The American Society of Pharmacognosy

NEWSLETTER
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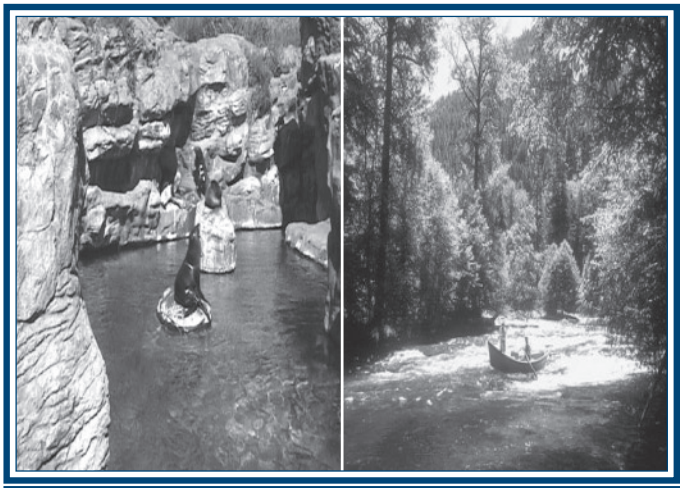
WINTER
2004

Corvallis, Oregon To Host 46th Annual ASP Meeting... July 23-27, 2005

Frontiers in Bioorganic & Natural Products

The Scientific and Local Organizing Committees, along with the sponsoring Oregon State University College of Pharmacy, are looking forward to hosting the American Society of Pharmacognosy (ASP) annual meeting in Corvallis, Oregon on July 23-27, 2005.

Corvallis is nestled in the heart of Oregon's Willamette Valley, on a beautiful plateau, one and a half miles wide, entirely above high water...



Coast Aquarium Newport & Oregon Valley

Continued on page 3...

You Must Be In It To Win It...
Details on pages 8 -12

The Name Of Our Society...

ASP Under Name Change Debate!

Golden Jubilee Celebrations
(1959-2009)

Sheraton Waikiki
Honolulu, Hawaii
(June 27-July 1, 2009)

At a recent Executive Committee meeting of ASP, a proposal to consider changing the name of the society was taken under advisement. In a very limited discussion it became apparent that this topic was going to engender very strong emotions in several members of the society.

It was recommended that before acting on this proposal, it is prudent to try to assess the opinion of the members. In order to do so, four very senior members of the Society were requested, acting in teams of two, to put together, anonymously, concise

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HAPPY NEW YEAR

Editor's Corner

Dear Friends,

Season's Greetings!

Welcome to the final issue of this year's ASP Newsletter. It has been quite an eventful year for all of us. This year was highlighted by an overwhelming success of the ICNPR –2004 in Phoenix, AZ. The ASP Foundation, through a successful fund-raising campaign, raised a good sum of money and offered well deserved awards & grants to over forty scientists at the Congress. A new award, the D. John Faulkner Travel Award, was also established. Many scientific developments were brought to light and efforts for revival of the discipline of pharmacognosy were made through organizing a satellite symposium titled "Classical Pharmacognosy Forum: The Critical Need for Pharmacognosy in Pharmacy Curriculum."

I express my heartfelt thanks to all readers and contributors. Without their useful comments and timely submission of news articles, it would not have been possible for me to present to you this Newsletter in current shape and form. I especially acknowledge Drs. Doug Kinghorn, Tawnya McKee, Bob Krueger, John Porter and John Buetler. I am equally grateful for the compliments and encouragement received from Drs. David Slatkin & Jon Clardy at the ASP Executive Board meeting and throughout the year.

Recently, in the Natural Products / Herbal industry, a dietary supplement, "Omega 3 fatty acids" has hit the headlines in the news media. FDA now allows Omega 3 fatty acids content to be labeled as "qualified health claim" in conventional foods. However, FDA does not specify the "minimum" amount of Omega 3 needed to qualify for this claim, though it cautions that the amount of Omega 3 should not exceed a certain (but unspecified) limit.

In this issue, we are including useful information about ASP Awards & Grants - 2005. I hope scientific professionals will avail themselves by competing for these awards & grants. We look forward to our next annual meeting that will be held in Corvallis, Oregon in 2005. Please see the details inside and mark your calenders. There we hope to meet and interact with professional colleagues, friends and other scientific professionals to share insights and new developments in the world of pharmacognosy and natural products research.

We always love to hear from you. This newsletter is our vehicle for mutual communication. It is also our "virtual" community. Please continue sending your feedback and news about your achievements, recognition and awards.

As we enter into the year 2005, let us resolve that we will make ASP more resourceful and valuable than ever before.

Wishing you a joyous and productive new year 2005!

Renuka

...continued from page 1

Corvallis, Oregon to Host 46th Annual ASP Meeting (July 23 - 27, 2005)

❒ Theme ... Frontiers In Bioorganic And Natural Products Chemistry

Hilton Garden Inn... Main venue for the ASP 2005 Meeting

Among other hightlights of the Congress, it would be a great experience to see the Coastal Range of mountains which divides the Willamette Valley from the Pacific Ocean.

