



The American Society of Pharmacognosy

43rd Annual Meeting At New Brunswick, NJ ... Kicked-Off With Magical Reception

Richard G. Powell

The 43rd Annual Meeting of the American Society of Pharmacognosy and 3rd Monroe Wall Symposium at New Brunswick, New Jersey, July 27th to 31st, 2002 will long be the subject of fond memories by the approximately 500 registrants representing 30 countries.

Members of the Organizing Committee, and particularly General Chairman Dr. Ramesh Pandey and Co-chairs Drs. Renuka Misra and Robert Borris, worked tirelessly to provide the attendees with comfortable facilities, an outstanding technical



Mrs. Marian Wall, felicitated at the banquet by ASP President, Dr. S. William Pelletier and Dr. Ramesh Pandey (Chair - Organizing Committee)

program, and a variety of enjoyable social events. The meeting this year

... continued on page 6

*What will be the Best Place to visit
in the Summer of 2003?...Page 5*

Taxol Discovery Commemorated in Washington State *Plaque Marks First Pacific Yew Bark Collection*

A historical marker was unveiled in the State of Washington on Aug. 21 to commemorate the collection of the original sample of *Taxus brevifolia*, which subsequently led to the discovery of the novel anticancer drug, Taxol[®], by Dr. Mansukh Wani and the late Dr. Monroe Wall at Research Triangle Institute (RTI) in North Carolina.



Historical Taxol Marker at La Wis Wis Campground near Packwood Washington

The marker, consisting of a brass plaque affixed to a two-ton stone, is located in La Wis Wis Campground near Packwood, Washington, approximately seven miles away from the site where this first specimen of the Pacific yew tree was collected 40 years ago by a team of botanists led by Dr. Arthur Barclay of the U.S. Department of Agriculture. The site is about a 1.5-hour drive southeast of Seattle in an old-growth stand in the Gifford Pinchot National Forest.

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NEWSLETTER

Vol. 38
No. 3



FALL

2002

This issue is dedicated to the memory of Dr. Monroe Wall

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Editor's Corner

Dear Friends,

Greetings !!

This is to get reacquainted with you – now in my new role – as the editor of ASP Newsletter.



At the outset, I express my gratitude to all those who have shown their faith in me with this responsibility, especially Dr. William Pelletier, immediate past president of ASP.

The ASP Newsletter is a vehicle for two-way communication between ASP executives, chairs of various committees and the membership at large. I look forward to the active support, positive ideas, and timely input from the ASP officials to make the Newsletter even more valuable than it has been in the past – a worthwhile contribution from ASP to its members. Also, I urge all ASP members to get involved in providing your feedback, suggestions, news of excellence and letters to the editor. Without your involvement both as contributors and readers, there won't be much enthusiasm or excitement in producing this Newsletter. Production of the Newsletter witnesses a co-operative venture on the part of all involved.

I have tried to be extremely diligent in my attempts to collect as much news of importance and from as many sources as I possibly could. However, I do realize that a few items which should have been in this issue are lacking. It is only through your co-operation that any possible omissions of significance could be rectified in the forthcoming issues. The brevity of time of course did not allow me to do justice to the cause I undertook. But still, for us it is just the beginning.

It is with a deep sense of gratitude to all our contributors, readers and friends that the Fall issue of ASP Newsletter is being released.

WISHING YOU ALL – A COLORFUL FALL

Renuka Misra, Editor

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Become an Online Member

- Pay by Credit Card (via Verisign)
- Or Send a Check to:
Treasurer Dr. David Slatkin

(Mailing details ...Page 16)

Application Forms Available
at: www.phcog.org

NEWSMAKER AWARDS 2002

Journal Of Natural Products Gaining Greater Recognition

Lloyadia (1939-78) Journal of Natural Products (1979-)

The *Journal of Natural Products* that was formerly called *Lloyadia* is attaining greater admiration in the chemical community as evident by recent “Newsmaker 2002” Awards by the American Chemical Society (ACS).

Eight ACS members were recognized by the ACS with “Newsmaker Awards” at its national meeting. The Awards were given in five categories to honor members who have made important contributions towards communicating chemistry to the public through news media. The newsmakers whose research generated most media coverage through an ACS Journal, were Drs. Mohamed M. Rafi and Chi-Tang Ho, both from the Food Science Department of Rutgers University. They received the “Newsmaker 2002” Awards at the 224th National Meeting of the ACS in Boston on August 21, 2002. They were honored for their article that appeared in the *Journal of Natural Products* [64, 1460-1462 (2001)], entitled “Furanosesquiterpenoids from *Commiphora myrrha*”, in which one of the components of the gum resin of this plant (myrrh) was found to show cytotoxic activity against a breast tumor cell line in a clonogenic assay. This article received the most media coverage of any article in an ACS published or co-published Journal in the last year, since it was featured in many newspapers nationally and internationally, and a news story also appeared in the Family Circle magazine. These stories reached a potential audience of 23.8 million readers.

