



NEWSLETTER

Volume 36
Number 1

Spring, 2000

THE AMERICAN SOCIETY OF PHARMACOGNOSY

COME TO SEATTLE in July!



Seattle's downtown waterfront offers a colorful, eclectic array of marine activity, shops, restaurants and recreational opportunities. Photo credit: Seattle-King County Convention & Visitors Bureau.

All lectures and poster sessions will be in the meeting rooms at Cavanaugh's. Tuesday afternoon is free, however there are organized activities for anyone interested. They are listed on the website. On Monday evening, we have scheduled an outing to Tillicum Village, which is located on a small island in Puget Sound. A traditional salmon dinner will be served. The meeting will close with the traditional banquet on Wednesday evening.

NEW MEMBERS

The Association welcomes the following new Active and Associate members.

Active Members

Ehab A. Abourashed
University of Mississippi

Otunola Adedayo
University of Waterloo
Ontario, Canada

Toshihiro Akihisa
Nihon University
Tokyo, Japan

William S. Aronstein
Proctor and Gamble Pharmaceuticals
Mason, Ohio

Lincoln Berrio
Enrich International
Orem, Utah

Paul David Bremner
King's College, London

Jacintha S. Cauffield
Gem Integrative
Pharmacotherapy, Inc.
Jupiter, Florida

Ying Chen
Ft. Pierce, Florida

Michael David Colvard
University of Illinois at Chicago

Jerry Cott
NIH
College Park, Maryland

Emidio Vasconcelos Leitao da Cunha
UFPB
Joao Pessoa, PB, Brazil

Betül Demirci
Anadolu University
Eskisehir, Turkey

James Patrick Dheyongera
University of the North
Sovenga, South Africa

Roberto Ricardo Gil
Univ. Nacional de Cordoba
Cordoba, Argentina

Elsa Teixeira Gomes
University of Lisbon
Lisbon, Portugal

Richard D. Hamill
BioInnovation, Inc.
Mission Viejo, California

Tom G. Holt
Merck and Co., Inc.
Rahway, New Jersey

M. Nurul Islam
Aomori Green Biocenter
Aomori, Japan

Charles Andy Isely
Center Ridge, Arizona

Vernon L. M. Jani
University of the North
Sovenga, South Africa

Joseph L. Kgokong
University of the North
Sovenga, South Africa

Ikhlas Khan
University of Mississippi

Byong-Kak Kim
Seoul National University

Jung-Sik Kim
National Cancer Institute, NIH
Bethesda, Maryland

Paul Klueh
Washington University
St. Louis, Missouri

Seizo Kondo
Kotaro Pharmaceutical Co., Ltd.
Osaka, Japan

Thomas A. Kursar
University of Utah

Heum-Sook Lee
Seoul National University of
Technology

Ross E. Longley
Harbor Branch Oceanographic
Institute
Fort Pierce, Florida

Antonio Manunta
Università degli Studi di Urbino
Urbino, Italy

Bradley S. Moore
University of Washington

Yousry M. Naguib
Phytochem Technologies
Burlington, MA

Sidney Nelson
University of Washington

Peter Noonan
Tree Mendons Seattle
Ravensdale, Washington

Ayumi Ohsaki
Tokyo Medical and Dental
University

Simon Ovenden
Centre for Natural Products
Research
Singapore

Mahesh Patel
Schering Plough Research Inst.
Kenilworth, New Jersey

Elisabeth Pilarinou
Walker Cancer Research Institute
Tallahassee, Florida

Maria Lúcia Belém-Pinheiro
Universidade do Amazonas
Manaus, AM, Brazil

Luisa Pistelli
Dipartimento di Chimica
Bioorganica e Biofarmacia
Pisa, Italy

Silvia Portolan
Pharmacia & Upjohn

Nigel D. Priestley
University of Montana

In Kyung Rhee
Seoul National University

Abdolhossein Rustaiyan
University of Medical Sciences
Tehran, Iran

Gloria Luisa Silva
Universidad Nacional de Córdoba
Córdoba, Argentina

Larry Steele
ADP, Inc
Agua Dulce, California

Christine A. Swanson
