



ASP Newsletter

The American Society of Pharmacognosy

VOLUME 22, NUMBER 1

MARCH 1986

FROM THE EDITOR

I want to thank you for your continued support and contributions to the ASP Newsletter. A special thanks to Lynn Brady and President Cordell for their contributions to the last edition. Please send any letters to the editor, editorials, grant information, grants received, new positions, position changes, and any other material which is of interest to our readers. This material should be sent to:

Joy B. Reighard, Ph.D., Editor

ASP Newsletter

Temple University School of Pharmacy

3307 N. Broad St.

Philadelphia, PA 19140 U.S.A.

Phone: (215) 221-7887

Material for the next issue should reach my office no later than April 30, 1986

TANNIS M. JURGENS WINS KILMER PRIZE

Tannis M. Jurgens, a graduate student at the University of Mississippi School of Pharmacy, is the 1986 recipient of the Kilmer Prize. The prize was awarded at the 1986 American Pharmaceutical Association Annual Meeting in San Francisco, March 17.

Ms. Jurgens, a native of Newfoundland, Canada, received her B.S. in Pharmacy in 1981, and her M.S. in Pharmacognosy in 1983, both from Dalhousie University. She also received the Parke-Davis Pharmacy Research Award Fellowship in 1982.

Tannis is a doctoral candidate in the University of Mississippi School of Pharmacy under the direction of Dr. Alice Clark. Her winning paper is entitled, "Black Walnut Hulls as a Cure for Ringworm: Fact or Fiction?" The study examines the antifungal activity of the juice from freshly macerated unripe hulls of the black walnut (*Juglans nigra*) which has been used for centuries in folk medicine.

Ms. Jurgens will be presenting her paper at the 1986 Annual Meeting of the ASP in Michigan this July.

Congratulations on a job well done!

DEALERS IN BOTANICALS

Jim Duke

Some Natural Product Chemists may not be aware of one good source of data known as the *Chemical Marketing Reporter*. The *Chemical Marketing Reporter* is a tabloid trade journal published by Schnell Publishing Company, Inc., 100 Church Street, New York, 10007-2694. Subscriptions are \$60.00 a year.

For me, it has been a singular source of interesting monetary tidbits on such esoteric products as aloe, basil, cubebs, etc. It's surprising how many items of interest to Natural Product Chemists will be found therein.

The April 1, 1985 issue, for example, has articles on olive oil, corn oil, linseed oil, palm kernel oil, sunflowerseed oil, tung oil, pepper, avocado oil, cardamom, chillies, saffron (\$235-270 per pound), citric acid, and gave prices on literally hundreds of botanicals, many of which would be of interest to Natural Product Chemists.

Each weekly issue runs prices and tables summarizing monthly imports of given botanicals, which are useful to scientists like myself with a need to know the annual markets for various esoteric crops and their products.

To give you an idea of how difficult it is to obtain such data, I wrote to several different government agencies, including other branches of my own agency, to try to find out the volume of annual U.S. imports of aloe, fenugreek, psyllium, wormwood, etc. One month later, I have no data. Representatives of the agencies have called to tell me that it is impossible to disaggregate the data. One USDA man did provide the data on psyllium, data also available in the *Chemical Marketing Reporter*.

Included with the annual subscription to the *Chemical Marketing Reporter*, is another uniquely useful annual, *OPD Chemical Buyers Directory*, which gives names, addresses, phone numbers, telex numbers of the hundreds of dealers in the thousands of chemicals, including those biochemicals of interest to Natural Product Chemists.

I have extracted from the *Chemical Marketing Reporter*, several items relating to botanicals. This includes a price and source list of close to 400 botanicals, in addition to a list of dealers names, addresses, and phone numbers. If anyone is interested in obtaining this information, please write: Dr. James A. Duke, Germplasm Resources Laboratory, USDA, Beltsville, MD 20705, U.S.A.

SOCIETY BUSINESS

TELLER'S REPORT

The Teller's Committee (John N. Davisson, Kenneth R. Shrader, William J. Keller, Chair) reports the results of the 1985 election:

Vice President - Yuzuru Shimizu

Executive Committee Member (1986-1989) - Marilyn Speedie

Proposed Amendments A and B - Passed (To change the wording of the membership dues requirement.)

A total of 268 ballots (196 North American and 72 Non-North American) were received and counted. This represents 40% of the qualified voting membership.

