



# The American Society of Pharmacognosy

## NEWSLETTER

Vol. 39  
No. 4



## WINTER

2003

### ICNPR - 2004

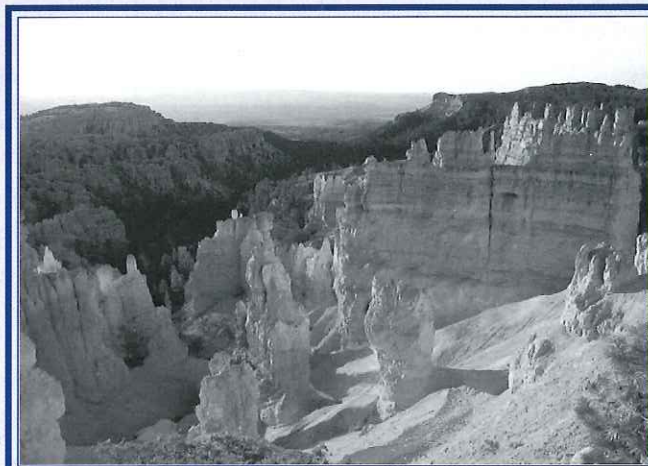
## Meets in Phoenix, Arizona... July 31-Aug 4

### A Great Time To Visit The Grand Canyon

2004-International Congress on Natural Products Research (ICNPR - 2004) will be held from Saturday, July 31 to Wednesday August 4, 2004 in the exciting city of Phoenix, Arizona.

Among other highlights of the Congress it would be a memorable experience to visit the historic Grand Canyon.

Grand Canyon, ranked one of the best tourist spot in the world is only three and half hours drive from Phoenix, AZ which also is considered one of the Premier vacation/convention destination in the U.S



Spectacular Grand Canyon .... Phoenix, Arizona

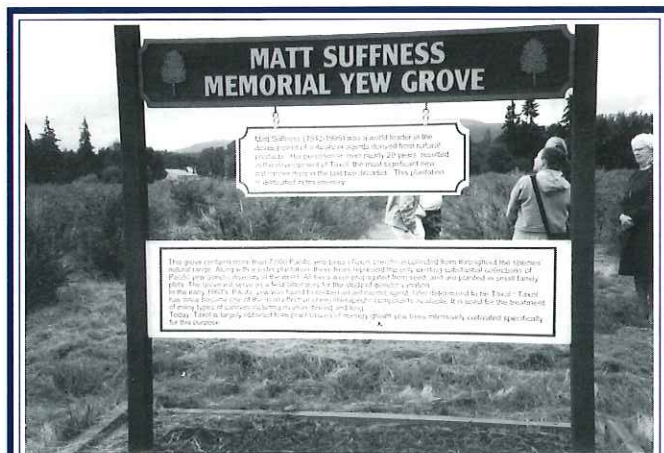
*More details on Page 7...*



*Here Is Your Chance To Win...  
Details on page 8-12*



## Matt Suffness Memorial Grove In Danger A Plea To Save It



Historic Yew Grove... Seattle, Washington

Many ASP members will remember the early days of the clinical development of the anticancer drug, Taxol®, when significant activity was being observed in the treatment of ovarian cancer, but the supply of sufficient quantities of the drug posed serious challenges.

The late Matthew Suffness led NCI efforts to address this supply crisis and amongst the various approaches explored, was the identification and

*Continued on Page 6...*



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## Editor's Corner

Dear Friends,

Greetings!

The Winter-2003 issue brings a challenging year to an end for the ASP. In retrospect, 2003 had been eventful, productive and memorable. Our accomplishments were highlighted by the successful annual meeting at Chapel Hill, NC. Well deserved awards along with the newly introduced Poster Awards and many new scientific developments marked the year. My sincere thanks to all those who were instrumental in providing timely and useful information on current issues, news, and trends in the area of Pharmacognosy for the newsletter.



Through this newsletter we have forged a sense of community within the membership ranks and, kept the light of hope burning brightly in anticipation at a time when the discipline of Pharmacognosy has not been so favorably illuminated in the scientific world. Cast aside for years, natural products drug discovery appears to be reclaiming attention and is at the verge of a comeback. As recently remarked by Matthias Gehling, Head of Bayer's Natural Products Research in the cover story of C&EN, October 2003... "Natural Products have been and will be important sources of new pharmaceutical compounds. By optimizing the technology platform around natural products research, we have made great gains in productivity."

