



## THE AMERICAN SOCIETY OF PHARMACOGNOSY

### 50th Anniversary Meeting of the JSP Held in Kyoto



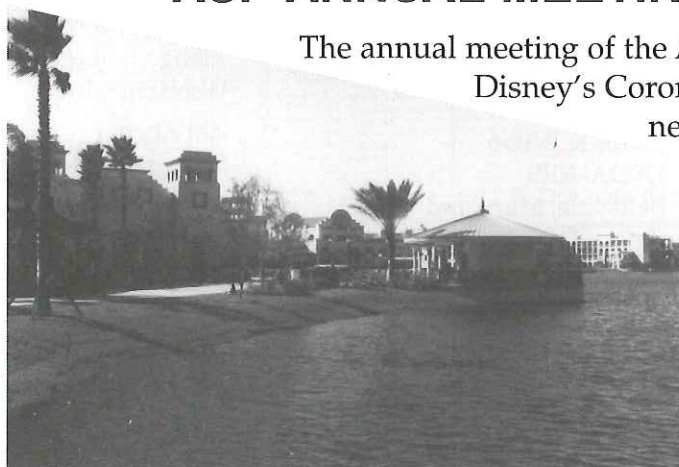
**Barrel opening ceremony.** Performing this rite are some of the senior members of the JSP (from left to right), Professors Tetsuro Fujita, Toshio Kawasaki, Shoji Shibata, Yohei Hashimoto, and Hiroyuki Ageta.

The period October 28-30, 1997, marked the 50th Anniversary Meeting of the Japanese Society of Pharmacognosy (JSP), held at the Kyoto City Industrial Exhibition Hall and the adjacent Kyoto Kaikan Hall. A major symposium was held under the auspices of the JSP, entitled "International Symposium on Natural Medicines". Altogether there were 291 papers (229 Japanese and 62 overseas from a total of 15 countries). The total attendance at the meeting was 788 (709 Japanese and 79 overseas registrants).

All oral scientific presentations were made in English. Five plenary lectures were presented by Professors Tetsuro Fujita (Setsunan University, Japan), Koji Nakanishi (Columbia University, New

Continued on Page 3

## COME TO CORONADO SPRINGS!! ASP ANNUAL MEETING JULY 19-24



Registration and Marina at Coronado Springs

The annual meeting of the ASP will be held July 19-24, at Disney's Coronado Springs Resort, a brand new (opened 8/97) convention-oriented hotel/resort on the property of Walt Disney World. The meeting will feature sixteen plenary lectures in four symposia, which will take place in two concurrent sessions, and four poster sessions. In

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## NEW MEMBERS

### ACTIVE MEMBERS

R. Steven Baker  
Lower Florida Keys Hosp.  
Karla Slowing Barillas  
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Ken Bartizal  
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Rahway, New Jersey  
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University of Mississippi  
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Anne D. Frame  
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Sioux City, Iowa  
Edward Genovese  
Plantation, Florida  
Andrea M. Hall  
Western Univ. of Health Sci.  
Pomona, California  
Deanna Hatch  
Nuskin International  
Provo, Utah  
F.R. Van Heerden  
Rand Afrikaans University  
Auckland Park, So. Africa  
Zhang Hong-Jie  
Kunming Inst. of Botany  
Yunnan, China  
Qi Jia  
Arvada, Colorado  
Gregory J. Kaczorowski  
Merck and Co.  
Rahway, New Jersey

Leslie Koch  
Merck and Co.  
Rahway, New Jersey  
Joann Krenisky  
Shaman Pharmaceuticals  
South San Francisco, CA  
John Krstenansky  
Enzymed, Inc.  
Iowa City, Iowa  
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University of Bradford  
West Yorkshire, U.K.  
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Rehnberg Center for Nutrition  
and Wellness  
Lakeview, California  
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Merck Research Labs  
Rahway, New Jersey  
Russell B. Lingham  
Merck Research Labs  
Rahway, New Jersey  
Kirk P. Manfredi  
Univ. of Northern Iowa  
Jose Hipolito Isaza Martinez  
Okayama University  
Okayama, Japan  
Tom C. Miller  
Alpha Chemical & Biomedical  
Labs.  
Petaluma, California  
Susan L. Mooberry  
Cancer Research Center of  
Hawaii  
Honolulu, Hawaii  
Toyoyuki Nishi  
The Nippon Shinyaku Inst. for  
Botanical Research  
Kyoto, Japan  
James K. Nitao  
USDA-ARS  
Beltsville, Maryland  
Olarongbe Olubajo  
Savannah, Georgia  
Guo-Wei Qin  
Shanghai Institute of Materia  
Medica, China  
Macherla, Venkata Rami Reddy  
San Diego, California

