



# ASP Newsletter

## The American Society of Pharmacognosy

VOLUME 22, NUMBER 2

JUNE, 1986

### FROM THE EDITOR

Thanks to all who have continued to contribute to the *ASP Newsletter*. Your contributions are what makes the newsletter successful. Please send your letters to the editor, selected editorials, grant information, grants received, new positions, position openings, and any other information which may be of interest to our readers. This materials should be sent to:

Joy B. Reighard, Ph.D., Editor

*ASP Newsletter*

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Material for the next issue should reach my office no later than August 15, 1986.

### A MESSAGE FROM THE PRESIDENT

It seems impossible that it is almost a year since I assumed this office of President of the American Society of Pharmacognosy and as I look back over the year I wonder where the time has gone and what has been accomplished. Not a whole lot actually if the truth were known, but then what was the need? Three committees received charges at the beginning of the year and we await their reports at the Annual Meeting in Ann Arbor. The coffers continue to swell and new members are being enrolled on a regular basis. Our journal name is now trade-marked and the journal itself continues to thrive. We have a superb group of dedicated officers in Slatkin and Keller, together with the JNP group of Robbers, McLaughlin, and Kingston and with our research program about to make its second year of awards we appear to be travelling on a sound course. And yet I sense an uneasiness. A feeling that in the trenches all is not well, nor has it been for many years. There is a level of cynicism about the field of pharmacognosy that is to say the least disturbing. It seems to me to relate to a lack of security, a feeling that as individuals we are alone. That in certain institutions the notion of pharmacognosy as a vibrant, expansive, and highly relevant science has somehow been missed. Over the years, I suppose that sometimes I too felt a little this way. But, as I have travelled out of the United States I have come to appreciate that the narrow view held by many faculty in colleges of pharmacy towards pharmacognosy is really quite irrelevant in the large view of things. I believe that with a renewed dedication of spirit to the renovated *collaborative* science of pharmacognosy, we will survive as a discipline in those institutions which are capable of appreciating what our science has to offer in the modern era of drug discovery. Note that I emphasized "collaborative", without the establishment of strong collaborative arrangements I fear that we will be dead as a science. The biological importance of our chemical efforts is what makes us unique and what as a consequence we must emphasize.

The symposium sessions at the 27th Annual Meeting of the American Society of Pharmacognosy are, I believe a good example of the breadth of pharmacognosy and of the contributions that a "pharmacognosist" can make. These are truly outstanding scientists who will be presenting plenary lectures. They are scientists who have not just followed, but have led the study of natural products into new areas having posed innovative questions.

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### FARNSWORTH, SVOBODA, AND TYLER TO RECEIVE HONORARY MEMBERSHIP

Three members of the ASP will be receiving honorary membership in the Society at the Annual Meeting this July in Ann Arbor, Michigan. Congratulations to Norman R. Farnsworth, Gordon Svoboda, and Varro E. Tyler, who will be honored at the awards banquet on July 30, 1986.

### KILMER PRIZE WINNER TO PRESENT PAPER AT ANNUAL MEETING

Tannis M. Jurgens, the 1986 recipient of the Kilmer Prize, will be presenting her paper, "Black Walnut Hulls as a Cure for Ringworm: Fact or Fiction?", at the 1986 Annual Meeting of the ASP in Ann Arbor, Michigan in July. This will be the first time that this paper will be presented at the ASP Annual Meeting.

Ms. Jurgens will be a guest of the ASP in Ann Arbor, where the paper is to be presented. We all look forward to hearing this presentation in July.

## 1986 ANNUAL MEETING TIME IS HERE!

It's time again for the Annual Meeting of the American Society of Pharmacognosy. This year's meeting proves to be an exciting one, and takes place at the University of Michigan at Ann Arbor, Michigan. The symposium this year is entitled: "Antibiotics: Biosynthesis, Molecular Biology, and Genetics."

The symposium program is as follows:

### Monday, July 28, 1986, 9:00 a.m.

Dr. Heinz G. Floss                      Studies on the Biosynthesis  
The Ohio State University          of Antibiotics  
Columbus, Ohio

Dr. C. Richard Hutchinson          Biological Methods for Studying  
The University of Wisconsin        Natural Product Biosynthesis  
Madison, Wisconsin

### Tuesday, July 29, 1986, 8:30 a.m.

Dr. Jerald S. Feitelson                Molecular Genetics of **RED**  
American Cyanamid Co.              Production by *Streptomyces*  
Lederle Laboratories  
Pearl River, New York

Dr. George H. Jones                    Regulation of Actinomycin  
The University of Michigan          Synthesis in *S. antibioticus*.  
Ann Arbor, Michigan

Dr. E.T. Seno                              The Use of Recombinant DNA  
Lilly Research Laboratories        Techniques in the Study of  
Indianapolis, Indiana                Antibiotic Production

### Wednesday, July 30, 1986, 9:00 a.m.

Dr. David E. Cane                        Stereochemical Studies of  
Brown University                      Natural Products Biosynthesis  
Providence, Rhode Island

Dr. John C. Yeders                        Biosynthesis of Polyketides  
The University of Alberta            Using Stable Isotopes  
Edmonton, Alberta, Canada

In addition to the symposium, the scientific portion of the meeting will consist of contributed papers podium sessions on Monday, Tuesday, and Wednesday afternoons, and a poster session with wine and cheese on Tuesday evening. Over 100 papers have been received at this writing.

