



ASP Newsletter

The American Society of Pharmacognosy

VOLUME 20, NUMBER 2

JULY, 1984

FROM THE EDITOR

I want to again thank all of you who have been contributing to the *ASP Newsletter*. My special thanks to "Tip" Tyler for his "Appreciation" of Jack L. Beal in the last issue.

Please continue to send your input for the Newsletter. I always appreciate letters to the editor, selected editorials, new appointments and promotions, grant information, position openings, and any other pertinent information. This material should be sent to:

Joy B. Reighard, Ph.D., Editor
ASP Newsletter

Temple University School of Pharmacy
3307 N. Broad St.
Philadelphia, PA 19140 USA
Phone: (215) 221-4946

Thank you for your contributions. Material for the next issue should reach my office no later than August 31, 1984.

STEPHANIE A. SWEETANA WINS KILMER PRIZE

Stephanie A. Sweetana of Bloomington, Indiana, has been chosen as the recipient of the 1984 Kilmer Prize for her research in pharmacognosy and natural products. Stephanie is a member of the Student APhA and a 1984 graduate of Purdue University School of Pharmacy.

Stephanie's award-winning paper was entitled, "New Trace Alkaloids from *Backebergia militaris* and *Pachycereus weberi*," and was in cooperation with graduate students from the analytical laboratory of Dr. R.G. Cooks in the Department of Chemistry at Purdue. Stephanie's work included the use of preparative radial thin-layer chromatography with tandem mass spectrometry (MS/MS) to identify nine trace alkaloids in these two species of cacti. Four of the alkaloids which were identified were novel natural products. Two of these alkaloids are fully aromatic isoquinolines which have never been identified in the cactus family. This work was accomplished under the supervision of Dr. Jerry L. McLaughlin, Professor of Pharmacognosy at Purdue, and Visiting Professor N.R. Ferrigni.

As a recipient of the Kilmer Prize, Stephanie received the gold Kilmer key bearing the likeness of the late F.B. Kilmer. ASP also provided a \$300.00 honorarium and APhA provided another \$300.00 for the recipient to attend the APhA Annual meeting to present the paper. The award this year was presented at the 1984 APhA Annual Meeting in Montreal, during the Academy of Pharmaceutical Sciences awards ceremony on Monday, May 7. Stephanie presented her paper during the APS Medicinal Chemistry and Pharmacognosy Section Contributed Papers Podium Session on the same day.

This is the second year that an undergraduate from Dr. McLaughlin's laboratory at Purdue was chosen to receive the award. The 1983 recipient was Pamela L. (Boner) Marshall of Mishawaka, Indiana. Both of these students were supported as summer research interns by a grant directed by Dr. R.P. Maickel provided by the National Institute of Health.

The ASP wished to send sincere congratulations to Stephanie for her accomplishments.

1984 ASP ANNUAL MEETING

The 25th Annual Meeting of the American Society of Pharmacognosy promises to be stimulating and informative. It will be held August 19-23, 1984 at the University of Texas at Austin.

This year's symposium on Biotechnology in Natural Products Research includes ten well-known speakers in four major areas:

Monday, August 20 - "Drug Screening"

Dr. Robert Hamill
Eli Lilly Corp.
Indianapolis, IN

Screening Microbial Products
for Pharmacological Activities

Dr. Sidney Hecht
Smith Kline Beckman Co.
Philadelphia, Pa.

A Search for Novel Antineoplastic
Agents of Plant Origin

Tuesday, August 21 - "Natural Products as Biological Probes"

Dr. William Remers
University of Arizona
Tucson, AZ

Natural Products as Probes for
Nucleic Acid Structure and
Sequence

Dr. Robert Williams
Univ. of Texas at San Antonio
San Antonio, TX

The Interactions of Colchicine
Alkaloids and Related
Compounds with Tubulin

Dr. Creed W. Abell
Univ. of Texas Medical Branch
Galveston, TX

Applications of Monoclonal
Antibodies in Basic Research,
Diagnosis, and Therapy

Wednesday, August 22 - "Plant Tissue Culture"

