



# ASP NEWSLETTER

Volume 28, Number 3

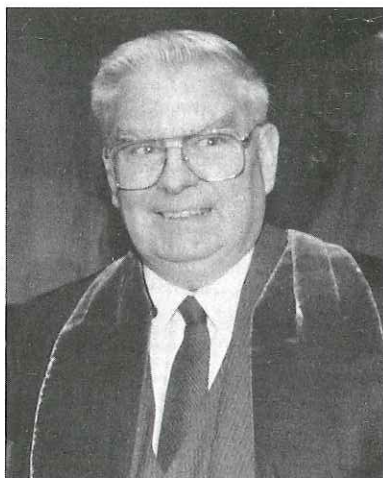
Fall, 1992

## The American Society of Pharmacognosy

### Lynn R. Brady 1933-1992

Past President and founding member of the American Society of Pharmacognosy, Dr. Lynn R. Brady, died suddenly on August 20, 1992. His scholarship and scientific credentials are internationally recognized as was his service to the Profession.

At the time of his death, Lynn Brady was Associate Dean at the University of Washington School of Pharmacy, a member of the Editorial Advisory Board for the *Journal of Natural Products*, a member of the NABPLEX Review Committee of the National Association of Boards of Pharmacy, and member of the Puget Sound Chapter of Kappa Psi. Lynn received an honorary membership in the Society at the Annual Meeting in Chicago in July, 1991. Upon that occasion, Lynn recalled his history with the Society.



*'During the hot summer of 1959, I attended a meeting and watermelon party in Chicago. Labor pains were in evidence throughout the meeting... the American Society of Pharmacognosy was born.'*

*'My first substantial service contribution to the Society occurred... as Scientific Program Coordinator for the Houston meeting.'*

*'Over the years I have served multiple terms on the Constitution and By-Law and Nominating Committees.'*

*'The first, and incidentally the last, carbonyls of vincatini were formulated for the Pittsburgh meeting; on the absolute scale of inventions, the vincatini ranks up there with the Edsel and joy buzzer.'*

*'Attendance at the annual meetings has taken me to 22 states, the District of Columbia, Puerto Rico, Austria, France and Germany.'*

Lynn never missed an Annual Meeting and always found time to help roast the outgoing President. His most recent appears on page 3. He received his *Cascara sagrada* gavel in 1971.

It was evident that Lynn enjoyed life to the fullest. He enjoyed good food, wine and the company of his friends. His usual Saturday evening meal was a New York steak, Brady style, a loaf of bread and a bottle of good wine.

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### 33rd Annual ASP Meeting is a Big Success

The ASP wishes to show its gratitude to the organizers of the successful 33rd Annual Meeting that was held at the Fort Magruder Inn and Conference Center in Williamsburg, Virginia, July 26-31, 1992.

The scientific program committee (Marilyn K. Speedie and Arnold Brossi, co-chairmen, John Beutler, Sam Page, and Matt Suffness) provided three symposia including a Drugs of Abuse Symposium with four speakers, an Applications of Biotechnology Symposium with six speakers, and for the first time, a Young Investigator Symposium with three speakers. These symposia provided the registrants with a great deal of current research information. Along with the symposia, Henry Rapoport, recipient of the ASP Research Achievement Award, delivered his address. Another 123 papers (40 podium and 83 poster) were presented.

The local program committee (Sue Tafur, chairman, John Cardellina, Harvey Grubbs, Richard Izac, David Kingston, Bill Keller, *ex officio*, Ken Podraza, Al Sneden, and Matt Suffness), showed us the legendary Southern hospitality, beginning with the Sunday evening social mixer, and ending with the Thursday evening banquet. The week's events included a Country/Western BBQ Buffet Dinner complete with entertainment.

The hotel did an excellent job of providing registrants with tan-

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Lynn received both his B.S. in Pharmacy and M.S. in Pharmacognosy from the University of Nebraska at Lincoln. He earned his Ph.D. in Pharmacognosy at the University of Washington under Varro E. Tyler in 1959.

Lynn's research interests centered around the area of secondary metabolites of higher, fungi, especially those with toxicological or therapeutic interest. His research led to the publication of nearly 100 scientific papers. He also served as a co-author of the standard American textbook on Pharmacognosy for the last three editions.

