



THE AMERICAN SOCIETY OF PHARMACOGNOSY

1997 ASP AWARD WINNERS

The following awards and grants have been made by the Society in 1997. Congratulations to all recipients.

For Students:

To stimulate interest in all phases of natural products research, the American Society of Pharmacognosy has chosen the following individuals to receive awards and grants.

1. ASP Student Research Award.

The 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 under the direction of a member of the ASP. The award consists of a \$500 cash gift and all expenses paid to present the paper at the annual meeting.

This year's winner is:

Choo Yaw Ang, Northeastern

Louisiana University,
"Antineoplastic Potential of L-
Canavanine in the Human
Pancreatic Cancer Cell Line MIA
PaCa-2" (Diane S. Swaffar,
Advisor)

2. Undergraduate Research Awards.

The ASP Undergraduate Research Awards consist of a stipend of \$2000 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.

This year's winners are:

Annie Burke, University of
Mississippi, "Isolation and

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Julia Frances McHugh Morton (1912-1996) was killed in an automobile accident last September. Julia and her late husband (Kendal), who died in 1964, collaborated on the formation of the Morton Collectanea, which she directed, and which is housed at the University of Miami. Julia was well known to all pharmacognosists and will always be remembered for her staccato presentations of slides in her scientific presentations at our annual meetings. She authored 10 books, many of which, e.g., *Fruits of Warm Climates*, are indispensable as referenced sources of chemical and pharmacologic information. As a locally, nationally, and internationally recognized authority she cheerfully shared with

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**38th Meeting of the American Society of Pharmacognosy
University of Iowa, Iowa City, Iowa
Invited Speakers**

**Diversity in Natural Products Chemistry
Sources and Applications**

Chris Ireland (Utah)

What do Cone Snails and Didemnid Ascidians have in Common? Structural Studies of Marine Peptides

Lourival Possani (UNAM - Cuernavaca)

Scorpion Toxins: Natural Tools for the Study of Ion Channels: Biochemistry, Molecular Biology and Medical Applications

Cliff Gerwick (DowElanco)

Agrichemicals from Natural Products: Strategy and New Lead Chemistries

Gerald Bills (Merck)

Playing the Natural Products Lottery: The Fungal Ticket

Hans Reichenbach (GBF, Braunschweig)

New Compounds with Unusual Mechanisms of Action from Myxobacteria

Chris Pazoles (Phytera)

Plant Cell Culture as a Source of Chemical Diversity and Novelty for Drug Discovery.

John Cardellina, II (NCI/LDDR)

Reflections on LDDR Investigations of Antitumor and Anti-HIV Natural Products

ASP Research Achievement Award Address

John W. Daly (NIH)

Thirty Years of Searching for Bioactive Arthropod Alkaloids in Amphibian Skin

Biocatalysis and Biosynthesis of Natural Products

Neil Bruce (Cambridge)

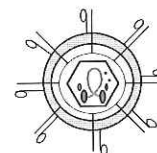
Microbial Transformations of Morphine Alkaloids

Tomas Hudlicky (Florida)

Biocatalytic Approaches to Amaryllidaceae and Morphine Alkaloids: The Next Generation

Craig Townsend (Johns Hopkins)

The Chemistry and Enzymology of Aflatoxin Biosynthesis



ASP AWARDS AND GRANTS

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Characterization of Antifungal Components of Bacteria Isolated from Skin of *Plethodon dorsalis* " (John S. Williamson, Advisor)

John Michael Martin, Purdue University, "Ecological Defense Mechanisms of the Zebra Swallowtail Butterfly Involving Annonaceous Acetogenins" (Jerry L. McLaughlin, Advisor)

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, a \$500 travel award 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.

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.

This year's winner of both a \$500 Student Travel Grant and the Lloyd Library and Museum Travel Grant is:

M. Marcela Gamboa-Angulo, Centro de Investigacion Cientifica de Yucatan

5. Kilmer Prize

This Prize consists of a gold key, suitably inscribed. 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 Society also provides an honorarium of \$300 for the named recipient.