Dr. E. John Staba
University of Minnesota
Minneapolis, MN

Milestones in Plant Tissue Culture
Systems for the Production
of Secondary Metabolites

Dr. J. Stefan Rokem
The Hebrew University
Hadassa Medical School
Jerusalem, Israel

Ways of Improving Yields of
Secondary Products in Plant Cell
Suspension Cultures

Dr. Robert Adams
University of Texas at Austin
Austin, TX

Future Approaches in Plant
Tissue Culture

Friday, August 24th - "Marine Natural Products"

Dr. Alfred Weinheimer
University of Houston
Houston, TX

Bioactive Marine Natural
Products: Emphasis on Water
Insoluble Compounds

Dr. Yuzuru Shimizu
University of Rhode Island
Kingston, RI

Bioactive Marine Natural
Products: Particularly Water-
Soluble Compounds

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The mini-symposium which is scheduled for Friday, August 24, 1984 is planned for approximately 30 ASP members. It will be held at the Texas Marine Science Institute at Port Aransas, TX. Applications will be accepted on a first-come-first-served basis. This optional program will cost an additional \$55.00 for interested parties.

The following is a schedule of events for the main portion of the annual meeting:

Sunday - August 19, 1984

Arrive at Mueller Airport, Austin, Texas
Transportation supplied by Villa Capri to Motel
Room Assignments
Obtain Program Packet
Late Registration

9:30 a.m. Executive Committee Meeting (Faculty Lounge - PHR 5.108, College of Pharmacy)

7:30 p.m. Reception-Social Mixer
(Villa Capri Entertainment Center)

Monday - August 20, 1984

No host breakfast
Walk to Joe C. Thompson Conference Center
(Auditorium) (one block west of Villa Capri Motel)

9:00 a.m. Welcome

9:30 Symposium

10:30 Coffee Break

10:45 Symposium

12:00 p.m. No host lunch

1:30 Contributed Papers (Auditorium)

3:00 Coffee Break

3:30 ASP Business Meeting (Auditorium)

5:00 DDI Movie (Auditorium)

6:30 Bus Transportation to Lake-side Dinner

Tuesday - August 21, 1984

No host breakfast
Thompson Conference Center (Auditorium)

9:00 a.m. Symposium

10:00 Coffee Break

10:30 Symposium

12:00 p.m. No host lunch

1:30 Contributed papers (Auditorium)

3:00 Coffee Break

3:30 Contributed papers

6:00 Editorial Advisory Board Meeting
(Faculty Lounge - PHR 5.108, College of Pharmacy)

Free Evening

Wednesday - August 22, 1984

No host breakfast
Thompson Conference Center (Auditorium)

9:00 a.m. Symposium

10:00 Coffee Break

10:30 Symposium

12:00 p.m. No host lunch

1:30 Poster Session
(Thompson Conference Center - 2.102)

3:00 Coffee Break

3:30 Poster Session
(Thompson Conference Center - 2.102)

7:00 Banquet (Villa Capri Motel)

Thursday - August 23, 1984

No host breakfast
Thompson Conference Center (Auditorium)

8:30 a.m. Contributed Papers

10:00 Coffee Break

10:30 Contributed Papers

11:30 Farewell

12:00 p.m. Departure for participants not registered
for Mini-symposium

1:00 Bus departure for Mini-Symposium in
Port Aransas

Further information on the annual meeting may be obtained from:

Dr. Gerald Sullivan
College of Pharmacy
The University of Texas at Austin
Austin, Texas 78712 USA
Phone: (512) 471-5715

FUTURE MEETINGS

Future ASP Meetings

1985 - Chapel Hill, North Carolina, July 7-12. This meeting is known as the International Research Congress on Natural Products. In addition to ASP, several other organizations will be participating: The Phytochemical Society of Europe (PSE), the Gesellschaft für Arzneipflanzenforschung (GA), and the Association Française Pour l'Enseignement et la Recherche en Pharmacognosie (AFERP). Topics of discussion will include: isolation and structure elucidation of new bioactive natural products, biosynthesis of natural products, and synthesis and structure-activity relationships of natural products.