Anyone wishing to make a memorial contribution in memory of Lynn may wish to contribute to:

American Society of Pharmacognosy Foundation  
Dr. Robert Krueger, Treasurer  
School of Pharmacy  
Ferris State University  
Big Rapids, Michigan 49307  
(See ASP Foundation article, Page 2, Column 2)

Lynn R. Brady Endowed Scholarship Fund  
c/o Pharmacy Development  
SC-69  
University of Washington  
Seattle, Washington 98195

University of Nebraska Pharmacy Fund  
College of Pharmacy  
University of Nebraska  
600 S. 42nd St.  
Omaha, Nebraska 68198-6000

Seattle Medic 1  
Seattle, Washington

Seattle Children's Hospital  
Seattle, Washington

Fred Hutchinson Cancer Research Center  
Seattle, Washington



## EMPLOYMENT SERVICE AVAILABLE

The American Society of Pharmacognosy is offering a placement service to aid our members find employment positions or prospective employees. This service is available **only** to ASP members and is **free** to both the applicant and the prospective employer. Once an application is submitted, it will remain on file for one (1) year, at which time it will be destroyed. The applicant should also realize that the application will be submitted to the prospective employer **exactly as submitted**. (The submitted form will be xeroxed, then sent to the prospective employer.)

Further information can be obtained by contacting: Robert J. Krueger, Ph.D., College of Pharmacy, Ferris State University, 901 S. State St., Big Rapids, MI 49307 USA. Phone: (616)592-2236.



## FUTURE MEETINGS

### Future ASP Meetings

1993 -July 18-22, San Diego, California.

1994 - July 31- August 5 - Halifax, Nova Scotia - International Research Congress on Natural Products: A joint meeting with the Gesellschaft für Arzneipflanzenforschung, the Association Francaise pour l'Enseignement et la Recherche en Pharmacognosie, and the Phytochemical Society of Europe.

1995 - Univ. of Mississippi.

1996 - Santa Cruz, California.

### American Association of Pharmaceutical Scientists Future Meetings

1992 - November 15-19 - Seventh Annual Meeting - San Antonio, Texas. For further information contact: AAPS, (703)548-3000. FAX: (703)684-7349.

### Other Meetings of Interest

An International Symposium: Applications and Prospects of Biotechnology for Arid and Semi-Arid Lands, Lubbock, Texas, November 5-7, 1992. For further details contact: Dr. Tom J. Mabry, Department of Botany, University of Texas at Austin, Austin, Texas 78713-7640. FAX: (512)471-3878.

3rd International Congress on Amino Acids and Analogues, Crete, Greece, August 23-27, 1993. For further information contact: G. Lubec, Univ. Vienna, Dpt. of Paediatrics, Wahringer Gurtel 18, A 1090 Vienna, Austria. FAX: x43.1.404003238.



### Williamsburg - Continued from Page 1, Column 2

talizing foods. Williamsburg is a charming area, and many participants brought their families along to enjoy the local amusements (Busch Gardens, Virginia Beach, local plantations, and so on).

All tolled, the weeks events were stimulating and enjoyable. The organizing committees are to be commended for a job well done. See photos on pages 4 and 6.



## SOCIETY'S FOUNDERS ENDOWMENT FUND CREATED

The Board of Directors of the ASP Foundation wish to announce the creation of the Society's Founders Endowment Fund. This fund has been established to honor those forward looking individuals who organized the ASP over thirty years ago. Donations to an individual's memory or to honor one of our Society's living founders can be sent to Robert Krueger, Ph.D. (College of Pharmacy, Ferris State University, 901 S. State Street, Big Rapids, MI 49307). Please include a note identifying the individual you wish to recognize with your contribution, as these names will be recorded and reported to the Society annually.

As those 130-plus-scientists pledged their talents and efforts to build the strong Society we 1000-plus-members enjoy today, this endowment will provide a financial core upon which the goals of the Foundation will be realized. Questions about the Foundation can be addressed to any Director or to Bob Krueger at the aforementioned address.

Editorial Note: Thanks to the efforts of our Secretary, William J. Keller, we have a list of our Charter Members on Page 7.