The *Journal of Natural Products* has been co-published by the American Society of Pharmacognosy and the American Chemical Society since 1996. Since that time, the Journal has expanded by over 30% both in terms of the number of articles and the number of pages published. A Web edition of the Journal has become available, and is increasingly popular among subscribers. The Journal “impact factor” has improved from 1.432 in 1996 to 1.737 in 2001, with the total number of cites in this same time period increasing from 3,634 to 5,665. This is as a result of the collective efforts of Dr. A. Douglas Kinghorn and the Associate Editors who have served the Journal so unstintingly of their time since 1996, namely, **Drs. Alice Clark, Harry Fong, William Gerwick, David Kingston, Richard**

...continued on page 11

Behind The Success Of *JNP*...



Dr. A. Douglas Kinghorn . . .

Professor of Pharmacognosy at the University of Illinois at Chicago, Assistant Head of the Department of Medicinal Chemistry and Pharmacognosy, and Associate Director of the Program for Collaborative Research in the Pharmaceutical Sciences.

Currently, he serves as Principal Investigator of a National Cooperative Natural Products Drug Discovery Group grant (1990-2005), as well as Project Leader in a Program Project on cancer chemopreventive agents (1991-2004), both from NCI.

Doug has served as President of the American Society of Pharmacognosy and the Society for Economic Botany; and is on the Editorial or International Advisory Boards of eight other Scientific Journals.

CONGRATULATIONS - - -

2002 ASP AWARD & GRANT WINNERS

Seventeen researchers – professors & students from USA, Brazil and Singapore were recognized at the 43rd Annual American Society of Pharmacognosy and 3rd Monroe Wall Symposium, July 27-31st, 2002, at New Brunswick, NJ, for their outstanding scientific contributions. The award categories and their winners are listed below:

Research Achievement Award 2002

Professor Richard E Moore

University of Hawaii

Research Starter Grants

Prof. David Rowley, University of Rhode Island

Undergraduate Research Awards

Richard Langfield, University of Massachusetts,
Dartmouth (Gerald Hammond, mentor)

Margaret Andrews, North Carolina State
University (Nicholas Oberlies, RTI, mentor)

Jennifer Ellzey, University of Mississippi
(John Williamson, mentor)

Mauricio Alvarez, Lehman College,
CUNY (Edward Kennelly, mentor)

ASP Student Research Award

Mr. Chen Li, University of Iowa, Iowa

Matt Suffness Award

Dr. Roberto G. S. Berlinck
Universidade de Sao Paulo, Brazil .

Dr. Mark S. Butler
Center for Nat. Product Research, Singapore

The Kilmer Prize

Mr. Jian-qiao Gu, University of Illinois, Chi-
cago, IL (Received the Travel to ASP Confer-
enc & Kilmer Pin)



Two of the awardees with Drs. Pelletier and Keller

Travel Grants for Students

Lynn Brady Travel Awards

Tim Bugni, University of Utah

Tyler Hodges, University of Mississippi

Travel Awards for Graduate Students

Flor Mora, University of Mississippi

Sloan Ayers, Virginia Commonwealth University

Jun Ma, Lehman College, CUNY

Travel Grants for Active Members

Dr. Kerry McPhail, Oregon State University

Nature's Sunshine

Student Travel Award

Andra Vulpanovici, Oregon State University

ASP -- Employment Service

The American Society of Pharmacognosy offers a placement service to aid our members in seeking positions or employees. This service is available to ASP members and is free to both the applicant and the prospective employer. The following services are available:

(1) Prospective employers can have positions posted for free at the ASP Employment site <http://www.phcog.org/positions.html>. The advertisement is typically 300 words or less, and should include appropriate contact information. Ads should be sent to Ed Kennelly as attached files (Microsoft Word is the preferred format). You may also send a logo that can be included in the ad. Ads can often be posted within 2-3 business days.

(2) When the ASP Employment website is updated, members can be notified by e-mail if they so desire.

(3) ASP members can send resumes to Ed Kennelly. Resumes should be 1-4 pages, and should be submitted electronically as attached files either as Microsoft Word document or as a PDF file. Resumes will remain on file for one (1) year, at which time it will be deleted. All information submitted will be held in strict confidence. Resumes will be only be shared with appropriate prospective employers.

(4) ASP Employment Service will share resumes with prospective employers.

To take advantage of any of the above services, please contact:

Edward J. Kennelly, Ph.D.