1986 - University of Michigan

1987 - University of Rhode Island

Phytochemical Society of Europe Future Meetings

The Biochemistry of Plant Phenolics, University of Ghent, Belgium, August 28-31, 1984. Details may be obtained from Professor C.F. Van Sumere, Laboratory of Plant Biochemistry, University of Ghent, Ledeganckstraat 35, 9000 Ghent, Belgium.

Other Meetings of Interest

Seventh International Symposium on Carotenoids, August 27-31, 1984, at the Botanical Institute of the Universität München. For further details contact Professor W. Rau, Botanisches Institut der Universität, Menzinger Strasse 67, D8000 München 19, West Germany.

Fifth Asian Symposium on Medicinal Plants and Spices, Seoul National University, August 20-24, 1984. Details may be obtained from Dr. Byung Hoon Han, Director, Natural Products Research Institute, Seoul National University, 28, Yeunkeun-Dong, Chongro Ku, Seoul 110, Korea, Telephone 762-8320.

Second International Congress for the Study of Traditional Asian Medicine, September 2-7, 1984, Hyatt Bumi Hotel, Surabaya, Indonesia. For further information contact Organizing Committee ICTAM II, School of Pharmacy, Airlangga University, JL. Darmahusada no. 47, Surabaya, Indonesia. Phone (031)-43710 (Office hours)

First Arab Conference on Medicinal Plants, November 17-21, 1984, National Research Centre Dokki, Cairo, Egypt. Details may be obtained by contacting Dr. Mahasen A. Abdel-Alim, National Research Centre, El-Tahrir Str. Dokki, Cairo A. R. Egypt.

Third International Congress of Systematic and Evolutionary Biology, July 4-10, 1985, University of Sussex, United Kingdom. The following Congress Symposia are being organized:

Symbiosis in Evolution
 Conservation of Tropical Ecosystems
 Biogeographic Evolution of the Malay Archipelago
 Adaptational Aspects of Physiological Processes
 Co-evolution in Ecosystems and the Red Queen Hypothesis
 Angiosperm Origins and the Biological Consequences
 The Measurement of Rates of Evolution
 Molecular Biology and Evolutionary Theory
 Co-evolution and Systematics
 Molecules vs. Morphology in Phylogeny:
 Conflict or Compromise?
 Random and Directed Events in Evolution
 Biochemical Innovation in Microbial Communities

For further information contact:

Professor Barry Cox, ICSEB Congress Office, 130 Queen's Road, Brighton, Sussex BN1 3WE, UK

SOCIETY NEWS

Dr. S.S. Handa has been promoted to Professor and Chairman in Pharmacognosy in the Department of Pharmaceutical Sciences at Panjab University in Chandigarh, India. Previously Dr. Handa was a reader in pharmacognosy. Congratulations!

SITUATIONS WANTED

Dr. C. M. Ojinnaka of the University of Port Harcourt, Nigeria, is seeking a position in the United States for a period of twelve months. Dr. Ojinnaka is an Organic Chemist with a Ph.D. in Natural Products Chemistry. He would like to work with any group on the Isolation and Structure elucidation of antitumor/cytotoxic agents from plants. Dr. Ojinnaka desires placement in an organization or University currently carrying out research on the above topic.

Dr. C. M. Ojinnaka
 University of Port Harcourt
 Department of Chemistry
 P.M.B. 5323
 Port Harcourt
 Nigeria

BOOKS OF INTEREST

"Plants Used Against Cancer," Jonathan L. Hartwell, Quarterman Publications, Inc., 5 South Union Street, Lawrence, Massachusetts 01843, 722 pages, \$75.00.

New Publication: Fitoterapia, Rivista di studi ed applicazioni delle piante medicinali, via Ripamonti, 99, 20141, Milano. Telephone: 53.63.12

NEW MEMBERS

The Society is really blooming! We are very happy to welcome 50 new members!