JBR



# NOTES FROM WILLIAMSBURG - JULY, 1992

## IRELAND DANGLES

By Lynn R. Brady

Williamsburg is a site steeped in tradition, and Patrick Henry established an early precedent for independent assessment and expression. This is an appropriate environment for me to come before you this evening. The Sacred Order of Cascara Sagrada is one of the oldest and most honorable traditions of the American Society of Pharmacognosy. Norman Farnsworth and I are commissioned to evaluate the activities of The President and determine his eligibility to proceed into the Order, an Order where every command can be transformed into action by the rap of a gavel constructed from the magical, lignified vessel elements of *Rhamnus purshiana*.

Now we must focus on our findings about the merit of President Ireland rather than become euphoric about the Order. This being an election year we conducted a survey. The results prompted George Bush to indicate he would be pleased to run against Chris Ireland. President Ireland campaigned on his prospective vision. We found that his prospective vision actually reflected a mirror effect -- it is turned 180 degrees. He has spent the year of 1991-1992 trying hard to leap back to 1893.

Persons knowledgeable about Chris use various words to describe him. Common words that are used include arbitrary, dictatorial, discriminatory, and just plain lucky. We discovered that he went to considerable, but unsuccessful, effort to promote a slide presentation on Yorktown for our banquet. This could be attributed to patriotic fever, but we discovered the sinister truth when we were informed by a mole to examine the archival records of the Society. He has rewritten the history of the Society to purge the records of any taint of slimy British influence. According to the 1992 Ireland version of our Society's history Douglas No Name, David Same, Geoffrey Who, and Michael Never are fictitious characters who never existed or served the Society. While Professor Farnsworth and I may have some sympathy with the anti-British sentiment behind Chris's action, we recognize the inappropriateness of rewriting the records. The appropriate way to handle such situations is by alteration of the ballots.

Chris is said to have an abnormal dedication to certain research activities.

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## REMARKS AT WILLIAMSBURG

By Arnold Brossi

Unlike Drs. Brady and Carew, who both had long-standing affiliations with ASP, my interaction with ASP which gave me this prestigious award was relatively short and casual. My remarks, therefore, are more general and they reflect what I think I have accomplished during my 40 years of work in bioorganic chemistry. I am not a doctor or a minister, who both are viewed favorably by the public, since the former eases our entry into the world and the latter helps us to leave it. **I am only an organic chemist, who happens to be in love with biologically active natural products.**

This addiction is manifested by several total synthesis of interesting natural products: the antibiotics griseofulvin and hormothamnione, and the alkaloids emetine, dihydroquinine, deoxymorphine, rhoeadine, and others. Although many of these were made by others, we made them in the form of both optical isomers, showing that in most cases only one of them was responsible for the biological effects. I consider this to be one of my most important contributions to life sciences, and I am happy to see that my cry for making chiral drugs is favorably answered by the Pharmaceutical Industry. I am sure it will result in better and more specifically acting drugs. The literature is now full of remarks on racemic versus chiral drugs, mostly coming from bureaucrats and administrators. They neglect to mention that safety and effectiveness of racemic versus chiral drugs would require long term toxicity studies of three species, the racemate and its optical isomers. They neglect to see that the development of an enantiomer would lead to a simpler and faster clinical evaluation of the drug which is so costly and time consuming. The thalidomide story remains a vivid example what can happen if you deal with racemic mixtures - one isomer puts you asleep and the other gives birth effects. There are several discoveries we made in dealing with the chemistry of natural products: the introduction of acetonitrile as a solvent in Bischler-Napieralski cyclization, the acylation of enamines which was reported in 1958, the selective ether cleavage of polyether isoquinolines, and the preparation of optically active amines by urea-fragmentation. I never had a large number of scientist working with me, five or

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## PRESIDENT'S REPORT 1991-1992

By Chris M. Ireland

It has been a great honor and pleasure for me to serve as President of the American Society of Pharmacognosy during the past year. As it was once said, "These are the best of times, these are the worst of times". On the negative side, we have all observed with growing concern the continual decline in financial and public support for scientific research in this country over the past several years. On the positive side, it is exciting to see that even in the current climate of cutbacks, interest in, and recognition of the importance of natural products research continues to grow both nationally and internationally. In parallel, the ASP has grown dramatically over the past few years in size (currently approaching the 1000 mark in membership) and in stature. This recognition of the field and our Society is a result of the efforts of many society members. We, as a Society, and individually have been actively involved in educating the public and the lawmakers in Washington about the important role that natural products have played and will continue to play in human health issues. In the scientific arena, the discovery and development of important natural products continues at a rapid pace. The marriage between natural products research and biotechnology, particularly robotic screening and the availability numerous intracellular receptors via cloning, has dramatically expanded the therapeutic targets accessible for drug discovery. As the tone of my comments suggest, I am bullish about the future of our field and the key role that the ASP must play in shaping that future.