The new officers will be installed at the annual meeting in Michigan in July, 1986.

NEW REFEREES NEEDED FOR THE JOURNAL OF NATURAL PRODUCTS

Due to the increase in the number of manuscripts being received by the *Journal of Natural Products* editors, our current referees are being sorely overworked. It is hoped that no referee will review more than 4-5 papers per year.

Anyone who is interested in serving the ASP in this capacity, and who has not previously received manuscripts to review, is asked to notify the editors (addresses below) of their desire. Please be sure to include the subject areas or natural product classes with which you feel most competent. Although the editors may not be able to utilize all interested persons, they certainly can use some help in this task.

James E. Robbers, Editor

Jerry L. McLaughlin, Associate Editor

Department of Medicinal Chemistry and Pharmacognosy

School of Pharmacy and Pharmacal Sciences

Purdue University

West Lafayette, Indiana 47907 U.S.A.

David G.I. Kinghorn, Associate Editor

Department of Chemistry

Virginia Polytechnic Institute and State University

Blacksburg, Virginia 24061 U.S.A.

ASP SMALL GRANTS AND AWARDS

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

1. ASP Travel Grants for Active Members:

Members of the Society within the first five years of assuming their first professional position are eligible for a \$500 grant to present the results of their research at an annual meeting of the Society. Applications are due February 1, 1986.

2. ASP Small Research Grants:

Members of the Society within the first five years of assuming their first professional position are eligible for a \$2500 grant to aid in their research. These grants will not provide overhead monies to the grantee institution. Applications are due February 1, 1986.

3. ASP Travel Grants for Graduate Student:

Graduate students under supervision of a Society Member are eligible for a \$250 grant to present a paper at an annual meeting of the Society. Applications are due May 1, 1986.

4. ASP Undergraduate Research Awards:

Undergraduate Students interested in investigating a career in natural products research are eligible for a research award to study under the direction of a Society Member on the faculty of an American college or university. These awards (\$1500 to the student and \$500 to the advisor) do not provide overhead monies to the grantee institution. The Research project is to be accomplished during the summer previous to the last year of the student's academic program leading to the B.S. or Pharm.D. degrees.

Address inquiries and requests for application information to:

Joseph E. Knapp, Ph.D.

Chairman, Awards Committee

American Society of Pharmacognosy

University of Pittsburgh

School of Pharmacy

512 Salk Hall

Pittsburgh, PA 15261 U.S.A.

HERBAL MEDICINE RESEARCH GRANTS

Tsumura Juntendo, Japan's leading producer of Kampo (oriental herbal) medicines by modern scientific methods, has initiated a grants program to foster the in-depth study of traditional herbal medicines. The company wishes to encourage innovative basic and clinical studies on the properties of medicinal plants, particularly those used in oriental medicine.

Research support will be offered to scientists and clinicians who propose to study the pharmacological activity and/or clinical efficacy of oriental herbal medicines. Special consideration will be given to original research ideas which may not yet have the preliminary data required by other sources of support.

Support will ordinarily range from \$10,000 to \$25,000 annually for a two-year period, with funding for the second year contingent upon submission and favorable review of an Annual Progress Report. Under extraordinary circumstances, funding will be available for a third year.

Annual application deadlines: January 1 and July 1.

For further details, including form of application write to:

Tsumura Juntendo, inc.

c/o Michael Solomon Associates

509 Madison Ave., Suite 1708

New York, NY 10022 U.S.A.

Telephone: (212) 223-3340

FUTURE MEETINGS

1986 ANNUAL MEETING

The 1986 Annual Meeting of the American Society of Pharmacognosy will be held July 27-30, 1986 at the University of Michigan, Ann Arbor, Michigan. This year's symposium is entitled "Antibiotics: Biosynthesis, Molecular Biology and Genetics," and will include talks by the following speakers:

John C. Vederas	Department of Chemistry, The University of Alberta, "Biosynthesis of Polyketides Using Stable Isotopes"
David E. Cane	Department of Chemistry, Brown University, "Stereochemical Studies of Natural Products Biosynthesis"
Heinz G. Floss	Department of Chemistry, The Ohio State University, "Studies on the Biosynthesis of Antibiotics"
C. Richard Hutchinson	Division of Medicinal Chemistry, The University of Wisconsin, "Biological Methods for Studying Natural Product Biosynthesis"
Jerald S. Feitelson	Biotechnology Research Department, American Cyanamid Co., Lederle Laboratories, "Molecular Genetics of RED Production by <i>S. coelicolor</i> "
George H. Jones	Department of Cellular and Molecular Biology, The University of Michigan, "Regulation of Actinomycin Synthesis in <i>S. antibioticus</i> "
E.T. Seno	Lilly Research Laboratories, Eli Lilly and Company, "Cloning and Characterization of Genes Involved in Tylosin Biosynthesis and Resistance"

(Continued from page 2, column 2)

As you can see the symposium promises to be an informative one for all in attendance. In addition to the symposium, this year's meeting will also consist of poster and podium presentations covering all aspects of natural product research. Details of the submission procedure and abstract forms were made available in the Second Announcement of the Meeting, to be sent to the membership in March, 1986. If you wish to receive this information and are not a member of the ASP you may contact Dr. Hatfield at the address indicated below. The deadline for submission of abstracts is May 15, 1986.

In addition to the scientific program, the local program committee has arranged for some interesting social events. We will be having the usual social mixer on Sunday evening, and the traditional fun-filled banquet on Wednesday evening at which time our three new honorary members will make short presentations. Tuesday evening provides a giant poster-session with wine and cheese. Monday evening, a "Botanical Buffet" has been planned in the University Botanical Gardens which will include some local entertainment.

More information will be available in the next issue of the ASP Newsletter. For details contact: George M. Hatfield, Ph.D., College of Pharmacy, University of Michigan, Ann Arbor, MI 48109 U.S.A. Telephone: (313) 764-2442.

CE AVAILABLE AT THIS SUMMER'S MEETING

The ASP, under the ACPE providorship and in cooperation with the University of Michigan College of Pharmacy (ACPE Program #180-029-86-05), will be offering CE credit for registered members attending the symposium and portions of the contributed paper sessions at the annual meeting in July. A maximum of 15 hours of credit will be available. Individuals who hold practitioner's licensure in states requiring mandatory CE are urged to sign up for the program on their meeting registration form. A nominal registration fee is anticipated. The Continuing Education Committee (Audrey S. Bingel, Pedro I. Chavez, and Robert J. Krueger, Chair) has organized this program in cooperation with Michael Shannon, Director of Continuing Education, University of Michigan School of Pharmacy. For further information, contact Mike Shannon (313) 764-8053, or write Bob Krueger (School of Pharmacy, Ferris State College, Big Rapids, MI 49307 U.S.A.) Details of the program will be forthcoming in the next Newsletter, and in the second meeting announcement.

OTHER FUTURE ASP MEETINGS

- 1987 - July 19-24 (Tentative), University of Rhode Island
- 1988 - July 9-14 (Tentative), The University of Utah
- 1989 - University of Puerto Rico

SEE YOU IN ANN ARBOR!

OTHER MEETINGS OF INTEREST

International Meeting on *Viscum album*, April 10-11, 1986, Ruprecht-Karls-Universitat, Heidelberg, FRG. For further information contact: Prof. Dr. Hans Becker, Institut. f. Pharm., Biologie, Universitat, Heidelberg, INF 364, D 6900 Heidelberg, FRG.

Fifth Symposium on Medicinal Plants' Research and Jamu Expo 1986, Airlangga University, Surabaya, July 20-22, 1986. For details write:

✓ Faculty of Pharmacy, Airlangga University,
Jalan Airlangga 6, Surabaya 60286, Indonesia
Phone 43710 Telex 31138 UNAIR SB.

27th Annual NW Naturopathic Physician's Convention, Seattle, Washington, May 8-10, 1986. For further information write: NW Naturopathic Physician's Convention, c/o John Bastyr College, 144 N.E. 54th, Seattle, WA 98105 U.S.A.

XVI Pacific Science Congress, Seoul, Korea, August 20-30, 1987. For more details contact: Organizing Committee, XVI Pacific Science Congress, Seoul, 1987, K.P.O. Box 1008, Seoul 110, Korea.

BOOKS OF INTEREST

"Hoosier Home Remedies," Varro E. Tyler. Dr. Tyler has collected and transcribed more than 750 folk remedies still alive in the memories of some 175 Hoosier-area correspondents. 212pp., Purdue University Press, West Lafayette, Indiana 47907 U.S.A., 1986, \$17.50.