The local program committee has also planned several social functions which should be entertaining. The traditional reception-social mixer is scheduled for Sunday evening, as well as the traditional banquet Wednesday evening. The highlight of the banquet will be the presentation of the honorary memberships as well as the awards for the ASP Research Award Program. The committee has arranged for a "Botanical Buffet" to take place in the University Botanical Gardens on Tuesday evening.

Accommodations for this year's meeting may be secured in the Campus Inn Hotel (\$55.00 for single or \$65.00 for double), the Cambridge House (\$21.00 for double), or the West Quadrangle Dormitory (\$12.00 for double). The Cambridge House and the

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West Quadrangle Dormitory are on campus facilities, and the Campus Inn Hotel is located at 615 E. Huron, Ann Arbor, MI 48109. [Telephone (313) 769-2200]

The agenda for this year's meeting appears to be scientifically stimulating and entertaining. Hopefully we will see many of you there.

## CE TO BE PROVIDED AT THIS SUMMER'S MEETING

The University of Michigan College of Pharmacy has agreed to offer continuing education credit for participation in the Symposium Program and contributed paper sessions. A total of 15 hours of continuing education will be available. This program carries ACPE #180-029-86-05. The learning objectives for the symposium and for the paper sessions will be included in your registration package.

A "signature card" system will be utilized to certify participation. This system requires you to obtain a meeting staff person's signature on the special CE card immediately after exiting a session for which credit is available. After 3:00 p.m. on the last day of the meeting, you should turn your CE card in to the staff who will issue CE certificates based on the number of signed sessions. Certificates will be mailed directly to participants.

The University of Michigan College of Pharmacy is approved by the American Council on Pharmaceutical Education as a provider of continuing education.

## A MESSAGE (continued from page 1)

We as scientists should look always to the future of course, and our future will be intimately involved with the topics of the symposium, but in looking at our science it is sometimes worthwhile to examine whether we as a Society have kept pace with the art. A look at the symposia of 10-12 years ago will tell you that unquestionably we have. That's thrilling-because it implies that not only are we at the scientific cutting edge in our symposia, but that we each have the potential to become involved in this rapidly moving field.

But it is insufficient that we merely attend the symposia and absorb the material. Apply it in your research, begin to explore new avenues of inquiry, develop a new collaboration with a colleague in another discipline. In addition, take this newly acquired information back to your fellow faculty. Tell them what is new and exciting in pharmacognosy, and perhaps even more important tell your undergraduate or professional students what the "new" pharmacognosy is all about. It sure is getting exciting!

See you all in Ann Arbor!

Sincerely yours,  
Geoffrey A. Cordell, Ph.D.  
President

## SOCIETY BUSINESS

### RECIPIENTS IDENTIFIED FOR ASP RESEARCH AWARD PROGRAM

This is the second year of the ASP Research Awards Program, and again it appears to be successful, with the following awardees being identified.

1. ASP Travel Grants for Graduate Students: These awards are given to graduate students under the supervision of a Society Member to present a paper at the annual meeting. Each award is for \$250.00. This year's winners are:

Tannis M. Jurgens - University of Mississippi  
Robert van der Heijden - State University of Leiden  
Jocelyn W. Burke - Ohio State University  
Jian Sheng Zhang - University of Pittsburgh

2. ASP Small Research Grants: Members of the Society within the first five years of assuming their first professional position are eligible for a \$2500.00 grant to aid in their research. This year's winners are:

James Kellmerten, Department of Chemistry, Syracuse University, Syracuse, New York. Topic: Synthesis of Pancratistatin, A New Antitumor Alkaloid.

David E. Thurston, Division of Medicinal Chemistry, College of Pharmacy, University of Texas at Austin, Austin, Texas. Topic: Studies on Clazamycin, a Novel Pyrrolizidine Antitumor Agent: Preparation of Radiolabeled Clazamycin via Precursor Feeding.