On a more immediate note, the executive committee and the appointed committees of the society have been very busy this year and I am pleased to highlight some of their activities and accomplishments.

1) The ASP was a supporting organization of the World Pharmacy Congress held in Washington, D.C. in September. I was unable to attend, but we were duly represented at the congress by Matt Suffness. Matt assures me the food and drink at the reception for sponsoring organizations was excellent.

2) As those of you who attended the business meeting last year in Chicago are aware, there is a movement afoot to establish a new federal institute analogous

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**Brady - "Ireland Dangles" - Continued from Page 3, Column 1**

For example, we found numerous signed affidavits at the University of Utah certifying that the only feasible time to collect warm-water marine biota is during the harshest winter months in Salt Lake City. We also know that his dedication has altered the departure of collecting ships. At times on such collecting trips his eyes allegedly resemble bottle caps.

Having cited some representative findings, I must indicate that Norm and I evaluated all of our information in assessing the pros and cons of awarding Chris a symbolic gavel. Like most activities at the present time we do an environmental impact assessment. The natural habitat of the Cascara tree is restricted to the Pacific Northwest. It is a less than common tree, just as is the Pacific yew which Matt Suffness is rapidly depleting. A critical part of our job has been to decide if President Ireland's accomplishments justify sacrificing a tree so he could be awarded a gavel. A tree is significant, and we feel it is appropriate to award Chris a levo-otic pendant as a moment of his year of service to the Society; in fact we are providing a reserve duplicate in case the original is misplaced. As a conscious reminder we want to give him a gavel with the caveat that every time he sees the gavel he should ask himself, "Did I do enough to justify the killing of a tree so I could have this trinket?" Chris, may you have many sleepless nights.

By Lynn Brady for the record.



**Brossi Remarks- Continued from Page 3, Column 2**

six at most, but they were carefully selected, and they all had good training. They were willing to accept my research plans and they adhered to my slogan **from nothing you get nothing**, which created a most pleasant working atmosphere which is so crucial for a successful outcome. I am now a Research Professor at the Chemistry Department of Georgetown University in Washington, D.C., but I entertain an active collaboration with people at the Shanghai Institute of Organic Chemistry in China, and it works well, it is not much burdened by bureaucratic hurdles, and it will result in good work. **Mutual trust, sharing results and taking the blame for failure**, is the answer to a successful outcome of this venture. I learned it the hard way, that dealing with colleagues who are ambitious, greedy and jealous can make life difficult. **I suggest that you consider very carefully with whom you go to bed with.** As editor-in-chief of 20 volumes of "The Alkaloids" and as a referee on numerous papers I always adopted the prerogative to get good work published, and to abstain from a sarcastic attitude in disapproving findings made in your territory. In dealing with people **I have learned to say thank you**, an expression not written in this country in capital letters, but frequently used in the country where I come from. I will use it now many times. I would like to thank Dr. Oskar Jeger who was my tutor and teacher at the ETH in Zurich for having nourished my taste for organic chemistry; to Dr. Bernhard Witkop who has lured me to join the NIH and to Dr. Nelson Le-

onard from the University of Illinois at Urbana. They both have accepted me and they have stimulated my chemical intuition many times. I also would like to thank Drs. Matthew Suffness, Ernest Hamel, Cyrus Creveling, Herman Yeh and Nigel Greig from the NIH for having helped me to achieve our goals. Thanks also go to Drs. Isabella Karle and Judith Flippen-Anderson from the Naval Research Institute in Washington, D.C., for the delivery of important scientific data, and to Drs. McChesney, Clark and Huford from the School of Pharmacy at the University of Mississippi for the most pleasant interactions during my tenure with WHO in Geneva. Thanks also go to Dr. Creed Abell at the University of Texas at Austin, and to Dr. Craig Canfield, formerly director of the Walter Reed Army Research Institute who helped me to get things straight when we were together with Chemal at WHO in Geneva. In mentioning these good friends in cherished times makes me feel good and happy. I now would like to add the names of my wonderful wife Hanni Brossi, and our children Mario, Angela and Franca and their children to my list of most important people. They often found me absentminded, confused and irritated, but they never bothered me when I was off the track, and God bless them for that. The 40-year life span I covered with a few words shows how short and insignificant our life is. The Swiss poet Gottfried Keller said it as follows: Time does not move, it stands still, we are moving through it like pilgrims in a Caravansary. Thank you ASP for allowing me to stand here, and thank you all for listening to me.