Dennis Schmatz  
Merck Research Labs  
Rahway, New Jersey  
William N. Setzer  
University of Alabama  
Ali Shafiee  
Merck Research Labs  
Rahway, New Jersey  
Lisa A. Shamon  
Geraldine Brush Cancer Res. Inst.  
San Francisco, California  
William J. Skinner  
Potomac, Maryland  
Byeng Wha Son  
Pukyong National Univ.  
Pusan, South Korea  
Randall Stephens  
Encino, California  
Yoshihisa Takaishi  
University of Tokushima  
Tokushima, Japan  
Wendi Wang  
Frontier Herbs  
Norway, Iowa  
P. De Witt  
Pharmaceutical Biology and  
Phytopharmacology  
Leuven, Belgium  
Chong-Ren Yang  
Kunming Institute of Botany  
Yunnan, China  
Carlos Leomar Zani  
Belo Horizonte, Brazil  
Ling-Hua Zhang  
Harbor Branch Oceanographic Inst.  
Fort Pierce, Florida  
Xiang-Qian (Peter) Zhang  
Woodbine, Iowa  
Zhi Zhen  
University of Illinois at Chicago

### ASSOCIATE MEMBERS

Paul Andrade  
Coral Springs, Florida  
John J. Arceo  
Rutgers University

**JAPAN**, continued from Page 1

York), Mei-Shu Lai (Department of Health, Taiwan), Xinsheng Yao (Shenyang University, People's Republic of China), and E. Leistner (University of Bonn, Germany). In addition, there were eleven section lectures (R. Mechoulam, Hebrew University, Israel; Raymond Ketchum, Washington State University; Takashi Hashimoto, Nara Institute of Science and Technology, Japan; Vincenzo De Luca, University of Montreal; A. Douglas Kinghorn, University of Illinois at Chicago; Masayuki Yoshikawa, Kyoto Pharmaceutical University, Japan; Michael Huffman, Primate Research Institute, Inuyama, Japan; Kiyoshi Tanaka, Kyoto University, Japan; Hiroshi Saitoh, University of Tokyo, Japan; Peter Waterman, University of Strathclyde, U.K.; and Yasushi Ohizumi, Tohoku University, Japan). Award lectures were presented by Hiroshi Morita (Tokyo University of Pharmacy & Life Science), Yoshio Hano (Toho University), Takashi Tanaka (Nagasaki University) and Hiroaki Kiyohara (Kitsato Institute). Posters were

arranged throughout the meeting in the major categories Pharmaceutical Botany, Pharmacognosy, Phytochemistry and Natural Products. A satellite symposium was held in Japanese, to which the public was invited, featuring three speakers on Kampo Medicine (namely, Y. Sashida, Y. Komatsu, and T. Ebihara). A particularly impressive aspect of the meeting was the publication of a Convention News sheet (again in English), which included highlights of the major talks and messages from Professors Hiroyuki Ageta, Tetsuro Fujita, and Gisho Honda, who served, respectively, as President, Chairman, and General Secretary of the Meeting Organizing Committee.

Apart from the outstanding scientific program, a major event in the meeting was the meeting banquet. The meeting banquet commenced with a barrel-opening ceremony. All attendees were then served saki in a ceremonial box, and those present were made to feel extremely welcome. This was truly a night to remember!

On the basis of the wealth of interesting information presented at this meeting, there is no doubt that natural products research is in a very healthy state in Japan. A proceedings volume from the meeting will be edited by Professors Yutaka Ebizuka and Norio Aimi and published by Elsevier Science (Amsterdam) in the Excerpta Medica International Congress Series (ICS).

**Kazuo Yamasaki, Hiroshima University**  
**A. Douglas Kinghorn, University of Illinois at Chicago**



**New Members Continued**

Leng-Chee Chang  
Univ. of Illinois at Chicago  
Susan Di Georgio  
Purdue University  
Alfredo Gomez-Beloz  
Inst. of Economic Botany  
Bronx, New York  
Bingnan Han  
California State Univ.  
Northridge, California  
D. Craig Hopp  
Purdue University  
Joan Nielsen  
Copenhagen, Denmark  
Mary C. Setzer  
Univ. of Alabama in Huntsville  
Feng Wan  
Clark University

## 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: David P. Carew, Ph.D., 8 West View Acres, Iowa City, Iowa 52240. Phone: (319) 354-3622