❒ VENUE & ACCOMMODATION:

Main venue of the meeting is the Hilton Garden Inn. Accommodations are planned at the Hilton Garden Inn, the Holiday Inn Express, the newly constructed OSU dormitory, many other hotels, motels, Bed and Breakfast Inns, and campgrounds in and around Corvallis.

❒ SCIENTIFIC HIGHLIGHTS:

A series of 'frontier' topics in the natural products sciences for five symposia which represent areas of general interest to the society's members have been planned. These include biosynthesis, structural characterization, pharmacology, metabolic engineering, and synthesis of marine, microbial and terrestrial natural products besides various ASP award addresses, the contributed oral sessions, and poster sessions.

Five Symposia & Their Organizers ...

1. Contemporary Approaches in Natural Products Biosynthesis (Mahmud/Zabriskie)
2. Chem. & Pharm. of Marine Nat. Prod. (Gerwick/McPhail)
3. Metabolic Eng. of Nat. Products in Plants (Stevens/Proteau)
4. Synthesis in the Dev. of Natural Products (Horne/Molinski)
5. Natural Products Chem. of Microorganism-Host Interactions (McPhail/Zabriskie)

❒ MEETING, REGISTRATION & HOUSING UPDATES:

Visit ASP web site ... www.phcog.org

❒ SOCIAL EVENTS:

Four nights of organized entertainment & food... The saturday night opening reception, sunday night Oregon Coast Aquarium dinner and viewing, a local winery and salmon bake (Tyee Winery), and our final ASP banquet on wednesday night have been arranged .

❒ CONTACT:

Bill Gerwick (Overall Meeting Chair)

Tel: (541) 737-5801; Fax:(541) 737-3999

Email: bill.gerwick@oregonstate.edu

The Am. Society of Pharmacognosy ....

A Executive Committee

James McAlpine	--	President
Jon Clardy	--	Immediate Past President
William Fenical	--	Vice President
William J. Keller	--	Secretary
David J. Slatkin	--	Treasurer
Robert J. Krueger	--	Assistant Treasurer
A. Douglas Kinghorn	--	Editor, J. Nat. Prod.
Ching-Jer Chang	--	Member (2004-2007)
Raymond Andersen	--	Member (2002-2005)
Bill Baker	--	Member (2003-2006)

B Standing Committees

Nominating Committee

Jon Clardy, Chair
Govind Kapadia
Jim McChesney

Membership Committee

William Fenical, Chair (Ex officio)
Diane Swaffar (year 1 of 3)
Cindy Angerhofer (year 2 of 3)

Honorary Membership Committee

John Cardellina II Chair (year 3of 3)
Amy Wright (year 2 of 3)
Bob Borris (year 1 of 3)

Constitution & Bylaws Committee

Nicholas Oberlies Chair (year 1 of 3)
Pedro Chavez, (year 3 of 3)
Denise Manker (year 2 of 3)

Tellers Committee

William J. Keller, Chair
Xiaolan Kou
Tad Turgeon

Publications Committee

A. Doug. Kinghorn, Chair (year 2 of 5)
William Gerwick (year 4 of 5)
Richard G. Powell (year 5 of 5)
Alice M. Clark (year 2 of 5)
David J. Slatkin (ex officio)

Publicity Committee

John A. Beutler, Chair (year 2 of 3)
Renuka Misra (year 3 of 3)
Nick Oberlies (year 2 of 3)
David J. Slatkin (ex officio)

Awards & Funds Committee

Tawnya McKee, Chair (year 3 of 5)
Susan Sennett (year 4 of 5)
Dale Nagle (year 3 of 5)
Bill Gamble (year 1 of 5)
Melissa Wagenaar (year 2 of 5)

Res. Achievement Award Committee

Jim Gloer, Chair (year 3 of 3)
Sheo Singh (year 1 of 3)
Raymond Andersen (year 2 of 3)

.... Committees for the year 2004 - 2005

2005-Meeting Organizing Committee

Local

George Constantine, Chair
William Gerwick
Taifo Mahmud
Kery McPhail

Scientific

William Gerwick, Chair
David Horne
Taifo Mahmud
Tad Molinski
Phol Proteau
Fred Stevens
Mark Zabriskie

ASP Foundation Board of Directors

John M. Cassady..... Chair
Pedro Chavez..... *Secretary*
Robert J. Krueger..... *Treasurer*
David Slatkin..... *ex officio*
Robert P. Borris..... *at large*
William Gerwick..... *at large*
Charles D. Hufford..... *at large*
John H. Cardellina..... *at large*
Jon Clardy..... *at large*

Ad Hoc Committees

Art Schwarting and Jack Beal Award Committee

Jack Rosazza, Chair
Yuzuru Shimizu
Ben Shen

ASP Job Service Committee

Edward J. Kennelly, Chair
Daniel A. Benigni
Louis R. Barrows

Auditing Committee

Norman Farnsworth, Chair
Guido F. Pauli
Haryy Fong

Resolutions Committee

Pedro Chavez, Chair
Bradley S. Moore
James B. Gloer

Pharmanex/ Tyler Prize Sel. Com.