This year's winner is:

Nicholas Oberlies, Purdue University, "Structure-Activity Relationships of Diverse Annonaceous Acetogenins against Multidrug Resistant Human Mammary Adenocarcinoma (MCF-7/Adr) Cells" (Jerry L. McLaughlin, Advisor)

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.

Research Starter Grants have been awarded to the following people:

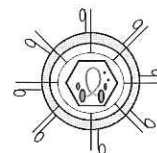
Ben Shen, University of California at Davis, "Polyketide Biosynthesis in Thermophilic Microorganisms."

Michael Calter, Virginia State University and Polytechnical Institute, "Total Synthesis of Pamamycin-607."

Kate Graham, College of St. Benedict/St. John's University, "Isolation and Characterization of Potential Antifungal Agents from Fungal Sources."

Michael Jaspars, University of Aberdeen, "Novel Pharmacophores from Kenyan Marine Invertebrates."

Helen Oketch, National Museum of Kenya, "Biodiversity Prospecting and Conservation of Medicinal Plant Resources in Kenya-the Case of Nyanza Provence."



Future ASP Meetings

- 1997 - July 26-30 - University of Iowa
 1998 - July 19-23 - Orlando, Florida
 1999 - July 26-31 - International meeting with the Phytochemical Society of Europe, the Gesellschaft für Arzneipflanzenforschung, and the Association Française pour l'Enseignement et la Recherche en Pharmacognosie - Amsterdam, The Netherlands
 2000 - Seattle, Washington

Future AACP Meetings

- 1997 - November 2-6 - Boston, MA.

Other Meetings of Interest—1997**Aug. 3-7, International Mint Symposium, and Mint Tour, Seattle, Washington USA.** Covering

all scientific and commercial aspects of peppermint, Scotch and Native spearmint, Cornmint and other Mentha species, including oil and menthol, production, processing, analytical studies and application. Contact: Dr. Brian M. Lawrence, 1110 Staffordshire Court, Winston Salem NC 27104-2736 USA. Tel.: 910-741-2031 ; Fax: 910-741-6343.

August 10-15, 44th Jornada Farmacêutica da Unesp e i simpósio Brasileiro de Farmacognosia, São Paulo, Brasil. Contact: Faculdade de Ciências Farmacêuticas - Unesp Rodovia Araraquara-Jaú KM 01, Fone: (016) 232-0200 RAMAL: 280, Cep. 140801-902 - Araraquara, São Paulo, Brasil. email: carvalho@boldo.fefar.unesp.br

Aug. 24-27, International Symposium on Bioassay Methods in Natural Product Research and Drug

Discovery, Uppsala, Sweden. For information: Anders Cronlund, Ph.D., Secretary General of the Organising Committee, Head Educational Department, Swedish Pharmaceutical Society, Box 1136 111 81, Stockholm, SWEDEN Tel: +46 87235052 Fax: +46 8205511 email: academy@swepharm.se Website: <http://www.swepharm.se/English/bioassay.methods.html>

Sept. 1-3, 28th International Symposium on Essential Oils (ISEO) Eskisehir, Turkey. Takes place at the campus of the Anadolu University Medicinal and Aromatic Plant and Drug Research Centre (TBAM). Contact: Prof. Dr. K. Hüsnü Can Baser, Anadolu University, TBAM, 26470 Eskisehir, Turkey. Fax: 90-222 33501 27; E-mail: tbam@vm.baum.anadolu.edu.tr Homepage: <http://www-anadolu-edu-tr/anadolu/tbam/index.html>

September 7-12, 45th Annual GA-Congress in Regensburg, "Natural Compounds as-Antivirals-

Immunomodulators-Anticoagulants." Contact: Prof. Dr. G. Franz, Institute of Pharmacy, University of Regensburg, Universitätsstraße 31, D-93040 Regensburg, Germany. Tel: #49/ (0)941-943-4760, Fax: #49/ (0)941-943-4762 E-mail: Gerhard.Franz@chemie.-uni-regensburg.de

Sept. 24-27, "Bioassay and Screening Methods in Phytochemistry", Uppsala, Sweden. Contact Prof. L. Bohlin, Div. of Pharmacognosy, Biomedical Centre, Uppsala University, P.O. Box 579, S-75123 Uppsala, Sweden. Tel.: ++46 18 174492; Fax ++46 18 509101; E-mail: Lars.Bohlin@bmc.uu.se

