



THE AMERICAN SOCIETY OF PHARMACOGNOSY

**Sidney M. Hecht Receives 1998
Research Achievement Award**

Sidney M. Hecht is the 1998 recipient of the ASP Research Achievement Award and will address the attendees at the Annual Meeting in Orlando, Florida in July of this year. Dr. Hecht received his B.A. in Chemistry from the University of Rochester in 1966 and his Ph.D. in Chemistry from the University of Illinois in 1970.

Sidney began his career at the University of Wisconsin as a NIH Postdoctoral Fellow. From there he went to Massachusetts Institute of Technology from 1971-1979, then on to the University of Virginia as the John W. Mallet Professor of Chemistry and Professor of Biology where he continues today. From 1981 to 1986, Sidney

Continued on page 6

1998 ASP AWARD WINNERS

The following awards and grants have been made by the Society in 1998. Congratulations to all recipients.

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.

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:

Namthip Sitachitta

Oregon State University
W. H. Gerwick, Advisor

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:

Leng-Chee Chang

University of Illinois at Chicago
A. D. Kinghorn, Advisor

continued on page 5

NEW MEMBERS

ACTIVE MEMBERS

Claude Andary
Montpellier, France
André Foriers
University of Brussels
Belgium
John M. Beale
St. Louis College of Pharmacy
Daniel Brennan
Plantation Medicinals, Inc
Felda, Florida
Josef Alan Brinckmann
Traditional Medicinal Inc.
Sebastopol, California
Donald J. Brown
NPRC, Inc.
Seattle, Washington
Richard Bush
Nutraceutical International Corp.
Roy, Utah
Kurtis D. Crompton
Nutraceutical International Corp.
Ogden, Utah
Jonathon Davidson
Duke University
Laurence Dinan
University of Exeter
Devon, England
Stephen Duke
USDA, ARS
University, MS
Jill Ellis
Newport Beach, California
Juan A. Garbarino
University of Santa Maria
Santiago, Chile
Anwarul Hassan Gilani
Aga Khau University
Karachi, Pakistan
Dimitris Gourmelis
Aristotelian Univ. of Thessaloniki
Thessaloniki, Greece
Freddie Ann Hoffman
Potomac, Maryland

Lin Hongxiang
Peoples' Republic of China
Gamani S. Jayatilake
Hauser, Inc.
Boulder, Colorado
Carlos Jimenez
Universidad de La Coruña
La Coruña, Spain
Lyle A. Johnson
Spectrum Glass and Chemical
Fort Lauderdale, Florida
Stacey S. Kerr
Spectrum Glass and Chemical
Fort Lauderdale, Florida
Uwe Koetter
Smithkline Beecham
Morris Plains, New York
Dieter Kreuzsch
Institut für Pharmazeutische Biologie
Marburg an der Lahn, Germany
Qing Lu
Cultor Food Science, Inc.
Ardley, New York
Seiichi P.T. Matsuda
Rice University
Lawrence A. May
Herbalife International, Inc.
Los Angeles, California
Michael Mc Guffin
McZand Herbal Inc.
Los Angeles, California
Robert H. Miller
Ross Product Division- Abbott Labs
Columbus, Ohio
Timothy A. Mitsky
Monsanto Life Science
St. Louis, Missouri
Toshio Miyase
University of Shizuoka
Shizuoka, Japan
Paolo Morazzoni
Indena S.p.A.
Milan, Italy

Philip J. Proteau
Oregon State University
Muhammad Munawer Qureshi
Tobacco and Health Research Inst.
University of Kentucky
Yepuri Nageshwar Rao
Dr. Reddy's Research Foundation
Hyderabad, India
Mohammad Abdur Rashid
National Cancer Institute
Frederick, Maryland
Kathleen Rein
University of Miami
Shawky Salem
Alexandria University
Alexandria, Egypt
Fumio Sugawara
Science University of Tokyo
Noda, Japan
Nanjoo Suh
Dartmouth Medical School
Han- Dong Sun
Kunming Institute of Botany
Yunnan, Peoples' Republic of China
Steven M. Swanson
University of Illinois at Chicago
Roy Upton
Threshold Enterprises
Soquel, California
Joe Veilleux
GM Euromed USA, Inc.
Pittsburgh, Pennsylvania
Steven A. Witherly
Herbalife International, Inc.
Los Angeles, California
Hyun -Ok Yang
Asan Institute for Life Sciences
Seoul, Korea
Kurt A. Young
General Nutrition Products
Greenville, South Carolina
Min Zhu
The Chinese Univ. of Hong Kong