John H.Cardellina II, Chair
James Gloer
Gordon Cragg

Society Fellow Committee

Eric Schmidt, Chair
Nick Oberlies
Sheo Singh
Cedric J. Pearce

ASP Newsletter Committee

Renuka Misra, Editor
Hemantha Jillella
Prinston (Jerry) Samuel
John Porter

ASP Web Site Committee

John Porter, Chair
Charles D. Hufford
Renuka Misra

Younger Members Committee

Scott Baggett, Chair
Dean Gray
Katherine Maloney
Allison Turner

50th Anniversary Committee

Roy K. Okuda, Chair
Nick Oberlies
Gordon Cragg
Norman Farnsworth

Regional Sections Committee

Roy Okuda, Chair
Michael S. Tempesta
Ray Cooper
Tadeusz F. Molinski
Russell J. Molyneux

The Name of Our Society...

....continued from page 1

...outlines of the cases both for, and against, a name change. ***Outlines submitted are...***

♦ The Case for a Name Change...

"The American Society for Natural Products"

The scientific interests of our Society are defined by its members. We are collectively engaged in many aspects of the natural products sciences, including screening for biological activity, pharmacological characterization, isolation of active constituents, structure elucidation, chemical synthesis, biosynthesis, and chemical ecology. The talks and posters at our annual meeting reflect all of these interests. While our members publish in many scholarly journals, our Society's own publication, the Journal of Natural Products, is a favored outlet for our scientific endeavors. We are a society of natural product scientists!

In the late 1950's, the founders of our Society had a tremendous vision to provide an intellectual and social outlet for a growing cadre of natural product scientists in the US. This vision emerged in a Pharmacy School and was given a name in common use in this setting and at that time, the American Society of Pharmacognosy. However, the term 'pharmacognosy' has largely fallen from use, and all but two Pharmacy Schools have eliminated departments with this name. Consequently, most scientists, not to mention laypeople, do not know what the term means, and are uncertain who we are and what our science focuses on. This lack of familiarity negatively impacts our society and its members.

It is particularly important to the future of both our society and our discipline that we remain contemporary, vital, and attractive to the best and brightest young students coming through the educational system. Does our current name, the American Society of Pharmacognosy, accurately and positively reflect on the members, their interests and their professional activities? We believe the society embraces a much wider group of scientists than the current name suggests, and that their interests are more appropriately described and the society better understood with a name change to the American Society for Natural Products (ASNP).

♦ The Case against a Name Change...

"The American Society of Pharmacognosy"

What's in a name? In this case, the name of the Society conveys history, unity, and vision.

The American Society of Pharmacognosy (ASP) was formed in Chicago 45 years ago with about 50 founding members. These members were primarily academic pharmacognosists and a few pharmacognosists from industry. The Society now numbers more than 1,100 members with an extremely rich and diverse membership in terms of scientific interests, ranging from botany to molecular biology, and representing the academic, government, and industry sectors. Clearly, the growth of the Society has been based on a culture of inclusiveness and common scientific interests.

The Society provides a forum for interaction among a variety of scientists who are all interested in the science of natural products, whether isolation and structure elucidation, synthetic chemistry, molecular biology, pharmacology, analytical chemistry, biosynthesis, microbiology, or a whole host of other areas. If one can accept the definition of Pharmacognosy as a highly interdisciplinary science that includes the study of the physical, chemical, biochemical and biological properties of drugs, drug substances, or potential drugs or drug substances of natural origin as well as the search for new drugs from natural sources, then surely all current members fit under the "tent" of Pharmacognosy.

The fact that the ASP has grown so substantially in the past 40 years is, perhaps, the strongest argument in favor of retaining its name. It does provide an inclusive umbrella for scientists of all disciplines that are united in common interests.

When it began in 1959, the ASP had no journal and only $50.00 in the treasury. Now we have the Journal of Natural Products, which most probably is the premier journal in the interdisciplinary area of natural products research (Pharmacognosy) and an extremely fiscally sound Society and Foundation. The ever-increasing distinction of our annual meetings, in terms of attendance, content, and quality, attests to the viability of the ASP. In any assessment, the ASP has risen to its current state of excellence by bringing together scientists from diverse educational and research backgrounds. It has done so with extraordinary success, and most relevant to this debate, with its original name.

"It does provide an inclusive umbrella for scientists of all disciplines that are united in common interests"....

There is neither a rational need nor compelling reason for a name change. The founders and members of the Society who have worked diligently over the past 45 years to cultivate "Pharmacognosy" have done so with a vision for the broadest interpretation of the term - and have clearly succeeded. Further, there is no reason to doubt that the ASP, under its present name, will continue to grow and thrive into the future. Is there evidence that Society's success and future growth will suffer unless it changes its name? On the contrary, all evidence to date would suggest otherwise.

In summary, there is no need to change the name of the American Society of Pharmacognosy. The continued success of the Society will depend on the same factors that have been important in its success to date - an active, loyal membership, contemporary and relevant programming and products, and committed visionary leadership

The American Society of Pharmacognosy

What is pharmacognosy?