## SCENES FROM WILLIAMSBURG



From left to right: Bill Obermeyer (FDA), John Porter, Kyung-Jae Yoo, and James Bloxton (all from the Philadelphia College of Pharmacy and Science)



Pedro Chavez (University of Puerto Rico) (left) and Bob Borris (MSD)

# ASP AWARDS AND GRANTS PROGRAM

## ASP Research Achievement Award

The American Society of Pharmacognosy selects a recipient for the ASP Research Award annually. Candidates must be members of the Society who have made significant contributions to natural products research.

Previous winners of the ASP Research Award are:

- 1985 - Koji Nakanishi
- 1988 - Heinz G. Floss
- 1989 - Kenneth L. Rinehart
- 1990 - Monroe E. Wall
- 1991 - S. William Pelletier
- 1992 - Henry Rapoport

Nominations can be made at any time to the Chairman of the Research Achievement Award Committee and should consist of a letter of recommendation, a curriculum vitae of the candidate, and the names of at least three individuals who are familiar with the candidate's accomplishments. The current Chairman is Kenneth L. Rinehart, 454 Roger Adams Laboratory, University of Illinois, Urbana, Illinois 61801.

## Awards and Grants for Students

To stimulate interest in all phases of natural products research, the American Society of Pharmacognosy Foundation is offering the following awards and grants:

### 1. ASP Student Research Award.

The ASP Student Research Award is designed to recognize outstanding research in the general area of natural products. The competition is open to all graduate and undergraduate students working for a member of the ASP. Students should submit a research paper describing his/her own work in the area of natural products. The applications will be reviewed by the ASP Awards and Funds Committee in a blinded competition. The research paper should conform in general to the format of the Journal of Natural Products, except that there should be no identification of the student, faculty, or school from which the paper originated. The name and address of the contestant and his/her paper title should be provided in a separate letter accompanying the paper. Please include a self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the proposal and name of the applicant. This postcard will serve as notification of receipt of the application. 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 the continental U.S.).

The deadline for submission of the research paper is March 1.

### 2. Undergraduate Research Awards.

The ASP Undergraduate Research Awards consist of a stipend of \$2000 to the student and \$500 to the advisor to help defray the costs of the research. There are no limitations on the type of research to be conducted other than that it should be in the area of natural products. Persons interested in submitting an application for consideration should send the following before March 1.

a. An outline of the research to be conducted, written by the student submitting the application. 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.

b. A transcript of all college work attempted.

c. 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.

d. A self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the proposal and name of the applicant. This postcard will serve as notification of receipt of the application.

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.

### 3. Lloyd Library and Museum Travel Grants.

This grant program was established in cooperation with the Lloyd Library and Museum. In keeping with the Lloyd Library's interest in promoting student activities, two \$500 travel awards to attend the national ASP meeting will be awarded. These awards will be made based on excellence in both scholastic and research activities in the field of natural products. Application can be made by submission of a short (2-3 pages) synopsis of the work to be presented and a letter of recommendation from the advisor. Applications are due April 1.

### 4. Travel Grants for Graduate Students.

Graduate students under the supervision of a Society member are eligible for a travel grant of \$300 to \$500 to enable them to attend a Society meeting and

present a paper. Application can be made by submission of a short (2-3 pages) synopsis of the work to be presented and a letter of justification from the advisor. All awards are contingent on the acceptance of the paper for presentation by the Scientific Program Committee. Applications are due April 1.

## 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 five years of their career. These are one-time awards and are not subject to indirect costs. Application can be made by submission of 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 current funding. A curriculum vitae of the investigator should be included with the proposal and budget. The deadline for submission of application for these grants is March 1. Please include a self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the proposal and the name of the applicant. This postcard will serve as notification of receipt of the application.