Office of Dietary Supplements,
NIH
Bethesda, Maryland

Naoko Tatsuno
Sunny Health Co., Ltd.
Tokyo, Japan

José R. Tormo
Universitat de València
València, Spain

Murku J.R.V. Venugopal
Alexander Von Humboldt
Foundation
Göttingen, Germany

Girma Moges Woldemichael
Universität Heidelberg

Varima Wongpanich
Khon Kaen University
Khon Kaen, Thailand

Xiaoyun Wu
Columbia University

Yang-Chang Wu
Kaohsiung Medical University
Kaohsiung, Taiwan

Ke Ying
Shanghai Siniwest Pharmaceutical
and Chemical Technology Co.

Chun-Min Zeng
Washington University



Associate Members

Michael Banffy
San José State University
Santa Cruz, California

Colby Caldwell
University of Arizona

Fatih Demirci
Anadolu University
Eskisehir, Turkey

Ilkay Erdogan
Gazi University
Ankara, Turkey

Michael S. Ford
University of Rhode Island

Michael T. Holland
University of Alabama in
Huntsville

Crystal Nesbitt
Rutgers University

Saida Safiyeva
University of Massachusetts

Olga Maria Duarte Siwa
University of Lisbon

Dan Sørensen
University of Copenhagen

Ping-Jyun Sung
National Sun Yat-Sen University
Taiwan

Condolences to
S. William Pelletier,
whose wife, Leona passed
away on April 17.

SEATTLE 2000--SPEAKERS/PROGRAM

Confirmed Speakers

Research Achievement Award Address

Richard Hutchinson (U. Wisconsin, USA)
"Complexities and Curiosities of Microbial Polyketide Synthases"

Matt Suffness Symposium

To be announced

Lynn Brady Memorial Symposium

Varro Tyler (Purdue U., USA) "Lynn Brady - An Appreciation"

Isao Fujii (U. Tokyo, Japan) "Polyketide Biosynthesis in Filamentous Fungi"

Detlef Gröger (U. Halle, Germany) "Happy Memories of the Drug Plant Lab. - Research on Ergot and other Fungi (in the early 1960s)"

Wolfgang Steglich (U. Munich, Germany) "The Colorful Chemistry of Mushrooms and Toadstools"

John Vederas (U. Alberta, Canada) "Biosynthesis of Lovastatin, a Cholesterol Lowering Agent, by a Polyketide Synthase/Diels Alderase"

Engineering Molecular Diversity for Drug Discovery

Robert Goodman (U. Wisconsin, USA) "New Metabolites for Drug Discovery from the Soil Metagenome: Strategies, Progress, and Prospects"

Robert McDaniel (Kosan Biosciences, Inc., USA) "Rational and Combinatorial Approaches to Polyketide Engineering"

Ben Shen (U. California, Davis, USA) "Lessons from Natural Products Biosynthesis: Drug Discovery and Development by Metabolic Pathway Engineering"

A classic view of the Seattle skyline from Queen Anne, with the Space Needle in the foreground and Mt. Rainier in the distance. Photo credit: Seattle-King County Convention and Visitor's Bureau.

Marine Microbials

Thomas Boerner (Humbolt U., Germany)
"Microcystin Biosynthesis: Genes, Enzymes, Regulation, and Function"

Phil Crews (U. California, Santa Cruz, USA)
"Sponge-derived Microorganisms: A Venue for New Chemistry and New Debates"

John Faulkner (Scripps Institute of Oceanography, USA) "Studies of some Bacterial Symbionts of Marine Invertebrates"

Brad Moore (U. Arizona, USA) "Accessing Microbial Diversity from Marine Invertebrates: Prospects for Drug Discovery"

Michio Murata (Osaka U., Japan) "A New Strategy for Structure Elucidation of Natural Products -NMR-based Analysis of Acyclic Stereogenic Centers based on C-H Coupling Constants-Application to Marine Toxins"

Harnessing the Diversity of Botanicals

Steve Orndorff (Univera Pharmaceuticals, Inc.)
"Pharmacological Profiling of Botanical Compounds by Gene Expression."



