysfunctions; Cancer Chemoprevention. (Contributions on other medical indications in a limited number only)

For further information, please contact: Prof. Dr. H. Wagner / Dr. Renate Seitz, Institut für Pharmazie, Zentrum für Pharmaforschung, Pharmazeutische Biologie Butenandtstr. 5-13, D-81377 MUNICH, Germany
Phone: ++49 (0) 89 2180 7050 / ++49(0)172 755 7988 Fax: ++49 (0) 89 2180 7051
E-mail: H.Wagner@cup.uni-muenchen.de and reseitz@gmx.de
Paper deadline: March 2000
Exhibition: Stands will be available

Report continued from page 1

Rijksmuseum. Imagine engaging in scientific and/or relaxed social discussions over a glass of wine and hors d'oeuvres in an elegant museum with the original Dutch Masters and Night Watch in the background. Outstanding! Wonderful! The Congress concluded with a bus trip to Marken and then a boat ride to Volendam. Volendam is a small, quaint fishing village where the congress staged its annual banquet. Excellent food and friendly conversation were in abundance. A good time was had by all.

All scientists attending this Congress owe a huge debt of gratitude to Dr. Rob Verpoorte and his Dedicating Organizing Committee members. They expended a great deal of their energy and time to provide a meaningful, memorable, and enjoyable convention experience.

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 strict confidence.

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

Dr. E. John Staba
2840 Stinson Blvd NE
Minneapolis MN 55418



MEMBERSHIP

David J. Slatkin, Ph.D., Treasurer
The American Society of Pharmacognosy
P.O. Box 12548
Glendale, Arizona 85318-2548

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, Canada, and Mexico: \$62 (Print edition), \$50 (Web edition), \$112 (Both Print and Web); All other countries: \$98 (Print edition), \$50 (Web edition), \$148 (Both Print and Web)

Associate Membership

Associate membership is open to students of pharmacognosy and allied fields only. These members are not accorded voting privileges. Dues are \$15.00 per year. In order to receive the *Journal of Natural Products* the subscription rates are as follows: United States, Canada, and Mexico: \$47 (Print edition), \$50 (Web edition), \$97 (Both Print and Web); All other countries: \$83 (Print edition), \$50 (Web edition), \$133 (Both Print and Web).

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. 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. S. William Pelletier, University of Georgia
- Dr. James E. Robbers, Purdue University
- Dr. Richard E. Schultes, Harvard Botanical Museum
- Dr. E. John Staba, University of Minnesota
- 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 American Society of Pharmacognosy
P.O. Box 12548
Glendale, AZ 85318-2548

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 Univ. School of
Pharmacy
3307 N. Broad Street
Philadelphia, Pennsylvania
19140

Phone: (215) 707-4946

Fax: (215) 707-3678

E-mail:

reighard@astro.temple.edu