### Employment Service

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

Forms and further information may be obtained from:

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

## BOOKS OF INTEREST

### New Books

**Elsevier Science Inc.**  
660 White Plains Road  
Tarrytown, NY 10591-5153  
U.S.A.  
Tel: (914) 524-9200

*Alkaloids: Chemical and Biological Perspectives, Vol. 10.* Edited by S. William Pelletier, Institute for Natural Products and Department of Chemistry, The University of Georgia, Athens. Content: Alkaloids from Australian Flora; Pyridine and Piperidine Alkaloids: An Update; 3-Alkylpiperidine Alkaloids Isolated from Marine Sponges in the Order Haplosclerida;  $\beta$ -Carboline and Isoquinoline Alkaloids from Marine Organisms. 406 Pages. ISBN 0-08-042791-X, Hardbound £120.00 (U.S.\$190.00), Pergamon Press.

**The Haworth Press, Inc.**  
10 Alice Street  
Binghamton, NY 13904-1580  
Order: (800) 342-9678  
Fax: (607) 722-6362

*Plant Alkaloids A Guide to their Discovery and Distribution*, Robert F. Raffauf, FLS, FAAAS. The book gives an indication of the presence or absence of alkaloids in literally 19,000 species in 4,000 genera representing 300 plant families. A valuable resource to anyone interested in the development of pharmaceuticals, plant biochemistry, pest control, chemosystematics, and/or general biological diversity. July 1996. \$69.95 hard. Text price (5+ copies) \$39.95, ISBN: 1-56022-860-1 298 pp. with Index, LC# 96-5319

## BOOKS, CONTINUED

**International Business Communications, Inc.**

Biomedical Library Series  
225 Turnpike Road  
Southborough, MA 01772-1749  
Phone: (508) 481-6400  
Fax: (508) 481-7911

*Natural Products*, Nancy Mulford, Ed. Throughout the publication, the pros and cons of current and evolving approaches to natural product drug discovery and development are assessed, including techniques for modifying the typical synthetic chemical drug discovery process. Over 400 pages. Commercial \$895, Academic \$695

*Drugs of Natural Origin.: Economic and Policy Aspects of Discovery, Development, and Marketing.* Anthony Artuso, Ph.D. This book gives you a detailed model of the value of wild biological resources for pharmaceutical research and development. October 1997. \$39.95 hard, ISBN: 0-7890-0123-3. \$24.95 soft, ISBN: 0-7890-0414-3. 201 pp. with Index, LC# 97-19503

*The Botanical Safety Handbook: A Definitive New Book on the Use and Labeling of Herbal Products.* American Herbal Products Association (AHPA). Over 700 herb classifications are provided to guide consumers, retailers, manufacturers and regulatory agencies in the safe use of herbal products. \$39.95 (+ \$3.50 shipping/handling) for information phone or fax: (408) 460-2535.

*A Dictionary of Natural Products: Terms in the Field of Pharmacognosy Relating to Natural Medicine and Pharmaceutical Materials and the Plants, Animals, and Minerals from Which They Are Derived.* George MacDonald Hocking, Ph.D. Contains over 18,000 entries primarily devoted to an arrangement and explanation

of terms relating to natural, non-artificial crude drugs from the vegetable, animal, and mineral kingdoms. \$139.50 hard (+ \$6.00 shipping/handling) ISBN: 0-937548-31-6. Approx. 1086 pp. Phone: (609) 654-6500 x144, fax: (609) 654-4309.

*Natural Products Drug Discovery II: New Technologies to Increase Efficiency and Speed.* Leading scientists from the companies that are driving this field of research discuss novel methods for screening natural and combinatorial pathway expression libraries to access natural products and new drugs. July 1997. Over 200 pages. Commercial \$795, Academic \$495 (+6.50 shipping/handling). phone: (508) 481-6400, fax: (508) 481-7911.

*Phytoceuticals: Examining the Health Benefits and Pharmaceutical Properties of Natural Antioxidants and Phytochemicals.* Topics included: prevention and control of health conditions, antioxidants and phytochemicals in food and botanicals, and targeted phytoceuticals. December 1997. Over 200 pages. Commercial \$795, Academic \$495 (+ \$6.50 shipping/handling). phone: (508) 481-6400, fax: (508) 481-7911.