ASSOCIATE MEMBERS

M. Marcela Gamboa Angulo
Yucatan, Mexico

LaVerne Brown
Virginia Commonwealth Univ.
Taipei Medical College
Taiwan

Marina Davydov
SUNY at Stony Brook

Stephen Fuemmeler
Hazel Green, Alabama

Frank Alex Hamill
University of Illinois at Chicago

Michael Kastanias
Agricultural University of Athens
Athens, Greece

James H. Johnson, Jr.
University of Florida

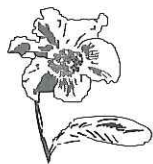
Jennifer Miles
Michigan State University
East Lansing, Michigan

Thanh Nguyen
Philadelphia College of Pharmacy
and Science

Xin Peng
Rutgers University
New Brunswick, New Jersey

Brian T. Schaneberg
Virginia Commonwealth
University

Ching-Chiung Wang



SYMPOSIA

39th Annual Meeting
American Society of Pharmacognosy
Coronado Springs Resort, Walt Disney World
Orlando, Florida

Monday, July 20

Dr. James McAlpine

"The Roles of Natural Product Chemistry - What the Past Tells Us about the Future"

Dr. May Berenbaum

"Chemical Ecology and its Role in Drug Discovery"

Dr. Niels Lindquist

"Consequences of Consuming Secondary Metabolites"

Tuesday, July 21

Dr. Salvatore Forenza

"Natural Products and High Throughput Screening"

Dr. Reimar Bruening

"Rapid Deconvolution of Complex Extract Matrices: There's More Than One Needle in the Haystack"

Wednesday, July 22

Dr. Gordon Cragg

"The Supply Issue: Challenges and Solutions"

Dr. Jeffrey Wright

"Stable Isotopes and NMR Spectroscopy- Crucial First Steps Towards Combinatorial Biosynthesis"

Dr. Steven Gould

"Pyoluteorin Biosynthesis in the Biological Control Bacterium *Pseudomonas fluorescens* Pf-5"

Research Achievement Award Address: Dr. Sidney Hecht

"Bleomycin: New Perspectives on the Mechanism of Action"

Thursday, July 23

Dr. Angela Stafford

"Plant Cell Cultures as a Source of Novel Natural Product Chemistry"

Dr. Jack Rosazza

"Biocatalysis from the Heartland: From Corn Antioxidants to Nitric Oxide Synthase"

Dr. Gary Ashley

"Engineering Polyketide Biosynthesis"

Future ASP Meetings

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

November 15-19 - Annual Meeting, Moscone Convention Center, San Francisco, CA

Other Meetings of Interest—1998

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 2-4, The 4th Annual International Congress on Alternative & Complementary Therapies, Arlington, VA**. Contact: Nilda Rivera, BioConferences International, Inc., 2 Madison Avenue, Larchmont, NY 10538. Tel.: 1-800-5BIOCON, E-mail: hmatysko@liebertpub.com

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: CustomerService@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-er.uni-marburg.de, URL: <http://www.uni-marburg.de/stadt/>

Other Meetings of Interest—1999

✓ **February 28-March 3, Addis Ababa, Ethiopia, Second International Symposium on the Chemistry, Biological and Pharmacological Properties of African Medicinal Plants**. For further information contact: Professor K. Hostettmann, Chairman, IOCD Working Group on Plant Chemistry, Insititue of Pharmacognosy and Phytochemistry, University of Lausanne, B.E.P., CH-1015 Lausanne-Dorigny, Switzerland. Telephone: 41/21 692 45 61: FAX: 41/21 692 45 65; E-mail: kurt.hostettmann@ipp.unil.ch



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 other than that it should be in the area of natural products.

This year's winners are:

Shakila Bi

King's College, London
A. Raman and W. J. Keller, Advisors
Topic: "Investigation of Selected *Lupinus* Species and Three Other Plants with Reputed Anti-Diabetic Properties for the Ability to Stimulate Pancreatic Insulin Secretion"

Stephen Fuemmeler

University of Alabama at Huntsville
W. N. Setzer, Advisor
Topic: "New Anti-Herpes Agents from Tropical Higher Plants"

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.

This year's winners are:

Roberto Berlinck

Universidade de Sao Paulo, Sao Carlos, Brasil
Topic: "A Survey of Bioactive Natural Products from Brazilian Marine Invertebrates"

Jose L. Giner

State University of New York at Syracuse
Topic: "Biosynthetic Studies of an Antiviral Marine Orthoester"

Marc Slattery

University of Mississippi
Topic: "Marine Microbes as Novel Sources of Biomedical Compounds"

Member Travel Grants

Active members of the Society in the first eight years after earning their Ph.D. and in the first five years of their first independent career position are eligible for a travel grant of \$300 to \$500 to enable them to attend a Society meeting and present a paper.