In this issue we are providing important information about "ASP Awards & Grants". I hope the scientific community will take advantage of this information and compete for these awards.

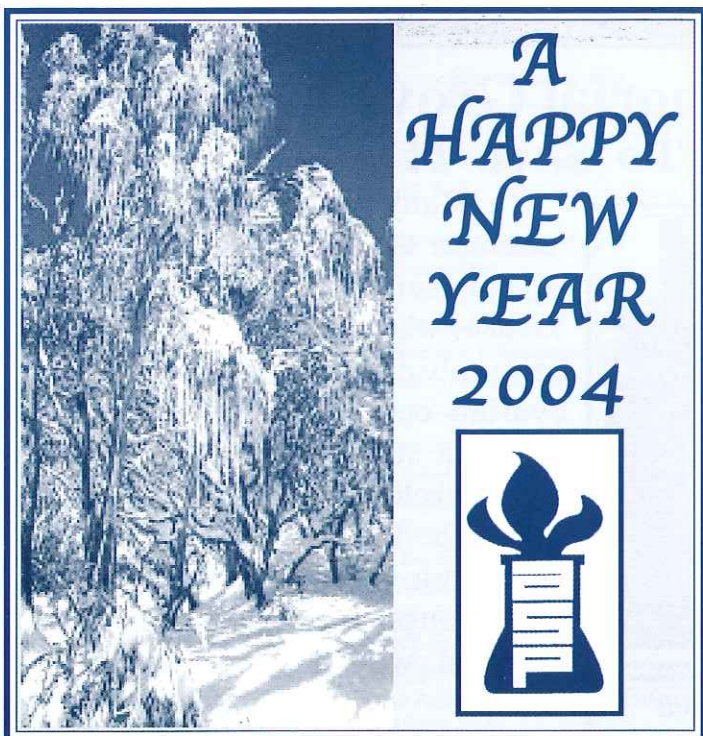
We look forward to the annual meeting of the ASP to be held at Phoenix, AZ, in collaboration with the European equivalent of ASP (ICNPR-2004). There we hope to meet and interact with our professional friends and colleagues from various parts of the world, share new findings and advances in research from distinguished lectures, celebrate our achievements and awards.

We love to hear from you. Your feedback and input are invaluable for the newsletter. Send us your achievements, news, recognition or stories.

As we welcome the new year 2004, let us hope that it will take ASP to a new height and bring peace, happiness and joy to the world.

**Wishing You The Brightest & Best For The Year 2004!**

**Renuka**





# And the Award Goes to....

## ASP Awards at the 54th Intel ISEF - 2003

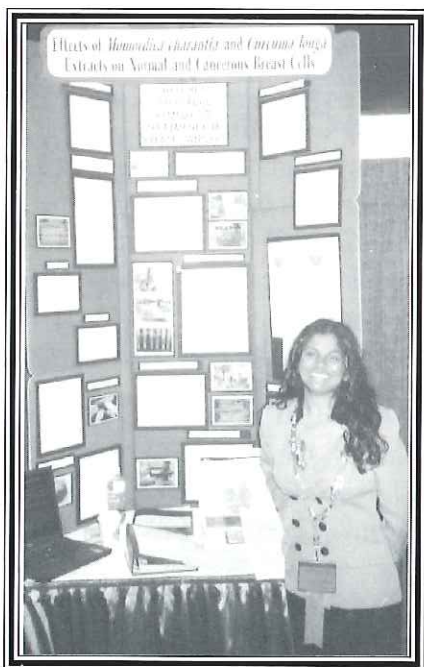
The Intel International Science and Engineering Awards Fair (Intel ISEF) are funded by the ASP Foundation. Two awards of five hundred dollars each are given for a project in any area which involves pharmacognosy. The projects are from various subject areas: botany, zoology, biochemistry, environmental science, microbiology, medicine, zoology and others.