"Pharmacognosy" derives from two Greek words, "pharmakon" or drug, and "gnosis" or knowledge. Like many contemporary fields of science, Pharmacognosy has undergone significant change in recent years and today represents a highly interdisciplinary science which is one of five major areas of pharmaceutical education.

Its scope includes the study of the physical, chemical, biochemical and biological properties of drugs, drug substances, or potential drugs or drug substances of natural origin as well as the search for new drugs from natural sources. Research problems in pharmacognosy include studies in the areas of phytochemistry, microbial chemistry, biosynthesis, biotransformation, chemotaxonomy, and other biological and chemical sciences.

Any such change in the name would involve a change in the constitution of the society and very appropriately this is not a simple process. A constitutional change requires a proposal submitted to the Executive Committee two months prior to the Annual General Meeting(AGM), approval by the Executive Committee, then approval at the AGM each by a simple majority and finally approval via a mail ballot to all members by 2/3 of those voting in the mail ballot.

Dr. Bill Keller(secretary), has been requested to include in the next ballot for election of officers a separate **plebiscite sheet**, which will simply ask if you are in favor of ASP **taking up this question**. Voting in favor of taking up this question in no way obligates you to vote either way, should a motion to change the constitution be drafted and pass the Executive Committee and the AGM.

Please read the arguments above carefully, discuss them with your colleagues and be willing to offer some guidance to your Executive Committee. For more information or to pass on your comments prior to the plebiscite please contact any member of the Executive Committee. For email, telephone & addresses visit...

http:// www.phcog.org

❄ CALL FOR APPLICATIONS FOR . . .

Each year ASP gives various awards and grants to active ASP members who are students, researchers or young professionals in the natural products area. These awards and grants are intended to stimulate interest in all phases of natural products research. The American Society of Pharmacognosy is offering the following awards and grants for the year 2005:

A Awards & Grants for Students...

1. Student Research Award
2. Undergraduate Res. Award
3. The Kilmer Prize
4. Travel Grants for Students
5. ASP Student Poster Award

B Awards and Grants for Active Members...

1. Research Starter Grants
2. Travel Grants for Active Members
3. D. John Faulkner Travel Award
4. Matt Suffness (Young Investigators Symposium) Award

C Other Sponsored Awards

The Pharmanex /Tyler Prize...p.12

D ASP Research Achievement Award... p.12

A Awards & Grants for Students

1. Student Research Award

ASP Student Research Awards are designed to recognize outstanding research in the general area of natural products. The competition is open to all graduate and undergraduate students working with a member of the ASP. Students should submit cover letter that includes contact information including email address and a research paper describing his/her own work in the area of natural products. The research paper should conform in general to the format of the *Journal of Natural Products*. Up to two awards will be made in any year.

The award will consist of a $500 cash gift and all expenses paid to present the paper at the annual meeting of the ASP (restricted to meetings held in continental North America). If applicants for the Student Research Award provide the required certification letter from the student's Dean or Registrar, they will be considered automatically for the Kilmer Prize (see page 9).

2. Undergraduate Research Award

The ASP Undergraduate Research Awards consists of a stipend of $2,000 to the student and $500 to the advisor to help defray the costs of the research. There are no limitations on the type of research to be conducted other than that it should be in the area of natural products. Applications should be submitted via email if possible. However, submissions by mail, if received by the deadline will also be accepted. Applications for the Undergraduate Research Award consists of the following:

• An outline of the research to be conducted, written by the student applicant. This should include a statement of the problem and the goal(s) of the research, and a brief discussion of the methodology. This outline, with pertinent references, should not be longer than four double-spaced, typed pages.

• A transcript of all college work attempted.

• A curriculum vitae, including contact information and email address.

• A letter of agreement by the faculty advisor (a member of the American Society of Pharmacognosy) for the project, indicating a willingness to supervise the project, and provide the facilities and equipment for the conduct of the project. The letter should also include a statement about the student's academic performance and suitability to perform the work proposed.

Although not an absolute condition of the awards, students selected are highly encouraged to submit results of their research for presentation at an annual meeting of the ASP. Funds, as available, will be offered to these Award winners to help support their travel and other costs

. . . ASP AWARDS & GRANTS - 2005 ❄

associated with attendance at the annual meeting.

3. The Kilmer Prize

The Kilmer Prize was established in 1935 by the American Pharmacists Association (APhA, originally American Pharmaceutical Association) in honor of Dr. Frederick Barnett Kilmer who served as the scientific director of the laboratories of Johnson & Johnson for 45 years beginning in 1888. Dr. Kilmer was a key player in Johnson & Johnson's promotion of antiseptic methods in hospital settings. He was a prolific and respected authority on scientific and medical topics and influenced the acceptance of these novel procedures and methods through his articles in the Johnson & Johnson magazines, including "Red Cross Notes" and "The Red Cross Messenger." Dr. Kilmer is also credited with the development of Johnson's Baby Powder, still one of the most trusted products in the world.

The prize is administered and supported jointly by the American Pharmaceutical Association (APhA) and the ASP. Both undergraduate and graduate students in schools or colleges of pharmacy are eligible for this award, which has no society membership requirements on either the applicant or their supervisor. All applicants should submit:

♦ A cover letter including contact information and email address:

♦ A research paper describing his/her own work in the area of natural products. The research paper should conform in general to the format of the *Journal of Natural Products*.