Department of Biological Sciences

Lehman College

City University of New York

250 Bedford Park Blvd. W.

Bronx, NY 10468

Phone: 718-960-1105; Fax: 718-960-8236

E-mail: kennelly@lehman.cuny.edu

Visit the ASP Job Service website at:
www.phcog.org/employment.html

THANKS JOE BETZ

ASP expresses its appreciation to Dr. Joseph Betz, former Chairman for his outstanding contribution to ASP Job Placement Committee.

THE BEST PLACE TO BE IN JULY 2003...

44th Annual Meeting of ASP Chapel Hill, NC

Sat. July 12 – Wed. July 16, 2003

How many of you remember attending the 25th Annual Meeting of ASP which took place in 1985 on the campus of the University of North Carolina

Now you have a chance to revisit Chapel Hill, NC, next year during the 44th ASP Annual Meeting



THEME:

The Changing Face of Natural Products Chemistry

SCIENTIFIC PROGRAM

Three plenary sessions:

- New Developments in the NCDDG Programs
- Metabolic Profiling and
- New Enabling Technologies for Natural Products Drug Discovery

VENUE:

The Carolina Inn (*right on campus*)

SPONSOR:

Research Triangle Institute &

Co-sponsor: The School of Pharmacy

TRAVEL:

Chapel Hill, NC. [accessed easily via Raleigh-Durham International Airport (RDU)].

EVENT UPDATES & DETAILS:

Visit ASP website at: www.phcog.org

CONTACT:

Nicholas H. Oberlies, Ph.D, Chair (Org. Com)

Research Chemist, Research Triangle Institute,
P.O. Box 12194,

Research Triangle Park, NC 27709-2194.

Tel: 919-541-6958; Email: oberlies@rti.org

43rd Annual Meeting...continued from page 1

took on a more somber note because Dr. Monroe Wall, the co-discoverer of Taxol® and in whose honor the symposium was named, died on July 6th at the age of 85.

The meeting started on Saturday with a “magical” reception in a beautifully decorated Hyatt Regency Grand Ballroom with twinkling lights, exotic aroma of Oriental/Western cuisine, where Professor Koji Nakanishi, Columbia University, mesmerized the audience with his magic tricks.

The Monroe Wall Symposium, *Advances in Drug Discovery from Natural Products*, opened the technical program on Sunday in the Regency Ballroom with invited presentations by Drs. G. R. Pettit, K. H. Lee, Raymond Andersen, Iwao Ojima, John Wood, Raul Enriquez and Ignacio Manzanares. Topics included a summary of the combretastatin story, current developments in design and discovery of new drug candidates, marine natural products, new taxane anticancer agents, novel chemistry inspired by total synthesis studies, an update on the perezone story and synthesis of ecteinascidins.

This was followed in the afternoon by concurrent sessions of contributed oral presentations and then by a poster session in the Brunswick Ballroom. A buffet/reception followed, and the



Dr. Richard Moore (2nd from right) receiving 2002 – ASP Research Achievement Award from Drs. Pelletier, Pandey, and Cardellina II

evening ended with delightful entertainment provided by Mrs. Ramya Ramnarayan of the Nrithyanjali Institute of Dance with her dancers (from New Jersey) and musicians from India.

The symposium continued on Monday under the title, *Nutraceuticals: “A Global View,”* featuring presentations by Drs. Narendra Bhatt, Hameed Khan, Norman Farnsworth, Maurice Iwu, Sam Page and Lester Mitscher.

Highlighted in this session were herbal (*Ayurvedic*) medicines as ancient treatments for disease and their prospects for the future, “Women and Herbals,” the development of new nutraceuticals from plants used in traditional African medicine. Also featured were international health and safety considerations for nutraceutical and related uses and a study of the immunostimulant properties of *Echinacea* constituents. A second poster session followed in the afternoon.

After two full days of outstanding and well-attended technical sessions, the Organizing Committee provided for a boat trip, reception and banquet aboard



Mrs. Marian Wall (center) and family with (L to R) Drs. Farnsworth, Gloer, Narayanan, Pandey, Sharp, Schaffner and Arcamone at the cocktail reception/banquet.

43rd Annual Meeting...continued from facing page

the Cornucopia Princess. The group embarked from Perth Amboy and enjoyed a delightful cruise along the shore of Staten Island and into New York harbor. The view of the Statue of Liberty and the lights of New York City at dusk was most memorable, as were the food, entertainment and camaraderie on board.

The Symposium continued on Tuesday morning with Dr. Federico Arcamone speaking on distamycin and its analogs, and the search for new drugs against infection and cancer. Dr. Eloy Rodriguez then gave a noteworthy presentation entitled, *'In Search of Natural Pleasure: Pharmacognosy of Tropical Viagra Cocktails and Antigastric Cancer Medicine.'* The symposium speakers were followed by a number of oral presentations.