For the fourth year ASP Foundation sponsored two \$500 awards to outstanding projects involving pharmacognosy at the Intel ISEF. The Fair was held in Cleveland, OH from May 11-16, 2003 and involved over 1,100 high school students from 40 countries. The students had already received the top award from their regional or national science fairs, and represented the "best of the best" in the world. Out of just under 1,000 projects, 63 involved pharmacognosy-related topics. After interviewing a "short list" of a dozen projects, the following two were judged to be the winners:

### ❑ Kumkum Sarkar, 18

Roanoke Valley Governors School for Science and Technology, Roanoke, Virginia

*Effects of Momordica charantia and Curcuma longa Extracts on Normal and Cancerous Breast Cells*

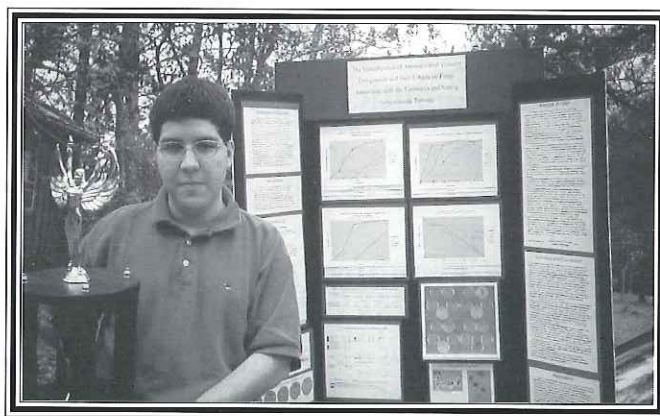


Kumkum will begin an accelerated medical program in fall at Virginia Medical College, in which she will receive her MD degree in 5 to 6 years. She is very interested to pursue research in the applications of natural products in cancer research.

### ❑ Thomas Edgar Cleveland, 18

Louisiana School of Math, Science, and the Arts, Natchitoches, Louisiana

*The Identification of Antimicrobial Volatile Compounds and Their Effects on Representative Species of Medicinally and Agriculturally Important Fungi*



Thomas will be attending Tulane University in the Fall, and will double major in molecular and cell biology, and in physics. He has worked for the past three summers in USDA laboratories and hopes to continue performing research while he is an undergraduate. He plans to continue to a Ph.D possibly in biophysics.

*Dr. Roy Okuda served as the ASP judge for this Intel ISEF. The 2004 ISEF will be in Portland OR, from May 9-15 2004. Upto 5 judges are needed. If you are interested contact:*

*Roy Okuda at [Okuda@sjsu.edu](mailto:Okuda@sjsu.edu).*

**ASP Congratulates Kumkum & Thomas For Their Achievements!!**



# The American Society of Pharmacognosy

## Committees ... 2003 - 2004

### Executive Committee

Jon C. Clardy,	--	<i>President</i>
William Gerwick,	--	<i>Immediate Past President</i>
James McAlpine,	--	<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>
Raymond J. Anderson,	--	<i>Member (2002-2005)</i>
Bill J. Baker,	--	<i>Member (2003-2006)</i>
Tadeusz Molinski,	--	<i>Member (2001- 2004)</i>

### Standing Committees

#### Nominating Committee

William Gerwick  
Chris Ireland  
Jim Gloer

#### Membership Committee

James McAlpine Chair( year 3 of 3)  
Mary Menachery (year 3 of 3)  
Cindy Angerhofer (year 1 of 3)

#### Honorary Membership Committee

James McChesney, Chair (year 3 of 3)  
John Cardellina (year 2 of 3)  
Amy Wright (year 1 of 3)

#### Publicity Committee

John A. Beutler, Chair (year 1 of 3)  
Renuka Misra (year 3 of 3)  
Nick Oberlies (year 1 of 3)  
David J. Slatkin (*ex officio*)

#### Tellers Committee

William Keller, *Chair*  
Jerry McLaughlin  
Tad Turgeon

#### Publications Committee

A. Douglas Kinghorn, Chair (year 1 of 5)  
William Gerwick (year 3 of 5)  
Richard G. Powell (year 4 of 5)  
Alice M. Clark (year 1 of 5)  
David J. Slatkin (*ex officio*)  
ASP members of the Editorial Advisory Board

#### Constitution and Bylaws Committee

Pedro Chavez, Chair (year 2 of 3)  
Govind J. Kapadia (year 3 of 3)  
Denise Manker (year 1 of 3)