Sept. 29 to Oct. 1, "Natural Products Analysis - Chromatography, Spectroscopy, Biological Testing", Würzburg, Germany. The Symposium focuses on isolation techniques, structure elucidation and biological evaluation of natural products. Contact: Prof. Dr. P. Schreier, University of Würzburg, Food Chemistry, Am Hubland, D-97074 Würzburg, Germany. Tel.: ++ 49 931 8885481; Fax: ++49 931 8885484; E-mail: schreier@pzc.uni-wuerzburg.de

October 6-9, Solvent Selection for Pesticide Residue Analysis, Angers, France. Contact: Congrès Scientifiques Services, Solvent Selection for Pesticide, Att. Chantal Iannarelli, 2, rue des Villarmains - BP 124, F- 92210 SAINT CLOUD, France. Tel (33) 01 47 71 90 04 Fax: (33) 01 47 71 90 05 email: c2s@club-internet.fr

October 28-30, International Symposium on Natural Medicines, Kyoto, Japan. Organized by the Japanese Society of Pharmacognosy. Contact: Prof. Gisho Honda, General Secretary, International symposium on Natural Medicines, Faculty of Pharmaceutical Sciences, Kyoto University, 46-29, Yoshida-Shimoadachi, Sakyo, Koyto, 606-01 Japan. Fax: 81-75-753-4591

November 10-15, II World Congress on Medicinal and Aromatic Plants for Humal Welfare Wocmap II, Mendoza, Republica Argentina. Contact: Dr. Arnaldod Bandoni, SAIPA, Av. de Mayo 1324 - 1° piso, oficina 36 (1085) Buenos Aires, Argentina Te/Fax (54-1) 383-2360 (54-1) 961-7637 E-mail: postmaster@saipa.org.ar

December 28-January 1, 1998, 7th International Symposium on Natural Product Chemistry, Karachi, Pakistan. Contact: Prof. Atta-ur-Rahman S.I., T.I. (Chairman) or Dr. M. Iqbal Choudhary (Secretary), H.E.J. Research Institute of Chemistry, University of Karachi, Karachi -75270. Tel: 092-21-496-8497, Fax: 092-21-496-3373, E-mail: hej@biruni.erum.com.pk

1997-98 Programme of meetings of The Phytochemical Society of Europe. Contact: Dr. R. H. Robins, Honorary Meetings Secretary, Laboratoire de RMN-RC, Faculté des

Meetings continued on page 6

NEW MEMBERS

New Active Members:

Jana Brown
DowElanco
Indianapolis, IN

Andy Carr
Discovery Research
Indianapolis, IN

Chia Wen Chen
Estee Lauder Companies
Melville, NY

John Eley
Samford University
Birmingham, AL

Paul R. Graupner
DowElanco
Indianapolis, IN

Terrence P. Green
Loraine County Community College
Elyria, OH

Rick S. Hock
Philadelphia College of Pharmacy and Science

HyeH-Jean Jeong
University of Illinois at Chicago

Michael J. Kelleher
San Francisco, CA

Antonio Manunta
Università degli Studi di Urbino
Urbino (PS) Italia

Bohos Mesrob
Xechem, Inc.
New Brunswick, NJ

Hasse Rasmussen
Royal Danish School of Pharmacy
Copenhagen, Denmark

Jacqueline Ropivia
University of Illinois at Chicago

Linda S. Schwab
Wells College
Aurora, NY

Vibha Singh
Xechem (India) Pvt. Ltd.
New Delhi, India

Mamta K. Tripathi
Xechem, Inc.
New Brunswick, NJ

Shang-Kwei Wang
Kaohsiung Medical College
Kaohsiung, Taiwan

Luben Yankov
Xechem, Inc.
New Brunswick, NJ

Chun-Min Zeng
University of Rhode Island

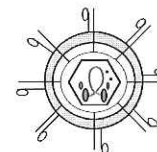
New Associate Members:

Robert H. Cichewicz II
Pierson, MI

Maria Marcela Gamboa-Angulo
Centro de Investigación Científica de Yucatán A.C.
Yucatan, Mexico