The Wednesday spotlight was on young investigators. The Matt Suffness awards this year were received by Dr. Roberto G. S. Berlinck of Sao Paulo, Brazil, and Dr. Mark S. Butler, of Singapore. Mr. Chen Li, University of Iowa gave the ASP Student Research Award lecture and Mr. Jian-qiao Gu gave the Kilmer Award lecture. These were followed by another series of general oral presentations. The final speaker of the 2002 meeting was the ASP Research Achievement Awardee Dr. Richard E. Moore, whose address was entitled, *'Natural Products Research: A 45-Year Journey.'*

The ASP Business Meeting proceeded smoothly with the many committee reports and transfer of the office of ASP President from Dr. S. W. Pelletier to Dr. William Gerwick. This followed in the evening by the Annual Banquet, well-suited to the theme of the meeting, *Neutraceuticals: "A Global View,"* consisted of a wide selection of dishes prepared in the tradition of India and was superb in all respects.

At the Banquet, sentiments were expressed by the outgoing President of the ASP, Dr. William Pelletier. In his farewell speech, he accurately stated



Members of Organizing Committee and Executive Committee of ASP at the 43rd Annual Meeting. (L to R standing): Drs. Renu Misra (Co-chair), Jim Simon, Bill Gerwick (President), John Beutler (Webmaster), Bob Borris (Co-chair), Ed LaVoie, David Slatkin (Treasurer). (L to R sitting): Bill Keller (Secretary), Bill Pelletier (Outgoing President), Ramesh Pandey (Chair), and Les Mitscher

that he was pleased to see that the Symposium included papers on a wide variety of scientific and technical disciplines (from Ayurveda to LC/MS) which brings Pharmacognosy into the modern age. After dinner Dr. Norman Farnsworth provided some humor, gifts and roasted the past presidents, Drs. S. William Pelletier and John Cardellina II. Dr. Pelletier presented the ASP gavel and a summary of its history and tradition to incoming president Dr. William Gerwick. Dr. Soji Adelaja, Executive Dean, Cook College, Rutgers University, dedicated a room in the Biochemistry and Microbiology Library, in Lipman Hall in the memory of Dr. Monroe E. Wall where all his memorabilia will be displayed.

The attendees were very pleased that Mrs. Marian Wall was not only present at the banquet but gave a brief and fitting tribute to her late husband, Dr. Monroe Wall. Dr. Wall will long be remembered for his kindness, professionalism and his many research accomplishments; not only by those fortunate enough to have known and worked with him personally, but by those who have or will benefit from the results of his research. Mrs. Marian Wall shared her husband's memories and mesmerized the audience.

Drs. Misra and Pandey brought the evening to a close by recognizing and thanking everyone who assisted the organizers in some manner or that had otherwise contributed to the success of this meeting.

A MESSAGE FROM OUR PRESIDENT

Incoming President Bill Gerwick's closing remarks at the ASP Banquet in New Brunswick, NJ on July 31, 2002

I want to begin by expressing my heartfelt thanks to a number of people, for their efforts over this past week, and this past year. We've had yet another superb annual meeting, for this we have to thank Chair Ramesh Pandey, his co-Chairs Renuka Misra and Bob Borris, and the eight additional committee members that helped to organize this meeting. I would also like to thank Bill Pelletier for his many years of service to the Society, and this last year, serving very ably as our President. I would also like to make sure that thanks are given to all the other committees, their chairs, the editorial board, the JNP editors (for which I have a keen new insight of the level of service to the society that this represents!!).

We have a highly vital and vigorous society! The collective productivity, from students taught, papers published, grants written, grants reviewed, policy written, collaborations initiated - this is a society of incredible vigor and energy. We have a growing membership, now at 1167, two thirds from the US and remainder from around the world.

The Society's journal continues to gain greater and greater recognition and respect, serving as the major site for quality publications in the natural products sciences. We are leaders in the realm of international collaborations that have ethical responsibilities to safeguard the intellectual property and natural resource rights of indigenous peoples. We have, in many respects, become stewards of these natural resources, and the high ethical standards of the society's members are evident through this responsible stewardship.

Nevertheless, great challenges are before us. Changes of the profession in the academic, government and industrial setting seem to occur weekly; however, the vitality of our membership is intimately tied to taking on these challenges, to developing innovative solutions through hard work and creativity. New frontiers in natural products



chemistry abound, from new techniques in chromatography and structural analysis to innovative bioassay design, combinatorial biosynthesis and the world of molecular genetics. The traditional academic home of Pharmacognosy, a School of Pharmacy, has changed

and presents us with the challenge of "where will we find our academic home?" Will it be in a Department of Chemistry, a Molecular and Cell Biology department, one of the biological sciences departments, of an Oceanography school? By our inventiveness, we have been able to find appropriate "academic homes" but this will continue to be a challenge for us all.