♦ A letter certifying status from the university registrar or graduate dean.

Applicants for Student Research Awards who are students in schools or colleges of pharmacy will automatically be considered for the Kilmer Prize and should not submit a separate application, but should submit the required status documents

The Kilmer Prize consists of a gold key, suitably inscribed, bearing the likeness of Dr. Kilmer. 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 American Society of Pharmacognosy will also provide up to $300 for the named recipient to help offset the costs associated with attendance at the annual ASP meeting.

4. Travel Grants for Students

✦ General Travel Grants for Graduate Students

Graduate students under the supervision of a Society member are also eligible for a **travel grant of $300 to $600 to help** enable them to attend a Society meeting and present a paper. Application can be made by submission of a short (1-3 pages) synopsis of the work to be presented, a curriculum vitae, contact information including email address and a letter of justification/recommendation from the advisor. All awards are contingent on the acceptance of the paper for presentation by the Scientific Program Committee.

✦ Lynn Brady Student Travel Award

The Lynn Brady Travel Awards are given to graduate students to help defray the costs of travel to the annual ASP meeting, and to honor the life and work of Dr. Lynn R. Brady. Dr. Brady was a founding member of the ASP and served as the Society's eleventh President in 1970-1971. He received a B.S. in Pharmacy and M.S. in Pharmacognosy at the University of Nebraska-Lincoln and a Ph.D. in Pharmacognosy from the University of Washington under the direction of Dr. Varro E. Tyler. He spent his career at University of Washington, first as Professor and later as the Director of Pharmaceutical Sciences and Associate Dean for Academic and Student Programs.

He had a special interest in poisonous plants and toxic mushrooms and was known for taking students on mushroom collecting hikes. Dr. Brady and his wife Gerry will be remembered for their dedication to both undergraduates and graduate students. Dr. Brady consistently reminded the ASP Leadership that for it to survive in the long run, the Society must support and encourage its student members, and that senior members have an obligation to mentor the younger members of the Society.

The award was originally endowed by his wife as a tribute to her husband's dedication to the Society and its students. **Two awards of up to $600 are given each year to students for travel to the ASP annual meeting.** Application for this award can be made by submission of a short (1-3 pages) synopsis of the work to be presented, a curriculum vitae and a letter of justification/recommendation from the advisor. All awards are contingent on the acceptance of the paper for

presentation by the Scientific Program Committee.

5. ASP Student Poster Awards

ASP Student Poster Awards are designed to recognize outstanding research in the general area of natural products. The competition is open to all graduate and undergraduate students presenting posters at the annual ASP meeting. The poster should describe the applicant's research results. The applicant must attend the meeting and be the primary presenter and available at the poster to answer questions during the poster session.

When submitting poster abstracts to the local scientific program committee, applicants must designate on the abstract form their interest in having their poster included in the poster competition. In addition, a copy of the poster abstract must also be submitted simultaneously to the Awards and Funds Committee.

The posters will be judged on the basis of a) content (significance of results), b) organization/lay-out, and c) presentation (effectiveness and question answering) by an ad hoc committee of senior ASP members, appointed by the ASP president. Up to five awards will be made at any one annual meeting. **The awards will consist of a $150 cash gift and a ticket to the meeting banquet.**

B Awards and Grants for Active Members

1. Research Starter Grants

ASP small research grants from **$2000 to $5000** are available for active members in the first eight years after earning their Ph.D. and in the first five years of their first independent career position. These are one-time awards and do not provide indirect costs. They are awarded preferentially to applicants who have not yet received major external funding. Applicants should submit a research proposal of no more than four double-spaced, typed pages. A budget should accompany the proposal and the investigator should also provide a statement of his/her current funding. A curriculum vitae of the investigator must be included with the proposal and budget

2. Travel Grants for Active Members

Travel grants are available to enable active members who are within the first five years of earning their Ph.D. to travel to an American Society of Pharmacognosy meeting and present the results of their research. **These awards of $300 to $600 are made on a competitive basis.** Application can be made by submission of a short (2-3 pages) synopsis of the work to be presented, a curriculum vitae and a letter of justification for the request. All awards are contingent on the acceptance of the paper for presentation by the Scientific Program Committee.

3. D. John Faulkner Travel Award

The D. John Faulkner Award is available to active members of the ASP who are within five years of their first independent appointment, to support their attendance at the ASP Annual Meeting. Born in Bournemouth, England, John received his BSc in Organic Chemistry with first class honors (1962) and his PhD in Organic Chemistry (1965) from Imperial College, London under the guidance of Sir Derek Barton. John held postdoctoral fellowships with Professor R. B. Woodward at Harvard University and Professor William S. Johnson at Stanford University. At the age of 26, John was appointed as an Assistant Professor at Scripps Institution of Oceanography, University of California, San Diego, where he remained on the faculty until his untimely death in 2002.

John was a pioneer in marine natural product chemistry and played a central role in developing the field of marine chemical ecology. He and his students discovered more than 300 novel compounds, many with complicated and unprecedented structures. John was a keen collaborator: these cooperative efforts resulted in significant findings about the role of natural products in basic cellular processes. John is perhaps best known for his 18 reviews of the marine natural product literature that are indispensable references for organic chemistry.