#### Awards and Funds Committee

Tawnya McKee, Chair (year 2 of 5)  
Susan Sennet (year 3 of 5)  
Dale Nagle (year 2 of 5)  
Jerry McLaughlin (year 2 of 5)  
Melissa Wagenaar (year 1 of 5)

#### Research Achievement Award Committee

Jim Gloer, Chair (year 2 of 3)  
Mark Zabriskie (year 3 of 3)  
Raymond Andersen (year 1 of 3)

... continued on page 5

## ASP Committees...2003-2004, ...continued from page 4

### 2004 Meeting Organizing Committee

David J. Slatkin, *Chair (Local Prog. Com)*  
Pedro I. Chavez, *Chair (Scientific Prog. Com)*  
Elmer J. Gentry  
Zbigniew A. Cichacz

#### Note:

Complete committee lists  
see on the web site.

[www.phcog.org](http://www.phcog.org)

### ASP Foundation Board of Directors

John M. Cassady, *Chair*  
Pedro I. Chavez, *Secretary*  
Robert J. Krueger, *Treasurer*  
David Slatkin, *ex officio*  
Robert P. Borris, *at large*  
William Gerwick, *at large*  
Charles D. Hufford, *at large*  
S. William Pelletier, *at large*  
John H. Cardellina, *at large*  
William J. Keller, *at large*  
Giovanni Appendino

## 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

Jon E. Anderson, *Chair*  
Roy Okuda  
Kerry McPhail

### Resolutions Committee

Cedric J. Pearce, *Chair*  
Mikhail D. Antoun  
Keith M. Witherup

### Pharmanex Prize Selection Committee

John H. Cardellina II, *Chair*  
James Gloer  
Gordon Cragg  
Jon Clardy

### ASP Newsletter Committee

Renuka Misra, *Editor*  
Rajan George, Jr.

### 50th Anniversary Committee

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

### ASP Web Site Committee

John Porter, *Chair*  
Charles D. Hufford  
Renuka Misra

### Younger Members Committee

Sara Crockett, *Chair*  
Dean Gray  
Katherine Maloney  
Allison Turner, *ex officio*  
Scott Baggett, *ex officio*

### Regional Sections Committee

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

### Pharmanex/ Tyler Prize Sel. Com.

John H. Cardellina II, *Chair*  
James Gloer  
Gordon Cragg



### **Matt Suffness Memorial Grove...** Continued from page 1

development of superior cultivars of *Taxus* species for the isolation of Taxol® and key precursors (baccatins) which could be converted semi-synthetically into the drug or other active analogs.

Contact was established with Weyerhaeuser Company. Dr. Nicholas Wheeler of the plant genetics section worked closely with Matt in establishing a Yew Family/Provenance Trial site on the Olympic Peninsula. **This Trial site has been maintained as a valuable resource which serves as a genetic pool providing a form of insurance, should the viability of the present source (*Taxus baccata* used to produce the taxol precursor in Europe) be affected by pathogens.**

When Matt died from leukemia in 1995, Dr. Wheeler was instrumental in arranging for the Trial site to be dedicated to his memory in honor of his outstanding contributions to the development of taxol and the alleviation of the suffering of the many people suffering from cancer.

The Matt Suffness Memorial Grove was dedicated by Matt's wife Rita Suffness and her family. In July, 2000, Matt's family members, together with members of ASP who were attending the ASP meeting in Seattle, visited the Memorial Grove. We were most impressed and moved by the Grove and by the

generous action of Weyerhaeuser in granting the resources to honor the memory of our colleague. What also impressed us was that this grove is an invaluable and unique genetic resource.

Dr. Wheeler, who left Weyerhaeuser last year, informed Dr. Gordon Cragg recently that the company is considering selling the provenance Trial site as it is no longer involved in any taxol project. **This would mean the loss of the Memorial to Matt, as well as a most valuable genetic resource.**

We encourage ASP members, friends of Matt Suffness & Natural Products scientists to help in saving this valuable site by contacting Weyerhaeuser. You may request reconsideration of the sale of the site and refer to the letter from Gordon Cragg to Dr. Cheryl Talbert, a key contact at the Weyerhaeuser, which is on the ASP **website at [www.phcog.org](http://www.phcog.org)**

Several possibilities have been suggested, including approaching the Nature Conservancy or the US Forest Service regarding possible purchase of the land or part thereof. For more details or with any ideas please contact as soon as possible