On the other hand, as well represented at this meeting, the "Botanical Supplements" field is having a huge influence on our society and our profession. In what department will scientific exploration of botanicals occur most effectively?

And so, without wanting to sound overly optimistic, I am very excited about the future of our Society and our profession of natural products chemistry. I look around at this room, reflect on the week, think of the many fine articles published in our journal, and I know that the future has great promise, for we have so many fine young people entering our field, demonstrating that enthusiasm for natural products chemistry that we slightly older folks felt at the outset of our careers.

The scholarship that is represented in this group, in our collective research endeavors, and expressions of this here at this meeting, is truly outstanding. As a field, we sit at the cross roads of organic chemistry, the biological sciences, ecology, pharmacology, biochemistry and molecular genetics,

President's Message ... Contd

and as such, are ideally positioned, strategically and intellectually, to make effective advances in science and biotechnology.

I'm deeply honored to be elected and serve as your president of the ASP this next year. I hope to maintain the high level of efficient management of the society that we have seen under my predecessors, and I will be asking the help of many of you during this coming year to serve on various committees. Through my enthusiasm

and excitement for the field of natural products chemistry, I hope to help our society successfully meet some of the challenges that I know we will face in the coming year. With this, I close our banquet tonight. I wish you a safe journey home, a productive year meeting new challenges in natural products chemistry, and look forward to hearing all about it at next years meeting in North Carolina!

ASP Executive Committee 2002-2003



William H. Gerwick	–	<i>President</i>
S. William Pelletier	–	<i>Immediate Past President</i>
Jon C. Clardy	–	<i>Vice President</i>
William J. Keller	–	<i>Secretary</i>
David J. Slatkin	–	<i>Treasurer</i>
Robert J. Krueger	–	<i>Assistant Treasurer</i>
A. Douglas Kinghorn	–	<i>Editor, J. Nat. Prod.</i>
John A. Beutler	–	<i>Member (2000 - 2003)</i>
Tadeusz Molinski	–	<i>Member (2001 - 2004)</i>
Raymond Andersen	–	<i>Member (2002 - 2005)</i>



GRAND MARSHALS OF ASP ... AT 43rd ANNUAL BANQUET



Presidents: (Standing L to R) Douglas Kinghorn (1990-91), Norman R. Farnsworth (1961-62), Robert P. Borris (1997-98), James Gloer (1999-00), John Cardelina II (2000-01), Lester A. Mitscher (1992-93), Gordon M. Cragg (1998-99); (Sitting L to R) Kenneth L Rinehart, Jr. (1995-96), William Gerwick -- President (2002-03), William Pelletier -- Immediate Past President (2001-02), Yuzuru Shimizu (1987-88), David G.I. Kingston (1988-89), John P.N. Rosazza (1981-82).

MEETINGS

Future ASP Meetings

2003 -

44th Annual ASP Meeting

July 13-16, Chapel Hill, NC

2004 -

International Research
Congress on Natural Products
(Hosted by ASP)

July 31-August 4, Phoenix, AZ

2005 -

46th Annual ASP Meeting

July 23-27, Corvallis, Oregon

2006 -

47th Annual ASP Meeting

Baltimore, Maryland

AAPS Meeting 2002

APS Annual Meeting and Exposition,

November 10-14, Metro Toronto

Convention Center, Toronto, Canada

Other Meetings

January 8-11, 2003 –

Pretoria, South Africa

*“How can Ethnobotany and Ethnopharmacology
bridge the gap between Traditional Knowledge and
Sustainable Development?”*

Website: www.up.ac.za/academic/botany

February 3-7, 2003 –

Chiang Mai, Thailand

*The 3rd World Congress on Medicinal and Aromatic
Plants or Human Welfare (WOCMAP III)*

March 9-12, 2003 – Havana, Cuba

*Second Inter-American Conference on Pharmacy and
Health Sciences (MCPHS)*

Contact: Ana C. Quinones, Ph.d., R.Ph.

Tel: 617-732-2090

Email: aquinones@mcp.edu

**April 6-9, 2003 – Bornheim - Walberberg, Ger-
many**

Phytochemistry and Biology of Lignans.