**Journals**

*Aromatherapy Records.* Editions JAKIN (26800 Etoile-sur-Rhône); ISBN: 2-940115-06-0—ISSN: 1024-1930. Price for one issue: 145 FRF, \$28.00 U.S. Aromatherapy International, 300 N. 5th Avenue, Suite 210, Ann Arbor, Michigan 40104, Tel: (313) 741-1617, Fax: (313) 741-7109

*Atoms Journal.* Quarterly publication of the Australian Traditional-Medicine Society Ltd. ISSN: 1324-647x. Membership Information: Marie Fawcett, Unit 12, 27 Bank Street (P.O. Box 1027) Meadowbank, NSW 2114, Tel: (02) 809 6800, Fax: (02) 809 7570. Accredited membership \$130 Aus., Registered membership \$60 Aus., Student membership \$30 Aus. plus a once only joining fee of \$40 Aus.

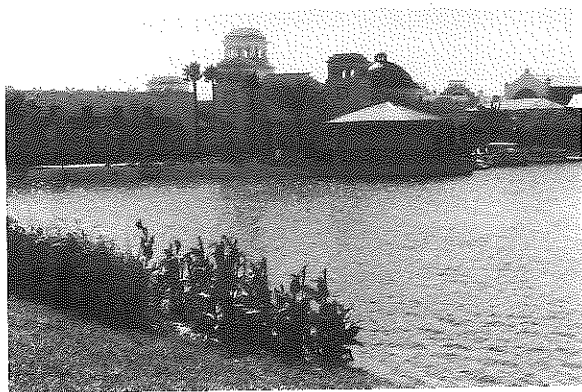
## Additional Information for the 39th Annual Meeting to be held in Orlando, Florida, in July 1998.

### ASP ANNUAL MEETING, Continued from Page 1

In addition to the traditional Thursday evening Banquet, the meeting will feature an as yet unannounced themed event. Because of the breadth of tourist activities available in Orlando, no formal spouses program will be offered; instead, an events coordinator will be available throughout the meeting to advise families and spouses of sightseeing options.

#### Symposia:

1. Biodiversity and Chemical Ecology
2. Innovative Strategies in Drug Discovery
3. Biosynthesis and Bioengineering
4. International Cooperative Biodiversity Group (ICBG) Update



Registration, Marina and Market



Cabanas at Coronado Springs

#### Organization:

**Local committee:** Bill Baker (Florida Tech), Jill Baker, Howard Miles (University of Central Florida), Susan Sennett (Harbor Branch).

**Scientific committee:** Nanda Gulavita (Harbor Branch), Sarath Gunasekera (Harbor Branch), Russ Kerr (Florida Atlantic University), Amy Wright (Harbor Branch).

#### Journals continued from page 5

*Review of Aromatic and Medicinal Plants* An abstract journal which covers the literature on cultivated and wild species of culinary herbs and spices and essential oils, medicinal and pesticidal plants. ISSN:1356-1421; 1997, Vol. 3; \$235.00 Available in hard copy or on floppy disk. Bimonthly publication. CAB International, 198 Madison Avenue, New York, NY 10016-4314, U.S.A., Tel: (212) 726-6490, Fax: (212) 686-7993.



**Future ASP Meetings**

- 1998 - July 19-24 - Orlando, Florida  
 1999 - July 26-31 - Amsterdam, The Netherlands. International meeting with the Phytochemical Society of Europe, the Gesellschaft für Arzneipflanzenforschung, and the Association Française pour l'Enseignement et la Recherche en Pharmacognosie.  
 2000 - Seattle, Washington

**Future AAPS Meetings - 1998**

- Contact Amy Miller, (703) 518-8417 - email miller@aaps.org  
 April 30-May 1 - Western Regional Meeting, South San Francisco Conference Center, CA  
 May 18 - Midwest Regional Meeting, Rosemont Conference Center, Chicago, IL  
 June 1-2 - Eastern Regional Meeting, Parsippany Hilton, Parsippany, NJ  
 June 22 - Southeast Regional Meeting, Omni Chapel Hill Hotel, Chapel Hill, NC  
 November 15-19 - Annual Meeting, Moscone Convention Center, San Francisco, CA