The American Society of Pharmacognosy honored John's lifetime contributions to the study of natural products with the ASP Research Achievement Award in 2003. In tribute to John's dedication as a mentor, the D. John Faulkner Award has been established to provide opportunity for a young investigator to attend an annual ASP meeting. Meryl Faulkner, John's widow, initiated endowment of this award with the funds received from John's ASP Research Achievement Award that she accepted on his behalf.

The award consists of an engraved plaque and $1000 to assist the recipient to travel to an ASP annual meeting and present the results of their research. Applicants for the Travel Grant for Active Members who meet the selection criteria will automatically be considered for this award and need not submit a separate application but should include the initial date of their appointment and social security number in their letter.

All awards are contingent on the acceptance of the paper for presentation by the Scientific Program Committee. Application for this award may be made by submission of a short (2-3 pages) synopsis of the work to be presented, a curriculum vitae which includes your social security number, and a letter of justification for the request.

4. Matt Suffness (Young Investigators Symposium) Award

The Matt Suffness Award, is intended to recognize the contributions of younger natural product scientists, and to provide a special, timely forum for them to present results from their research at the annual ASP meeting. **The Award also recognizes and honors the memory of Dr. Matt Suffness.** Dr. Suffness served as the Society's President in 1989-1990, during which time he initiated the "Young Investigator's Symposium" which now bears his name. Born in Staten Island, N.Y., Dr. Suffness received his B.S. degree in Pharmacy from Howard University and a Ph.D. in Pharmaceutical Chemistry from the University of Wisconsin under the mentorship of the late natural products authority, Dr. S. Morris Kupchan. In 1970-71, he did postdoctoral work at Stanford University with Prof. E.E. Van Tamelen.

After beginning his career as an Assistant, then Associate Professor at Ohio Northern University, Dr. Suffness joined the Natural Products Branch in the Developmental Therapeutics Program of the National Cancer Institute in 1976. In 1981 he became chief of the Natural Products Branch and was responsible for the major collection contracts that were initiated by the NCI. He also served as the first coordinator for the National Cooperative Natural Product Drug Discovery Group Program. He is best known for his commitment to the development of taxol as an anticancer drug. He edited the book entitled *Taxol—Science and Applications,* which was published shortly before his death in 1995. Friends and colleagues remember his tireless support of natural product research, his efforts to facilitate multidisciplinary research efforts and his accessibility and sound advice.

He was particularly helpful to younger investigators trying to establish a successful research program and career. The Awards and Funds Committee has been charged with the selection of speakers according to the following procedure and criteria:

1. The number of speakers per year shall be limited to two, but may be one or none if suitable nominations are not received in a particular year.

2. Nominees must be ASP members.

3. Nominees shall be within 12 years of receiving their Ph.D., and within 10 years of gaining their first independent position (e.g., Assistant Professor or equivalent position in industry or government).

4. A nomination must be accompanied by the nominee's CV, an abstract of the presentation proposed by the nominee, and relevant reprints (maximum of 4). Selected speakers will be invited to submit a short review paper to the *Journal of Natural Products*.

5. Nominations will be solicited in the Newsletter, on the Website, and from recipients of the Research Achievement Award. Any current member of the ASP may submit nominations, however, self-nominations will not be accepted.

6. The Awards and Funds Committee must keep in close contact with the appropriate ASP meeting Scientific Program Committee.

7. The deadline for nominations for this award is March 31st of each year.

The Matt Suffness Award consists of complimentary Registration at the annual meeting of the ASP plus up to $1,000 (divided equally among recipients) to help offset the costs associated with travel and attendance at the conference.

All award applications are due by March 31st. of each year unless otherwise specified

Applications should be submitted via email if possible, however, submissions by mail, if received by the deadline, will also be accepted. If submitting an application by mail, please include a self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the paper and name of the applicant. **This postcard will serve as notification of receipt of the application.** Applications submitted electronically will receive a confirmation of receipt by email.

Where do I Apply?

Applications for the student and member grants and awards can be sent to:

Tawnya C. McKee
17500 Taunton Dr.
Gaithersburg, MD 20877-1144
Phone: (301) 846-1943; Fax: (301) 846-6177
E-Mail: mckalexand@aol.com

C Other Sponsored Awards...Pharmanex/Tyler Prize

• **Purpose:** To recognize an individual who has made outstanding scientific contributions to the broad field of dietary supplements, with special emphasis on botanicals. The contributions should be in an area of phytochemistry, pharmacognosy, or pharmacology. Notable contributions to botanical studies outside these primary areas of emphasis, including, for example, clinical investigations, may also be eligible for consideration.

• **Prize:** The Pharmanex **Prize consists of a suitably inscribed plaque, a monetary prize ($5000), and travel expenses to the meeting where the award is given.**

• **Selection** is made by a committee appointed by the President of the ASP, consisting of a Chair, immediate past President of the Society, and Chair of the Awards and Funds Committee.