Contact: Prof. Dr. Maike Petersen,

Email: petersen@mail.uni-marburg.de

Website: www.lignans.de

Contact: Prof. Dr. A.W. Alfermann

Tel: (49) 211-811-4603

Fax: (49) 211-811-1466

Email: alferman@rz.uni-duesseldorf.de

May 13-18, 2003 – Moscow, Russia

100 Years of Chromatography,

*3rd International Symposium on Separations in Bio-
Sciences (SBS '03)*

Contact: Vadim A. Davankov Nesmeyanov

Email: davank@ineos.ac.ru

Announcement - Chem. Int. 23(6), 2001

September 16-18, 2003 – La Paz, Bolivia

2nd International Symposium Ethnobotany

For Program Communications, Participation and Cost

Contact: Ronald Chaves, Head Secretariat

Email: simposio@racsa.co.cr

For Further Information

Visit our Society's Website

at: www.phcog.org

ASP - Research Achievement Award

The American Society of Pharmacognosy selects annually a recipient for the ASP Research Award. Candidates must be members of the Society who have made outstanding contributions to research on natural products. The award consists of an honorarium of \$2,500 and travel expenses to present the award lecture at an annual meeting of the Society.

Previous winners are:

1985 - Koji Nakanishi
 1988 - Heinz G. Flöss
 1989 - Kenneth L. Rinehart, Jr.
 1990 - Monroe E. Wall
 1991 - S. William Pelletier
 1992 - Henry Rapoport
 1993 - A. Ian Scott
 1994 - Paul J. Scheuer
 1995 - George Robert Pettit
 1996 - Meinhart H. Zenk
 1997 - John W. Daly
 1998 - Sidney Hecht
 1999 - David G. I. Kingston
 2000 - C. Richard Hutchinson
 2001 - Tom Mabry
 2002 - Richard Moore
 2003 - (To be announced)

Call for Nominations for 2004

Nominations for the 2004 award are due by **May 15, 2003** to the Chairman of the Research Achievement Award Committee and should consist of a **nominating letter, a curriculum vitae of the candidate, and letters from three individuals** who are familiar with the candidate's scientific accomplishments.

Nomination documents should be submitted in triplicate to:

Dr. David G.I. Kingston

Department of Chemistry,
 M/C 0212

Virginia Polytechnic Institute and State University
 Blacksburg, Virginia 24061

phone: 540-231-6570

FAX: 540-231-7702

Email: DKingston@vt.edu



Newsmaker Award 2002... continued from page 3

Powell, and Fritz Schmitz. Dr. Kinghorn, the Editor-in-Chief of the *Journal of Natural Products*, was also honored with a "Newsmaker 2002" award at the same meeting, for his role in alerting the ACS Office of Communications to the possible newsworthiness of this article.

A particularly exciting new development concerning the Journal is the introduction of two new awards for best papers, honoring two former editors, and funded by the ASP Foundation. The "Arthur E. Schwarting Award" is open to all authors, and was won in 2002 by Prof. Dr. Gerhard Höfle

(corresponding author; *J. Nat. Prod.* **2001**, 64, 847-856). The "Jack L. Beal Award" is open only to younger authors (within 12 years of receiving the Ph.D. degree, and within 10 years of gaining their first independent employment), and was won in 2002 by Dr. Ben Shen (corresponding author; *J. Nat. Prod.* **2001**, 64, 444-449).

Thanks are due to the ASP selection committee composed of Drs. John Cardellina (Chair), Jerry McLaughlin, and Jack Rosazza) for prioritizing the nominations for these awards made by the journal editors.

**ASP CONGRATULATES DOUG AND HIS TEAM FOR THE SUCCESS OF
 JOURNAL OF NATURAL PRODUCTS**

Taxol Discovery ...continued from page 1

The credit for the marker goes to the Taxus Historical Marker Committee of the ASP (ad hoc, July, 2002) – John Beutler (Chair), Tom McCloud, Gordon Cragg, Nick Oberlies, Jim McAlpine, Gregg Dietzmann, Giovanni Appendino, and Michael Tempesta. ASP funded the casting of the plaque.

At the annual ASP meeting held in Seattle in 2000, five members of the committee scouted out the original collection site, which was less than ideal for the marker. With the assistance of the Forest Service, the committee identified a spot that was more suitable, only 20 feet away from a 200-year-old Pacific yew tree.

Present at the unveiling of the marker on August 21, 2002 were Drs. Wani, Beutler, Oberlies and other members of the Taxus Committee, and members of USFS (Photo below) who had helped collect and harvest specimens in the early 1990s when the supply of Taxol® was scarce. A portrait of Dr. Wall was displayed in his memory during the ceremony. Both Dr. Wall, before his death, and Dr. Wani expressed feelings of great honor for the marker. Dr. Wall was pleased that the structure

of Taxol® was included on the plaque. Dr. Wani pointed out that probably few, if any, historical markers exist throughout the United States that include the name of a man who immigrated here from India, where he was born.

Inscribed on the Historical Marker

Discovery of Taxol

Near this location on August 21, 1962, Arthur Barclay and a team of botanists from the U.S. Department of Agriculture collected bark of the Pacific Yew, Taxus brevifolia Nutt. Drs. Monroe Wall and Mansukh Wani, of the Research Triangle Institute, North Carolina, under contract to the U.S. National Cancer Institute, isolated Taxol from that sample. Since 1990 Taxol has been the drug of choice for treatment of ovarian cancer and is widely used in the treatment of breast cancer.