NEW BOOKS

The Haworth Herbal Press
 10 Alice Street
 Binghamton, NY 13904-1580
 Tel. (U.S.): 1-800-HAWORTH
 (Foreign) 1-607-722-5857
 Fax. (U.S.): 1-800-895-0582
 (Foreign) 1-607-771-0012
 E-mail: getinfo@haworthpressinc.com
 Web: www.haworthpressinc.com

Available in paperback:

Tyler's Honest Herbal-, Varro L. Tyler, Ph.D.--A sensible guide to the use of herbs and related remedies, 442 pp. \$24.95
 ISBN: 0-7890-0875-0

Tyler's Herbs of Choice, Varro L. Tyler, Ph.D.--The therapeutic use of phytomedicinals, 287 pp. \$19.95
 ISBN: 0-7890-0160-8

Deutscher Apotheker Verlag
 P. O. Box 101061
 D-70009 Stuttgart
 Germany
 Fax. +49-711-2582-290
 E-mail: Service@DAV-Buchhandlung.de
 Web: <http://www.Deutscher-Apotheker-Verlag.de/software>

Herbal Remedies --Thomas Brendler, Dr. Joerg Gruenwald, Christof Jaenicke, eds.--
 Information on more than 600 plants including scientific names, synonyms, and related species, common names, origins of names and history, plant family and botany. 1999.
 CD. \$99, ISBN: 3-7692-2221-0 (DAV)
 Technical Requirements: Min. PC 386, 6 MB RAM, Maus; SVGA 640-480; 16 MB Ram compatible with: MS Windows 3.x, MS Windows 95

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 P. O. Box 882
 New York, NY 10159-0882
 Tel.: (+1) 212-633-3730
 (Toll Free): 1-888-437-4636
 Fax.: (+1) 212-633-3680
 E-mail: usinfo-f@elsevier.com

Alkaloids: Chemical and Biological Perspectives:

Volume 12, S.W. Pelletier, ed. 1998 - 406 pages, Hardbound. Contents: Acronycine-type alkaloids: Chemistry and biology; *Solanum* steroid alkaloids - an update; *Lissoclinum* peptide alkaloids; Alkaloid analysis by capillary electrophoresis; oxidation of anthelmintic marcofortine A, an indole alkaloid, and more. Disc., \$156.00, Reg. \$223.50. ISBN: 0-08-042805-3
www.elsevier.nl/locate/isbn/0080428053

Alkaloids: Chemical and Biological Perspectives:

Volume 13, S.W. Pelletier, ed. 1999 - 448 pages, Hardbound. Contents: Chemistry, Pharmacology, and Biology of Amphibian Alkaloids; Review of Indole Alkaloids; Pyrrole Alkaloids; Alkaloids from *Aconitum*, *Delphinium* and *Consolida*; Novel approaches to the construction of piperidine, izidine and quinazoline alkaloids, and more. \$264.00.
 ISBN: 0-08-043403-7



MEMBER'S NEWS

David J. Slatkin, Ph.D., Dean of the College of Pharmacy-Glendale at Midwestern University named one of the top 50 most influential pharmacists of 1999 by *American Druggist* magazine.

Dr. Slatkin was selected for his dedication in founding two colleges of pharmacy for Midwestern University--The Chicago College of Pharmacy in 1991 and the College of Pharmacy-Glendale (CPG) in 1998. At CPG, Dr. Slatkin introduced a unique year-round, three year Pharm.D. Program to allow students more rapid entry into the profession.