Michael Tims
University of Maryland

Naiyu Zheng
University of Rhode Island



More Meetings

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Sciences, 2 rue de la Houssinière, F-44072 Nantes Cedex 03, France. Fax: +44-116-257-7287

September, 1997--Bioassay and Screening Methods in Phytochemistry, Uppsala, Sweden (Prof. L. Bohlin)

April 1998--Isoquinoline and Indole Alkaloids, Istanbul, Turkey (Prof. G. Sariyar)

September, 1998--Biologically Active Peptides, Oslo, Norway (Prof B. S. Paulsen)

Other Meetings of Interest—1998

January 8-10, International Symposium Antitumour Products from Higher Plants, Paris, France. For details: Congès Scientifiques Services (C2S), Chantal IANNARELLI, 2, rue des Villarmains, 92210 SAINT CLOUD - France. Tel: 33 (0)1 47 71 90 04 - Fax: 33 (0)1 47 71 90 05.

February 16-20, Medicinal Plants for Survival: International Conference on Medicinal Plants Conservation, Utilisation, Trade and Cultural Traditions, Bangalore, India. Contact: Foundation for Revitaliation of Local Health Traditions (FRLHT), No. 50, 2nd State, MSH Layout, Anandanagar, Bangalore -560024, India. Phone: +91-80-3336909/0348, Fax: +91-80-3334167, E-mail: root@frlht.ernet.in

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

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

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 two letters of recommendation and supporting biographical data to: Arnold Brossi, Ph.D., 5713 Wilson Lane, Bethesda, MD 20817. Phone: (301) 320-3072.

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 resumé 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

MEMBERSHIP NEWS

Dr. G. Warren Smith, previously from Natalbany, Louisiana, has been named President of Slippery Rock University in Pennsylvania.

Dr. Suleiman Al-Khalil is interested in opening a discussion about Research in the Third World (RTW). The scope of the discussion is to see the problems and to promote research in the third world. All are welcome. If interested, he can be contacted at: Telefax: 00962-6-834 278 or email: khalil@go.com.jo

REPORT OF THE TELLER'S COMMITTEE

The Teller's Committee wishes to report the following results of the 1996 election:

Vice President (1997-98): Gordon Cragg

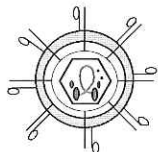
Executive Committee Member (1997-2000): Roy Okuda

Constitution and By-Laws Amendment Proposal: Passed

A total of 1104 ballots (636 USA and 468 non-USA) were mailed in late January, 1997. Of this total, 425 ballots (316 USA and 109 non-USA) were returned and counted. Therefore, 39% of the qualified voting members of the ASP participated in this election.

Respectfully submitted:

Robert M. Riggs
T. Sam Roe
William J. Keller,



Julia Morton from page 1

all her broad knowledge of medicinal and folkloric plants, poisonous species, wild edible plants, tropical fruits, agricultural plants, undesirable weeds, horticultural and landscape plants in these books and in over 100 popular and scientific publications

Julia wrote on a variety of topics such as esophageal cancer from ingestion of herb teas in Curacao, Venezuela, China, and South Carolina; plants for survival in the jungles of Thailand and Vietnam and poisonous species in south Florida. It didn't matter what the topic was—whether plants were useful, edible, pleasurable, curative or harmful—her writings set the standard. She was a founding member of the Society of Economic Botany (SEB), a trustee of the Fairchild Tropical Garden, and a board member of several other councils and associations. Among her many honors was a D. Sc. Degree and the first "Distinguished Economic Botanist" Award from the SEB.

I last saw Julia in the fall of 1995 in Indianapolis where she was an invited speaker at the New Crops Symposium. She was as sharp as ever and, following the meeting, promptly remembered her promise to send me an autographed copy of one of her books. Her generosity and willingness to share her expertise will be missed by us all.

Jerry L. McLaughlin, Ph.D.,
Professor of Pharmacognosy
Purdue University

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: \$60.00; Europe: \$70.00; All other countries: \$74.00.

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: \$45.00; Europe: \$55.00; All other countries: \$59.00.

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. 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
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

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