Presented in 2002 by the USDA Forest Service, National Cancer Institute and the American Society of Pharmacognosy on the 40th anniversary of the collection.



Photo Legend: (L to R) Harry Cody (District Ranger, Forest Service), ASP members Leif Abrell, Nick Oberlies, Mansukh Wani, John Beutler, Tom McCloud, Gregg Dietzman, Craig Hopp, and Jack Thorne (Public Services Assistant, Forest Service)

ASP Welcomes New Members

FULL MEMBERS

James E. Simon

*Cook College
Rutgers University
New Brunswick, NJ*

Hoda Eldosougi

*Pharmacy Department
Kings College
London, UK*

Bang Yeon Hwang

*College of Pharmacy
University of Illinois Chi-
cago, IL*

Jia Wang

Richmond, VA

Wudeneh Letchamo

*Herba Medica
New Brunswick, NJ*

Cecil D. Kwong

*Southern Research Institute
Birmingham, AL*

Edmond J. LaVoie

*School of Pharmacy
Rutgers University
Piscataway, NJ*

N. Dwight Camper

*Dept. of Plant Pathology & Physiology
Clemson University
Clemson, SC*

ASSOCIATE MEMBERS

Ms. Sharon Moravec

*University of Sciences
Philadelphia, PA*

Allison Turner

*University of Illinois at
Chicago, Chicago, IL*

Laura Johansmann

*University of MS
Oxford, MS*

Mehmet Senel

*Fatih University
Istanbul, Turkey*

Shalini Sati

*Kumaun University (India)
State College, PA*

**The Society extends a warm
welcome to all our new members.**

**We hope to see you at
44th Annual Meeting of ASP
Chapel Hill, NC
July 12 - 16, 2003**

DID YOU KNOW



That a New Botanical Center funded by NIH is unveiled?

... the National Institute of Environmental Health Sciences (NIEHS) and the Office of Dietary Supplements (ODS) of National Institute of Health (NIH), Bethesda, MD, have approved a 5-year, \$6 Million grant for the establishment of a research center based in Ames, IA, to study two botanical dietary supplements, St. John's Wort (*hypericum*) and Echinacea.

...the new Center for Dietary Supplement Research brings together two strong research institutions: Iowa State Univ. and the Univ. of Iowa.

That NIH has several other centers beside the one at Ames, ...studying Dietary Supplements, including centers at UCLA; the Univ. of Illinois at Chicago; the Univ. of Missouri (Columbia, MO); Purdue Univ. (West Lafayette, IN); Univ. of Alabama, Birmingham; and, the Univ. of Arizona (Tucson, AZ).

That...a remarkable medical breakthrough in the field of "cancer treatment" was unfolded on Thursday, September 19, 2002, by Dr. Steven Rosenberg of NCI which hit the major news media. Dr. Rosenberg and his team successfully treated several cases of advanced and usually fatal melanoma with immune system cells called T4 Killer cells {Tumor Infiltrating Lymphocytes (TIL)} from the patients' tumors, grown *in-vitro* in large quantities and infused back to patients. The success of the treatment lies in the idea that a mixture of lymphocytes (helper and killer cells) were used in the current treatment versus use of only killer cells in the past.

NEW BOOKS RELEASED

Alkaloid Monograph Series, Vol. 15

Alkaloids: Chemical and Biological Perspectives

Editor: **S. William Pelletier**

Inst. for Natural Products and Dept. of Chemistry

The University of Georgia, Athens

Publisher: *Pergamon-Elsevier Science*

Publication Date: 2001, 635 Pages

US \$333.00

ISBN 0-08-044025 8

The Simple Plant Isoquinolines

Authors: **Alexander T. Shulgin**

Wendy E. Perry

Publisher: *Transform Press, Berkeley,*

P.O. Box 13675, Berkely California 94712 USA

Fax: (925) 934-5999 Phone: (925) 934-2675

E-mail: wep6@mindspring.com

Price: US \$40.00, P/H \$4.00(U.S) \$2.90 (Cal. Res)

624 pages; i-xxxv; hard-cover

Contents: An alphabetical listing of the common names of all simple isoquinolines, with immediate access to their structures, the plants that contain them, and a leading reference. All plants mentioned listed alphabetically by Taxon, with the trivial names of compounds contained in each plant and the family classification with listing of all journals that have been cited