New active members:

Ahmed A. Ahmed
 El-Minia University
 El-Minia, Egypt

Jesus E. L. Aquilar
 Valle del Cauca
 Colombia

Dennis Barron
 Montreal, Quebec, Canada

Arnold Brossi
 Bethesda, Maryland

Hye Sook Yun Choi
 Seoul National University
 Seoul, Korea

Xorge A. Dominguez
 Monterrey, N.L.
 Mexico

L. Girre
 UER de "Medicament"
 Rennes, France

Jan Grzybek
 Nicolaus Copernicus Academy
 Krakow, Poland

Charles Heinzman
 Monsanto Agricultural Prod.
 St. Louis, Missouri

Peter John Hylands
 University of London
 London, England

Tae-Hee Kim
 Sookmung Women's Univ.
 Seoul, Korea

Jean Levy
 Faculte de Pharmacie
 Reims Cedex, France

Anne Marie Mariotte
 UER Pharmacie
 Domaino de la Merci, France

Sibabrata Mukhopadhyay
 Regional Research Laboratory
 Jammu, India

Alicia Beatriz Pomilio
 Buenos Aires, Argentina

Radhika Sanduja
 University of Houston
 Houston, Texas

Rafael Suau
 Facultad De Ciencias
 Malaga, Spain

John ApSimon
 Carleton University
 Ottawa, Canada

Susanne Arrhenius
 University of California
 California

Maria Redy Bondrescu
 Hawthorne, California

J. George Buta
 USDA Agriculture Research
 Beltsville, Maryland

Charles Dickson
 Hickory, North Carolina

H. Dutschewska
 Bulgarian Academy of Science
 Sofia, Bulgaria

Michael A. Goetz
 Merck and Company
 Rahway, New Jersey

Abdel-Azim M. Habib
 Purdue University
 West Lafayette, Indiana

Richard W. Hemingway
 USDA Forest Service
 Pineville, Louisiana

Yoshiaki Kamano
 Arizona State University
 Tempe, Arizona

G.M. Laekeman
 University of Antwerp
 Universiteitsplein, Belgium

Kevin L. Lohse
 North Wales, Pennsylvania

Edgar Lucidi
 Brea, California

Ferouk R. Melek
 National Research Center
 Dokki, Cairo, Egypt

Ronald J. Nachman
 USDA
 Berkeley, California

Andrew J. Poss
 State University of New York
 Buffalo, New York

Martin Sandig
 Wiesbaden, West Germany

(Continued on page 4, column 1)

MEMBERSHIP

(Continued from page 3, column 2)

Wesley G. Taylor
Ag. Canada Res. Station
Lethbridge, Alberta, Canada

John K. Snyder
Boston University
Boston, Massachusetts

Gurnell Lincoln Williams
Oakland, California

William Tramontano
Manhattan College
Bronx, New York

Peiquan Yang
University of Illinois
Chicago, Illinois

New associate members:

Appavu Chandrasekaran
Columbus, Ohio

Mohammed O. Elsheikh
Columbus, Ohio

Ahmed Mohamed Galal
University of Pittsburgh
Pittsburgh, Pennsylvania

Lee-Juan Lin
Chicago, Illinois

Heidi Marie Peter
Cos Cob, Connecticut

Judy S. McClanahan
Lexington, Kentucky

Mark R. Roby
Colorado State University
Fort Collins, Colorado

Michael Raub
Montana State University
Bozeman, Montana

Edward W. Sheehan
Pittsburgh, Pennsylvania

Carlos A. Serrano
Cusco, Peru

Edwin S. Stewart
University of Texas
Austin, Texas

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 \$35.00 per year or \$55.00 per year if air mail is desired.

Associate Membership

Associate membership is open to students of pharmacognosy and allied fields. These members are not accorded voting privileges, and dues are \$25.00 per year.

Honorary Membership

Honorary members are selected by the Executive Committee of the American Society of Pharmacognosy on the basis of meritorious services to pharmacognosy. These members are eligible to vote, but are not eligible to hold either appointed or elected offices. Although the Constitution allows for 12 Honorary members, at the present time, the society has only five:

Dr. Jonathan L. Hartwell, Washington, D.C.
Dr. R. Hegnauer, Leiden, Netherlands
Dr. Albert Hofmann, Switzerland
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 - \$1000.00 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
Department of Pharmacognosy
512 Salk Hall
School of Pharmacy
University of Pittsburgh
Pittsburgh, PA 15261 USA

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