"Toxins, Drugs, and Pollutants in Marine Animals." L. Bolis, J. Zadunaisky, and R. Gilles, Eds., 193pp., Springer-Verlag, 1984, \$34.00.

"CRC Handbook of Medicinal Herbs," James A. Duke, 704pp., CRC Press, Boca Raton, Florida 1986, \$180.00 (U.S.).

"Chemistry and Biotechnology of Biologically Active Natural Products," Cs. Szantay, A. Gottsegen, and G. Kovacs, Eds., 378pp., Elsevier Scientific Publishing Co., New York, 1984, \$77.00.

"Chromatography of Alkaloids, Part B: Gas-Liquid Chromatography and High-Performance Liquid Chromatography," R. Verpoorte and A. Baerheim Svendsen, 457pp., Elsevier Science Publishing Co., New York, 1984, \$94.25.

"Alkaloids: Chemical and Biological Perspectives, Vol. 2 and Vol. 3," S.W. Pelletier, Ed., John Wiley, New York, 1984-85.



Treasurer Slatkin and Editors Robbers and McLaughlin
Austin, Texas, 1984

NEW MEMBERS

The ASP is pleased to welcome the following new members:

New Full Members:

Creed Wills Abell Univ. of Texas	Ragai Ibrahim Concordia University
Effat Abu-Mustafa Dokki, Guiza, Egypt	Dennis Jones Montreal, Quebec, Canada
Edward V. Avakian Univ. of the Pacific	Ryo Kido Wakayama Medical College
Lauro E.S. Barata Sao Paulo, Brazil	Linda Lathrop Mopti, Mali, West Africa
Roser Vila Casanovas Barcelona, Spain	Jones O. Moody Univ. of Ibadan, Nigeria
Karin Chiung-Sheue Chen National Taiwan Univ.	Hans Neukom Zurich, Switzerland
Ted Kiong Crien Hunt Valley, Maryland	Martina Rueffer Univ. of Munich
Afranion Craveiro Ceara, Brazil	Mark Samuelson Los Angeles, California
Ray F. Dawson Winter Park, Florida	Mary S. Saunders Monticello, Florida
Francesco V. DeSimone University of Naples	A. Ian Scott Texas A&M Univ.
Lawrence J. Dieterman Winona, Minnesota	Gordon F. Smith Ontario, Canada
Moshera M. El-Sherei Cairo University	Ian D. Spenser Ontario, Canada
Salvadore C. Folcara Girona, Spain	Adrienne A. Tymiak E.R. Squibb and Sons, Inc.
G. Franz Univ. of Regensburg	Byung Hoon Han Seoul National Univ.
Charlotte Gyllenhaal University of Illinois	Edwin Haslam Univ. of Sheffield

New Associate Members

Ehsan Abou-Zied Univ. of Zagazig	Samir A. Kouzi Univ. of Mississippi
David Corley Columbia, Missouri	Steven M. Swanson Univ. of Illinois

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 \$35.00 per year. If overseas airmail is desired, the dues are \$60.00.

Associate Membership

Associate membership is open to students of pharmacognosy and allied fields. These members are not accorded voting privileges, and dues are \$25.00 per year.

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, The Ohio State University
 Dr. Jonathan L. Hartwell, Washington
 Dr. R. Hegnauer, Leiden, Netherlands
 Dr. Albert Hofmann, Switzerland
 Dr. Richard E. Schultes, Harvard Botanical Museum
 Dr. Arthur E. Schwarting, Florida
 Dr. Heber W. Youngken, Jr., University of Rhode Island

Patron, Sustaining, and Benefactor Memberships

These memberships are open to any person or organization wishing to support the aims and objectives of the Society. Dues are as follows:

Patron Member - \$200.00 per year
 Sustaining Member - \$500.00 per year
 Benefactor Member - \$1,000.00 per year

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
 Department of Pharmaceutical Sciences
 512 Salk Hall
 University of Pittsburgh
 Pittsburgh, PA 15261 U.S.A.

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Joy B. Reighard, Ph.D., Editor

Temple University School of Pharmacy
 3307 N. Broad Street
 Philadelphia, PA 19140 U.S.A.
 Phone: (215) 221-7887

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

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 ORGANIZATION
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