3. ASP Undergraduate Research Awards: These awards are provided to undergraduate students interested in investigating a career in natural products research. The awards are to be used to accomplish a research project under the direction of a Society Member the summer previous to the last year of the student's academic program leading to the B.S. or Pharm. D. Degrees. This year's winners are:

Elizabeth S. Trytek, School of Pharmacy and Pharmacal Sciences, Purdue University, West Lafayette, Indiana. Advisor: Jerry L. McLaughlin, Topic: The Chemistry of Lady Bugs, *Hippodamia convergens*.

Robert A. Sinnott, Department of Botany and Microbiology, Arizona State University, Tempe, Arizona. Advisor: W. Dennis Clark. Topic: Lignin Precursors, Coniferyl Alcohol and Sinapyl Alcohol as Possible Carcinogen Blockers by Structural Analogy to BHA and BHT, known Carcinogen Blockers.

Congratulations to all award winners!

Watch future editions of the *Journal of Natural Products* and the *ASP Newsletter* for deadlines for the 1987 ASP Research Award Program.

## FUTURE MEETINGS

### 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

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## PHYTOCHEMICAL SOCIETY OF EUROPE FUTURE MEETINGS:

International Symposium on Grass Systematics and Evolution, July 27-31, 1986, Smithsonian Institution, Washington, D.C., U.S.A., For further information, contact: Louise Salmon, American Institute of Biological Sciences, Central Station, Washington, D.C. 20038 U.S.A.

## OTHER MEETINGS OF INTEREST:

ASIAN/PACIFIC FOLK HEALING AND OCCULT PRACTICES-XIII. Annual Symposium of the Southern California Neuropsychiatric Institute. The multidisciplinary meeting will be held at the fabled Mauna Kea Beach Hotel, Kamuela, (The Big Island) Hawaii - August 10-15, 1986. 25 hours CME (Category I) Please contact Stacey W. Grace, S.C.N.P.I., 6794 LaJolla Blvd., LaJolla, CA 92037 (619) 454-2102.

American Institute of Biological Sciences 37th Annual Meeting, August 10-14, 1986, University of Massachusetts, Amherst. For details contact: Meetings Department, AIBS, 730 11th Street, N.W., Washington, D.C. 20001 U.S.A. Telephone: (202) 628-1500.

Fifth Symposium on Medicinal Plants' Research and Jamu Expo 1986. Airlangga University, Surabaya, July 20-22, 1986. For details contact: Faculty of Pharmacy, Airlangga University, Jalan Airlangga 6, Surabaya 60286, Indonesia. Telephone: 43710 Telex 31138 UNAIR SB.

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

## BOOKS OF INTEREST

"The Alkaloids, Volumes 24-27," Arnold Brossi, Ed., Academic Press, Inc., New York, 1985-86.

"A Textbook of Natural Medicine," Joseph E. Pizzorno, N.D. and Michael T. Murray, N.D., JBC Publications, Seattle, WA, \$150.00 (Includes one year's updates.), 1986.

"Herbal Medicine: Kampo, Past and Present," T. Takemi, M. Hasegawa, A. Kumagai, and Y. Otsuka, Eds. Tsumura Juntendo, Inc. Chuo-ku, Tokyo, Japan, 148 pp, 1985.

"Plant Drug Analysis," H. Wagner, S. Bladt, E.M. Zgainski. Translated by A. Scott. Springer-Verlag, New York, Inc., New York, New York, 320 pp, \$58.00, 1984.

# SEE YOU IN ANN ARBOR!

## NEW MEMBERS

The ASP is pleased to welcome the following new members:

### New Full Members:

Luc Angenot University of Liege, Belgium	L.D. Kapoor Bridgewater, N.J.
John C. Coll James Cook University	Peter E. Laks Michigan Tech. University
Carl A. Elliger Albany, California	Robert T. LaLonde State University of New York
E.L. Ghisalberti Univ. of Western Australia	John E. Leet Arizona State University
Matthias O. Hamburger University of Illinois	Eric W. Romanowsky Lowell, Massachusetts
H.P. Husson Gif-Sur-Yvette, France	Donald W. Taylor Tampa, Florida
Timothy Johns University of California	A.C. Thompson U.S. Dept. of Agriculture
Ko Kaneko Kokkaido University	Frank VanMiddlesworth U.S. Dept. of Agriculture

### New Associate Members:

Ian J. Cubbins Sunderland, Great Britain	Mei-Chao Lin University of Pittsburgh
Paul A. Keifer Urbana, Illinois	Chayan Picheansoonthon Columbus, Ohio
Ik-Soo Lee University, Mississippi	Derek P.C. Wong Baltimore, Maryland

## 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 \$45.00 per year. If overseas airmail is desired, the dues are \$70.00

### Associate Membership

Associate membership is open to students of pharmacognosy and allied fields. These members are not accorded voting privileges, and dues are \$35.00 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  
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