Cannabis Therapeutics in HIV/AIDS

Editor: **Ethan Russo, MD**

Montana Neurobehavioral Specialists,

Missoula, Montana

Publisher: *The Howarth Herbal Press and*

The Howarth Integrative Healing Press

Publication Date: 2001, 230 pages with index

Hardcover: US \$69.95 (in UK £48.30)

ISBN: 0-7890-1698-2

Softcover: US \$39.95 (in UK £27.60)

ISBN 0-7890-1699-0

LC# 20011051488

Categories: Pharmaceuticals Science; Herbs and Herbal Medicine; AIDS and HIV

Contents:

- A broad medical overview of the pertinent topics of interest on AIDS and its treatment.
- An insider's view on the twenty-year history of the discovery of AIDS and its junction with cannabis and the medical marijuana political movement.
- Survey studies of clinical cannabis usage from different populations in California.
- A state-of-the-art review of immunological issues in cannabis usage and pulmonary issues with smoked cannabis.
- Data on the method of cannabis vaporization
- Information on standardized sublingual whole-cannabis extracts, rectal suppositories, and aerosol preparations.

IN MEMORY

Dr. Joseph J. Hoffman

University of Arizona,
Natural Products Center, AZ
passed away on March 22, 2002

**ASP expresses
deep condolences to his
family and friends**



The ASP Foundation News

The Board of Directors of the ASP Foundation would like to thank all of our donors for their contributions to the past annual campaign. To our ASP members, we encourage you to respond generously to our solicitation letter, to be mailed from Chairman Cassady later this fall. It is your contributions that enable us to fulfill our obligations to the Society, particularly those directly involving our support of the Society's Grants and Awards Program. This summer at the New Brunswick meeting, we initiated, upon recommendation of a joint JNP/ASP committee, two new awards. One honors Arthur Schwarting and is for the overall best paper in JNP while the other honors Jack Beal and recognizes the best paper from a new investigator in JNP. Both are to be awarded on an annual basis and consist of a \$1000 prize and expenses to attend the ASP meeting, plus a plaque.

They were awarded to Professor Dr. G Höfle, and Dr. Ben Shen, respectfully. If you would like to support these please look for them on this fall's annual campaign's solicitation letter. Again thank you for your support of the ASP Foundation.

Robert Krueger

In a Lighter Vein...



(L-R) Drs Narendra Bhatt (Bio-Ved, Pune, India), Norman Farnsworth (U of I, Chicago, IL) & Ramesh Pandey (Xechem, New Brunswick, NJ)

ASP Members are invited to give a title to this photograph taken at the 43rd Annual Meeting of the American Society of Pharmacognosy at NB/NJ.

The title should be innovative, exciting and appropriate.

Stretch your imagination and send titles by December 1, 2002 to renuasp2002@yahoo.com.

The best three titles will be selected and published in the Winter 2002 issue of the Newsletter.

NEWS FOR RESEARCHERS...

Funding Opportunities

Visit nccam.nih.gov/research for more information on the following and other NCCAM funding opportunities

- Program Announcement (PA-O2-124):** Basic and Preclinical Research on Complementary and Alternative Medicine
Sponsors: NCCAM, the National Cancer Institute, the National Institute of General Medical Sciences, and the National Institute of Mental Health.
- Program Announcement (PA-O2-094):** Ancillary Studies on Control Groups in Clinical Trials. Sponsors NCCAM and the National Institute of Diabetes and Digestive and Kidney Diseases.
- Program Announcement (PA-O2-O72):** Methodology and Measurement in the Behavioral and Social Sciences Sponsor NCCAM and 15 other NIH Offices, Centers, and Institutes.

TO

David J. Slatkin, Ph.D., Treasurer
 The American Society of Pharmacognosy
 P.O. Box 12548
 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 \$35.00 per year. In order to receive the Journal of Natural Products the subscription rates are as follows: United States, Canada, and Mexico: \$86 (Print Edition), \$60 (Web Edition), \$146 (Both Print and Web); All other countries: \$129 (Print edition), \$60 (Web edition), \$189 (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 \$20.00 per year. In order to receive the Journal of Natural Products the subscription rates are as follows: United States, Canada, and Mexico: \$65 (Print Edition), \$60 (Web Edition), \$125 (Both Print and Web); All other countries: \$108 (Print Edition), \$60 (Web Edition), \$168 (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 Institutes of Health, Maryland • 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. Paul J. Scheuer, University of Hawaii
 Dr. E. John Staba, University of Minnesota • Dr. Hildebert Wagner, University of Munich
 Dr. Mansukh Wani, Research Triangle Institute, NC

Additional information about membership may be obtained by writing to the Treasurer of the Society:

David J. Slatkin, Ph.D., Treasurer, The American Society of Pharmacognosy,
 PO Box 12548, Glendale, AZ 85318-2548

ASP Newsletter

Renuka Misra, Ph.D, Editor

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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