David Slatkin served on the faculty of the University of Pittsburgh School of Pharmacy, from 1973-1990, and as Director of Graduate programs from 1986-1990. In 1988 he was appointed Assistant Dean. In 1991 David Slatkin became Dean of Midwestern University's Chicago College of Pharmacy. In 1998 he moved to the Phoenix area to become the founding Dean of the College of Pharmacy-Glendale.

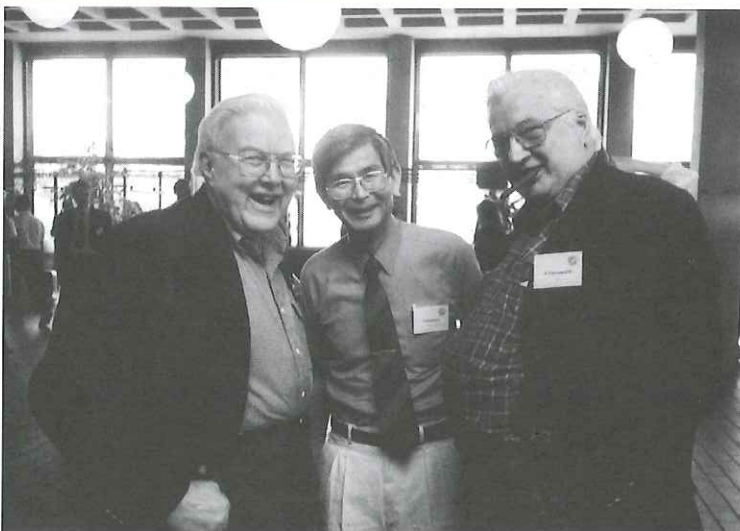
Congratulations David!

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.
American Herbal Products Association
8484 Georgia Avenue, Suite 370
Silver Spring, MD 20910 USA
Fax: (301) 588-1174
Phone: (301) 588-1171 ext. 103
email: jbetz@ahpa.org



Uh-oh!

Norman Farnsworth (r.) called our attention to the following error:

"On page 9 of the latest ASP Newsletter, the chap between Tip and myself is not Al Leung, it is Professor Yoshi Asakawa of Toyama University."

Our apologies to Professor Asakawa.

Visit the ASP website at <http://www.phcog.org/>

MEETINGS

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

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/melting-pot/rundberg/547/rolduc/homepage.html> or by contacting Prof. R. Verpoorte at: Fcogsymp@LACDR.LeidenUniv.NL

June 27-29 - Ankara, Turkey - International Symposium on Pharmaceutical Sciences. For information contact: Prof. Dr. Nilüfer TARIMCI, Ankara University, Davulty 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

September 3-7, Zurich, Switzerland. International Congress and 48th Annual Meeting of the Society for Medicinal Plant Research (GA)/ 6th International Congress of the International Society for Ethnopharmacology (ISE). Contact: Prof. Dr. O. Sticher, GA/ISE-Congress, Institute of Pharmaceutical Sciences, ETH Zurich, Winterthurerstr. 190, 8057 Zurich, Switzerland. Fax ++41-1-632.68.82; e-mail: pharmacognosy@pharma.ethz.ch; Website: www.pharma.ethz.ch/pharmacognosy

September 18-28, Antananarivo, Madagascar. International Meeting on Natural Products, Pharmacology, Biodiversity, Environment, Fundamental and Applied Science. Contact: Prof. Marta Andriantsiferana, Chairwoman, Scientific Organizing Committee, Laboratoire de Chimie Organique, "Produits Naturels", LPN,17, Cité Mahatazana, Ampandrianomby, Antananarivo 101 – Madagascar, Tél/Fax : 261 20 22 407 06, e-mail : martamam@dts.mg

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



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Glendale, Arizona 85318-2548

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, 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
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Glendale, AZ 85318-2548

ASP Newsletter

Joy B. Reighard, Ph.D.
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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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