This year's winners are:

Khalid El Sayed

University of Mississippi

Edward Kennelly

Food and Drug Administration

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.

This year's winners are:

Ehab Abourashed

University of Mississippi

Vijender Dhawan

Northeast Louisiana University

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 is:

Wyatt Smith

University of California at Davis

CONGRATULATIONS!

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

Sidney M. Hecht continued from page 1

was Vice President of Smith Kline & French's Research and Development group and was SK&F Distinguished Fellow from 1986-1987.

Dr. Hecht's research has centered around antitumor agents and the mechanisms of actions of some important antitumor agents. Sidney was responsible for the identification and the mechanism of action of the antitumor agent camptothecin. He was also responsible for the synthesis of several analogs of camptothecin, including topotecan, a water-soluble derivative, which is currently being used in the United States for the treatment of ovarian cancer. Topotecan is in clinical trials for a number of other cancers as well. Dr. Hecht's research in the area of antitumor mechanisms of action has included research on Topoisomerase I, an enzyme involved in tumor activity. He has also done research involving new targets for antitumor agents.

Congratulations Sidney!



EXTRACURRICULAR ACTIVITIES IN ORLANDO

KENNEDY SPACE CENTER

Friday, July 24, 1998

Cost: \$36 per adult, \$29 for children three to eleven years old

Time: Departs Coronado Springs Resort at 8:00 am, returns at 4:00 pm

Description: The dream and commitment of space exploration is alive at the Space Center! See Kennedy Space Center as you never have before by visiting the brand new Apollo/Saturn V Center. The centerpiece of this 100,000 square foot attraction is the actual refurbished 363 foot tall Saturn V moon rocket, one of only three moon rockets in existence. View two new lifelike theater presentations: "The firing Room" - special effects help to recreate the atmosphere of the original firing room as it existed during the Apollo era and the "Lunar Surface Theater" which will re-stage the fateful moments of the lunar landing of Apollo 11 when Neil Armstrong and Buzz Aldrin made history in 1969. This 2 hour bus tour also allows you to view the shuttle assembly building, actual-launch pads, and rocket museums. A breathtaking film will be shown on a five-story IMAX screen. Lunch is on your own. Total drive time approximately two hours. Come experience a new era of galactic excellence at KSC!

Wednesday, July 22, 1998

During the meeting, Wednesday afternoon has been left open so that ASP members might enjoy one of the many attractions available in the greater Orlando area. In addition to the Disney theme parks and other attractions, which will be readily accessible to all Coronado Springs Resort guests, we have arranged two group tours of popular attractions.

SEA WORLD

Wednesday, July 22, 1998

Cost: \$63.50 per person

Times: Departs Coronado Springs Resort 9:30 am

Description: Have fun of oceanic proportions at Sea World of Florida. Take a chilly trek from the North Pole to the South Pole while going behind the scenes at "Wild Arctic" and then up to the Avian Research Facility. Visit areas for "authorized personnel only" as your Sea World Education Specialists take you behind the scenes for an exclusive view of the polar bears and penguins. Guests will then get a chance to enter the climate controlled facility and meet a Magellanic penguin. Other experiences include, Shamu: Close Up!, Penguin Encounter, The new Key West exhibit and Terrors of the Deep. The special Polar Expedition tour is 60 minutes.

AIRBOAT ADVENTURE

Wednesday, July 22, 1998

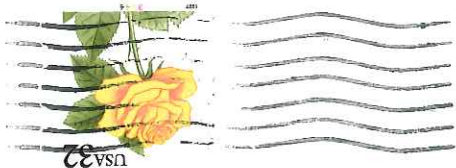
Cost: \$44 per adult, \$38 per 3-11 year old child

Times: Departs Coronado Springs Resort at noon, returns at 5:30 pm.

Description: What's a visit to Florida without seeing an alligator? Come experience the scenery along the Withlacooche River, as you thrill to an airboat ride to get really close to the elements and Florida animals. An exciting, educational adventure! Travel time is approximately one hour each way. Enjoy a box lunch on the way or lunch at the rustic Fisherman's Café.

HAVE FUN!!!

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



David J. Slatkin, Ph.D.
 Midwestern University
 College of Pharmacy
 19555 N. 59th Street
 Glendale, Arizona 85308

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

Send information to:

Joy B. Reighard, Ph.D., Editor
ASP Newsletter
 Temple Univ. School of Pharmacy
 3307 N. Broad Street
 Philadelphia, Pennsylvania 19140

Phone: (215) 707-4946
 Fax: (215) 707-3678
 E-mail:
 reighard@astro.ocis.temple.edu