**Other Meetings of Interest—1998**

- May 10-13, Future Trends in Phytochemistry—a Young Scientists Symposium**, Rolduc, Kerkrade, The Netherlands. For information contact: Prof. Dr. A.W. Alfermann, Institut für Entwicklungs- und Molekularbiologie der Pflanzen, Heinrich Heine Universität, Düsseldorf, Universitätsstrasse 1, Geb.26.13, D-40225, Düsseldorf, Germany. Phone: + 49 211 8114603 FAX: + 49 211 8113085 email: Alferman@rz.uni-duesseldorf.de  
**May 20-22, XIIth International Symposium on Plant Originated Crude Drugs, Ankara, Turkey**, For information contact: Assoc. Prof. Dr. Tayfun Erzöz, Hacettepe University, Department of Pharmacognosy, TR-06100 Ankara, Turkey. Phone +90 312 3103545, Fax: +90 312 311 4777.  
**May 26-29, VIIIth International Symposium on Luminescence Spectrometry in Biomedical and Environmental Analysis-Detection Techniques and Applications in Chromatography and Capillary Electrophoresis**, Canary Islands, Spain. For information contact: Dr. José Juan Santana Rodríguez, Symposium Chairman, University of Las Palmas de Gran Canaria, Department of Chemistry - Faculty of Marine Sciences, 35017 Las Palmas de Gran Canaria, Spain. Phone: + 34(9)28 45.29.15 / 45.29.00 FAX: + 34(9) 28 45.29.22

email: josejuan.santana@quimica.ulpgc.es

**May 30 - June 1, Medicines from the Earth, 1998**, Black Mountain, North Carolina., For details: Medicines from the Earth, P.O. Box 3427, Ashland, OR 97520. Phone: (800) 252-0688 or (541) 482-8294.

**June 18-20, ACE '98, Advances in Chromatography and Electrophoresis, Szeged, Hungary**. Contact: Dr. Huba Kalász, Chairman of the Symposium: Department of Pharmacology, Semmelweis University of Medicine, H-1445 Budapest, Nagyvárad tér 4, P.O. Box 370, Hungary, Phone: 36-1-210-2930/6258, Fax: 36-1-210-4412, email: Bpchr97@net.sote.hu

**June 25-27, Lublin, Poland, 7th Conference on the Application of Chromatographic Methods in Phytochemical & Biomedical Analysis**. Contact: Prof. Dr. Kazimierz Glowinski, Department of Pharmacognosy, University Medical Academy, 12 Peowiaków St. P-20-007 Lublin, Poland. Phone: +48 81 5323314, Fax: +48 81 5328903.

**September 6-9, Frankfurt am Main, Germany, 29th International Symposium on Essential Oils (29th ISEO)**, For further information contact Prof. Dr. Armin Mosandl, Institut für Lebensmittelchemie, Marie-Curie-Str. 9, D-60439 Frankfurt am Main. Phone: +49 69 798 29202 or 29203, Fax: +49 69 798 29207, E-mail: Mosandl@em.uni-frankfurt.de

**September 13-16, Oslo, Norway, Phytochemical Society of Europe Meeting on Biologically Active Polysaccharides**. For details contact: Prof. B.S. Paulsen, Farmasoytisk, avd c, Postboks 1068 - Blindern, 0316 Oslo, Norway. Phone: +4722856572, Fax: +4722854402, E-mail: b.s.paulsen@farasi.uio.no

**October 11-16, 21st IUPAC International Symposium on the Chemistry of Natural Products (ISCNP-21), Beijing, China**. Contact: Prof. Xibai QIU, Secretariat of ISCNP-21, c/o Chinese Chemical Society, P.O. Box 2709, Beijing 100080, China. Tel.: 86-10-6256815, 62564020, Fax: 86-10-62568157, E-mail: qiuxb@infoc3.icas.ac.cn

**October 18-21, Honolulu, Hawaii, International Spice Symposium**. For further information contact Allured Publishing, 362 South Schmale Rd., Carol Stream, IL 60188-2787 USA. Fax: 630-653-2192, E-mail: CustomeService@allured.com

**December 6-11, First European Ginseng Congress, Marburg, Germany**. Contact: Prof. Dr. Hans Christian Weber, Morphologie und Systematik der Pflanzen, Fachbereich Biologie, Philipps-Universität Marburg, 35032 Marburg, Germany. Tel.: ++49- (0) 6421 282091, Fax: ++49 - (0)6421 282057, E-mail: weberh@mail.uni-marburg.de, URL: <http://www.uni-marburg.de/stadt/>

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 (print version) are as follows: United States: \$55.00; Canada and Mexico: \$65.00; Europe: \$76.00; All other countries: \$80.00. Internet version \$63.00.

### 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 (print version) are as follows: United States: \$38.00; Canada and Mexico: \$48.00; Europe: \$59.00; All other countries: \$63.00. Internet version \$44.00.

### 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. 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. 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  
 Midwestern University  
 College of Pharmacy  
 19555 N. 59th Avenue  
 Glendale, AZ 85308

### 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

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