### 2. Travel Grants for Active Members.

Travel grants are available to enable active members who are in the first five years of their career to travel to an American Society of Pharmacognosy meeting and present the results of their research. These awards of \$300 to \$500 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. The deadline for submission of applications is April 1. Please include a self-addressed stamped postcard (no smaller than 3.25 by 5.5 inches) with the title of the proposal and name of the applicant. This postcard will serve as notification of receipt of the application.

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

John Cardellina, II, Ph.D.  
Chairman, Awards Committee  
American Society of Pharmacognosy  
NCI, Frederick Cancer Research and  
Development Center  
Building 1052, Room 15  
Frederick, MD 21702-1291 U.S.A.  
Phone: (301)846-5431

## President's Report - 1992 - Continued from Page 3, Column 3

to the NIH to support environmental research and heighten public awareness about preservation of natural resources. The organization spearheading this effort is called the Committee for the National Institutes of the Environment and they are aggressively lobbying congress for funds to establish the NIE. The executive committee looked at this initiative very carefully and decided to support the concept in principle. The following is an excerpt from a letter that I sent to Dr. David E. Blockstein, Director of the CNIE. "I would like to take this opportunity to re-state that the American Society of Pharmacognosy is strongly supportive of the establishment of an institute at the federal government level that will address scientific issues associated with the environment. As a Society we are particularly interested in and concerned about the preservation of bio-diversity and natural resources. Natural product chemicals produced by living organisms have in the past and continue to play an important role in modern medical therapy. The continuing destruction of tropical rain forests and other biological habitats seriously threatens the future availability of these important resources to mankind.

*It is the consensus of the executive committee and myself that as a scientific society, the ASP should morally and fiscally support scientific activities directed towards preserving the environment. We would be very much interested in discussing potential ventures with NIE to support all facets of scientific investigations to preserve natural resources."*

I also convened two new *ad hoc* committees this year to look at related issues. The first committee chaired by Norman Farnsworth is looking into the logistics of convening a National ASP meeting in a developing country; the intent being to make us all more aware of the importance of preserving natural resources in these countries. The second committee chaired by Geoffrey Cordell is drafting a position statement for the Society on the issue of preservation of natural resources and proper compensation of developing nations for the utilization of their natural resources. The report from each of these committees, at the business meeting in Williamsburg, was well received and stimulated a great deal of discussion. It was recommended to President Mitscher that these issues be actively pursued.

3) The final topic I would like to talk about is the *Journal of Natural Products*. As you are all aware, the journal was converted to a monthly format this year. This format change, accomplished largely as a result of the herculean efforts of Jim Robbers and his dedicated crew, was an important step in assuring that *JNP* remains a premier journal for publication of natural products research. The quality of the research presented in the *Journal* continues to increase steadily as does its stature.

Perhaps not surprisingly, the *Journal's* successes have not gone unnoticed by other scientific organizations, in particular the American Chemical Society. The ACS has approached us with a proposal to co-publish the *Journal of Natural Products*. The executive committee was delighted by the ACS's recognition of the *Journal* and is studying the merits of their proposal very carefully. A key factor in any negotiations with the ACS is appreciation of the fact that the *Journal* is probably the most recognizable symbol of ASP and must be maintained in a form that reflects positively on the Society.

It has been a great year for ASP and it is important to emphasize that the credit for this success goes to the dedicated committee members and officers of the Society that serve with such diligence. I am grateful for having had the opportunity to serve the Society.



## OBITUARY

The ASP regretfully announces the recent death of one of our members. Xorge A. Dominquez from the Inst. Tech. de Monterrey, Monterrey, Mexico passed away in recent months.

## ASP NEWS

Congratulations go out to Geoffrey A. Cordell, Ph.D., who has recently been named Interim Dean at the University of Illinois at Chicago School of Pharmacy.

## BOOKS OF INTEREST

Tuner, Nancy J., and Adam F. Szczawinski, *Common Poisonous Plants and Mushrooms of North America*, 324 pages, \$55.00, 1991. Timber Press, Inc., 9999 SW Wilshire, Portland, OR 97225. Telephone Numbers (800)327-5680, (503)292-0745, FAX (503)292-6607.