• **Eligibility and Mechanism:** The Pharmanex Prize will be awarded either at the annual or an interim meeting of the ASP. Recipients must be present in person to receive it.

• **Applications/nominations:** 3 copies for the Pharmanex Prize must be received by the chairman of the Prize Committee at least two months prior to the meeting at which the award is scheduled. No special form is required, but the application should include a letter outlining the candidate's significant contributions to the field and a detailed curriculum vitae of the nominee, including a complete listing of publications. Reprints of 2-3 significant papers may be included. Other types of supporting documents that may be listed are books, unpublished speeches, patents, and the like. Up to two supporting letters may also be submitted on behalf of a candidate/nominee.

NOMINATION PROCEDURE

3 copies of completed nominations should be sent to:

JOHN H. CARDELLINA II,

Bldg 440, NCI at Frederick, Frederick, MD 21702

Phone 301-846-1121; Email: jcardellina@ncifcrf.gov

Submissions must reach the chairman no later than March 31, 2005.

Applications will not be returned. On request, the Committee will hold unsuccessful submissions for reconsideration in future years.

Note:

1. ***ASP Membership is not a requirement for consideration, nor is eligibility restricted on the basis of nationality.***
2. ***The Pharmanex Prize is administered separately***

D ASP Research Achievement Award - 2006

The American Society of Pharmacognosy selects annually a recipient for the ASP Research Achievement 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. Floss
1989 - Kenneth L. Rinehart, Jr.
1990 - Monroe E. Wall
1991 - (Late) S. William Pelletier
1992 - (Late) 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 - (Late) D. John Faulkner
2004 - Jon C. Clardy

Call for Nominations for 2006

Nominations for the 2006 Award are due by **May 15, 2005**. Nominations may be sent 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. James Gloer
Department of Chemistry
University of Iowa
Iowa City, Iowa 52442
Phone: 319-335-1361
Fax: 319-335-1270
james-gloer@uiowa.edu

MEETINGS

A Future ASP Meetings

2005 -
46th Annual ASP Meeting
July 23-27, **Corvallis, Oregon**

2006 -
47th Annual ASP Meeting
July 22-26, **Crystal City, Virginia**

2007 -
To be Announced...

2008 -
International Congress in Athens, Greece
Dates to be Announced

2009 -
ASP 50th Anniversary.. Golden Jubilee
June 27- July 1, **Honolulu, Hawaii**

B Other Meetings of Interest

April 20-22, 2005 -- San Francisco, CA

Mastering Medicinal Chemistry: Applying Organic Chemistry to Biological Problems

For more details contact:

Cambridge Healthtech Institute
1037 Chestnut St., Newton Upper Falls, MA 02464
Ph: 617-630-1300 ; Fax: 617-630-1325
www.healthtech.com

Dec 15 - 20, 2005 -- Honolulu, Hawaii

PACIFICHEM...2005

Six Natural Products-related symposia including Medicinal plants, Natural Products Biosynthesis, Marine Microbial Products, Marine Natural Products, Marine Toxins, Natural Product Synthesis

For more information
Visit: **www.pacifichem.org**

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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**

DID YOU KNOW ?

❒ **That...Qualified Health Claim for Omega 3's Extended?**

...The FDA in early September finally approved a qualified health claim for a reduced risk of coronary heart disease (CHD) on conventional foods that contain eiscosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) omega 3 fatty acids. This was done according to the agency, to improve consumers' understanding of the health benefits of omega 3 fatty acids in oily fish such as salmon, lake trout, tuna and herring. FDA said while these fatty acids are not essential to the diet, scientific evidence indicates that they may be beneficial in reducing CHD. Also FDA intends to exercise its enforcement discretion with respect to the following qualified health claim: "Supportive but not conclusive research shows that consumption of EPA and DHA omega 3 fatty acids may reduce the risk of coronary heart disease.

❒ **That...A new plant sterol-based ingredient that has added minerals to benefit both health and reduce blood pressure has gained regulatory approval for use on the European market?**

...The ingredient and technology, called MultiBene, is also thought to be the first phytosterol ingredient approved for use in meat products. The MultiBene technology combines plant sterols and one or more minerals, such as calcium, potassium and/or magnesium, in various food items. The composition has worldwide patent protection.

❒ **That...Researchers Study on Prescription & Dietary Supplement Combination?**

...Harvard Medical School researchers are conducting a study that combines SAM-e with prescription antidepressants for patients with partial or no response to a standard course of prescription drug anti-depressant treatments. The study, which is the first of its kind, was recently started at Massachusetts General Hospital, Boston, MA, and will combine SAM-e with prescription drugs such as Prozac, Paxil, Effexor, Celexa and Zoloft among patients with major depressive disorder.

News For Researchers

❒ NCCAM Expands Research Programs

The National Center for Complementary and Alternative Medicine (NCCAM) announced six major awards in October, widening the scope of its research programs with more than $5.7 millions in new funding.

NCCAM will use the awards to establish three Centers of Excellence for Research on complemetary and alternative medicine (CAM), which provide five years of financial support for reseachers at major universities, and three Developmental Centers for Research on CAM, which provide three years of funding.

The new centers will focus on a variety of areas, including osteopathy, mind-body medicine, dietary supplements, and acupuncture, said NCCAM director, Dr. Stephen Straus.

❒ Psychopharmacology of Widely Available Psychoactive Natural Products

Program Announcement.....PA-04-084
Release Date.....April 2, 2004
Expiration Date.....March 31, 2007, unless reissued
National Institutes of Health (NIH)
Department of Health & Human Services (DHHS)

For further information, contact:

Hari H. Singh, Ph.D.
Chemistry & Physiological Systems Research Branch
Div. of Basic Neuroscience & Behavorial Research
National Institutes on Drug Abuse
National Institutes of Health
6001 Executive Boulevard, Room # 4282
Bethesda, MD 20892-9555
Phone: 301-435-1310; Fax: 301-594-6043
Email: hs87j@nih.gov

Nominations invited for...

ASP Honorary Membership -2006

Persons interested in nominating someone for honorary membership in ASP should submit nominations to the Honorary Membership Committee for consideration in 2005:

John Cardellina, Chair, jcardellina@ncifcrf.gov
Bob Borris and Amy Wright

Cut off date.....28 February 2005

Visit the American Society of Pharmacognosy's Website at:

www.phcog.org

ASP Foundation News

The Board of Directors of the ASPF want to thank all of its donors for their generous support this year. This support, along with that of the ASP has enabled the Foundation to fund travel awards to this year's wonderful ICNPR, undergraduate research grants, research starter grants, the Matt Suffness Awards, the ASP Lifetime Research Achievement Award, the JNP Beal and Schwarting awards, and for the second time the Tyler/Pharmanex Award. We are currently about half way to our goal of $1Million by the 50th anniversary of the ASP in 2009. With your help, we can not only reach but also even surpass this figure insuring a bright future for the Society and our science.

Please, when you receive Chairman Cassady's annual campaign letter, send in a donation to your Foundation. If you are a first time donor, we have many named funds to which you may contribute. And don't forget that we are a federally approved 501c.3 organization, making your donation tax-exempt in regards to your Federal IRS income tax obligation.

Enjoy Your Holidays!!

Renew Your ASP Membership Online

Membership dues and Journal of Natural Products (JNP) subscriptions for 2005 are now payable. We will again use our online membership renewal system. Through this secure system you can pay via credit card or via check to be mailed to the ASP office.

To pay your dues for 2005 and order your 2005 subscription to JNP, click the ASP Membership Directory tab on the ASP website, **www.phcog.org** . Then login to the Directory (see instructions below) and press the **My Profile** tab. There is a field **Paid Dues 2005**. An **N** indicates that your dues have not been paid for 2005. Clicking on the **Pay Dues Now** button toward the bottom of the profile will take you to the Membership Renewal Form. Follow the directions provided by the system. When completed, you will receive an e-mail indicated what the payment is and the mailing information if you are paying by check.

IMPORTANT NOTES:

• If you have not accessed the Membership Directory as yet, the user name is **[your name] asp** and the password is your **ASP account number**. These can be changed after you login. Should you not know your account number, click the **Forgot Your Password** key and the system will send you an e-mail with your password.

• Please update your contact information (profile) in the Membership Directory before moving to pay your dues. Your contact information changes can only be made on the Membership Directory website not on the Membership Renewal Form.

• Please e-mail me (**asphcog@aol.com**) if you are having problems with the system or if you want me to mail a hardcopy invoice.

• Two Web Edition options of JNP now exist. Web Edition A ($60) will allow you access to the current year (2005) and the four previous years. Web Edition B ($120) gives you access to the current year and all archived JNP issues back to 1979.

Should you have any questions contact:

David J. Slatkin, Ph.D., Treasurer
American Society of Pharmacognosy
3149 Dundee Road #260
Northbrook, Illinois 60062
Phone: 773-995-3748
email: asphcog@aol.com

David J. Slatkin, Ph.D., Treasurer
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3149 Dundee Road, #260
Northbrook, Illinois 60062

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: $114 (Print Edition), $60 (Web Edition), $120 (Archive Web Edition); All other countries: $170 (Print edition), $60 (Web edition), $120 (Archive Web Edition).

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: $86 (Print Edition), $60 (Web Edition), $120 (Archive Web Edition); All other countries: $142 (Print Edition), $60 (Web Edition), $120 (Archive Web Edition).

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 (NIH),* MD • Dr. David P. Carew, *Univ. of Iowa,* IA
- Dr. Gordon C. Cragg, *National Cancer Institute*, NIH, Frederick, MD
- Dr. Norman R. Farnsworth, *Univ. of IL at Chicago,* IL • Dr. R. Hegnauer, Leiden, Netherlands
- Dr. Albert Hofmann, Switzerland • Dr. Harry H. S. Fong, *University of Illinois,* Chicago, IL
- Dr. James E. Robbers, *Purdue University, West Lafayette,* IN
- Dr. E. John Staba, *University of Minnesota,* MN • Dr. Hildebert Wagner, *Univ. of Munich,* Germany
- 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,
3149 Dundee Road, #260, Northbrook, Illinois 60062. **Email: asphcog@aol.com**

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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