Hartzell, Hal., Jr., *The Yew Tree: A Thousand Whispers: A Biography of the Species*, 319 pp., \$29.95, 1991. Hulgosi, P.O. Box 1188, Eugene, OR 97440, (503)343-0606.

Connolly, J.D., and R.A. Hill, editors, *Dictionary of Terpenoids*, 1800 pp in 3 volumes, \$1800.00, 1992, Chapman & Hall, 29 West 35th Street, New York, NY 10001. (212)714 2225

## ASP BUSINESS

### ASP Nominating Committee Report

The 1991-1992 ASP Nominating Committee (A. Douglas Kinghorn, Chair, Geoffrey A. Cordell, and Jerry L. McLaughlin) has selected the following slate of candidates for the 1992-1993 election for the Society:

#### For Vice President:

Dr. Alice M. Clark, University of Mississippi  
Dr. Marilyn K. Speedie, University of Maryland

#### For Executive Committee Member:

Dr. Ching-jer Chang, Purdue University  
Dr. John M. Pezzuto, University of Illinois at Chicago



Rob Verpoorte, Leiden, The Netherlands, one of the Biotechnology Symposium speakers in Williamsburg

# ASP CHARTER MEMBERS - SUMMER OF 1959

Charles I. Abou-Chaar  
 Virginia Aguilar  
 C. C. Albers  
 Americo R. Albornoz  
 Edgard Yan Allen  
 Mary L. Anderson  
 J. Russel Anderson  
 Maurice C. Andries  
 Aurelia M. Aro  
 Philip A. Babcock  
 Virginia L. Bailey  
 Harold E. Bailey  
 Fred A. Barkley  
 Ross M. Baxter  
 Jack L. Beal  
 Joseph A. Bianculli  
 Ralph Bienfang  
 Carman Arthur Bliss  
 Ralph N. Blomster  
 Eunice R. Bonow  
 Lynn R. Brady  
 Willis R. Brewer  
 Russel E. Brillhart  
 John Kennedy Brown  
 Robert E. Brummett  
 Frank E. Bulda  
 Stephen D. Burton  
 Tracey G. Call  
 Magdalena Cantoria  
 James Dante Caponetti  
 David P. Carew  
 Leeds M. Carluccio  
 Philip Catalfomo  
 Edward P. Claus  
 Franklin R. Cole  
 Frank A. Crane  
 Augustus E. DeMaggio  
 Richard A. Deno  
 Austin A. Dodge  
 Richard M. Doughty  
 Bryce Douglas  
 Marin S. Dunn  
 James E. Dusenberry  
 Frank Hobart Eby  
 Norman R. Farnsworth

N. M. Ferguson  
 Seldon D. Feurt  
 Earl B. Fischer  
 Harry H. S. Fong  
 Walter G. Fredell  
 Melvin R. Gibson  
 Francisco Giral  
 Gunnar Gjerstad  
 Leticia M. Gomez  
 Edward E. Gonzalez  
 Allan McCoy Goodeve  
 Lauren R. Hanmer  
 Ikram Hassan  
 L. David Hiner  
 J. Hampton Hoch  
 George Macdonald Hocking  
 Richard L. Hogg  
 Edward S. Hudak  
 Carl H. Johnson  
 Herbert Jonas  
 Karlis Kazerovskis  
 Francoise A. Kelz  
 Catherine Kirchner  
 Anna H. Koffler  
 S. Morris Kupchan  
 John Dennis Leary  
 Robert Meyer Leonard  
 Taylor E. Lindhorst  
 Clifton F. Lord, Jr.  
 William Lucas  
 Frank W. Martin  
 William A. Meer  
 Esteban Nunez-Melendez  
 William C. Mende  
 Frank L. Mercer  
 Nick G. Mihalopoulos  
 Edward S. Mika  
 Benjamin L. Milana  
 Orville H. Miller  
 J. Auguste Mockle  
 Albert H. Musick  
 Arnold C. Neva  
 Gennaro P. Nunziata  
 Frank D. O'Connell  
 C. Dwayne Ogzewalla

William Oroshnik  
 Leon R. Pacifici  
 Ara G. Paul  
 Henry W. Phelps  
 Frank J. Pokorny  
 N. A. Qazilbash  
 Maynard W. Quimby  
 Egil Ramstad  
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