**Dr. Gordon Cragg (NCI/NIH)**

Tel: 301-846-5387

E-mail: [craggg@mail.nih.gov](mailto:craggg@mail.nih.gov)

**Other Ideas For Saving The Site Will Be Welcome!**

## *News Alert*

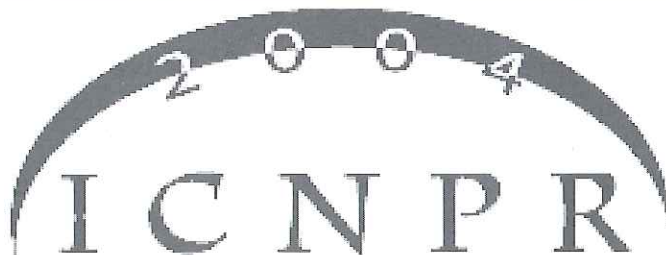
### **FDA Announces Plans to Prohibit Sales of Dietary Supplements Containing Ephedra Consumers Advised to Stop Using Ephedra Products Immediately**

HHS Secretary Tommy G. Thompson announced on December 30, 2003 that the Food and Drug Administration (FDA) has issued a consumer alert on the safety of dietary supplements containing ephedra and has notified manufacturers of its intent to publish a final rule on dietary supplements containing ephedrine alkaloids. The rule will state that dietary supplements containing ephedrine alkaloids present an unreasonable risk of illness or injury.

Ephedra, also called Ma huang, is a naturally occurring substance derived from botanicals. Its principal active ingredient is ephedrine, which when chemically synthesized is regulated as a drug. In recent years ephedra products have been extensively promoted for use to aid weight loss, enhance sports performance, and increase energy

Ephedra is an adrenaline-like stimulant that can have potentially dangerous effects on the heart. Its use raises blood pressure and otherwise stresses the circulatory system, effects that have been conclusively linked to significant and substantial adverse health effects like heart problems and strokes.





## 2004 International Congress on Natural Products Research, Phoenix, AZ (Sat. July 31- Wed. August 4)

### A joint meeting of the

American Society of Pharmacognosy (ASP)

Association Francaise pour l'Enseignement et la Recherche en Pharmacognosie (AFERP)

Gesellschaft für Arzneipflanzenforschung (GA)

(Society for Medicinal Plant Research) Phytochemical Society of Europe (PSE)

#### ❑ VENUE & ACCOMODATION:

• The Westin Kierland Resort and Spa – Phoenix, Arizona ([www.kierlandresort.com](http://www.kierlandresort.com)). Room rates for the meeting will be \$119 (single/double) and \$139 (triple/quad). Adjacent to this hotel is Kierland Commons, containing excellent restaurants and shopping.

#### ❑ PROGRAM HIGHLIGHTS:

• The Congress will officially convene at a reception on the evening of Saturday, July 31, 2004. The Opening Session will occur on the morning of Sunday, August 1. Symposia, award, oral and poster presentations will be held from Sunday, August 1 through Wednesday, August 4. Tuesday afternoon (August 3) will be available for local excursions and the Closing (Awards) Banquet will be held Wednesday, August 4. A Pre-Congress Satellite Symposium on Classical Pharmacognosy will be held on Saturday, July 31. **A post meeting tour to visit the Grand Canyon will be arranged through a local Travel Agency.**

#### ❑ SCIENTIFIC HIGHLIGHTS:

- Classical Pharmacog. Satellite Symposium
- Biotechnology Symposium
- Herbal Symposium dedicated to Tip Tyler
- Sea and Sand Symposium

#### ❑ QUESTION ON SCIENTIFIC PROGRAM:

**Pedro I. Chavez, Ph.D**

Phone: 623-572-3573 Fax: 623-572-3550

E-mail: [pchavez@midwestern.edu](mailto:pchavez@midwestern.edu)



*The Westin Kierland Resort and Spa ...Meeting Site*

#### ❑ MEETING, HOUSING, REGISTRATION AND EVENT UPDATES, Visit ....

**"ICNPR -2004" on the ASP website**  
**[www.phcog.org](http://www.phcog.org).**

#### ❑ QUESTIONS ON THE LOCAL PROGRAM CONTACT:

**David J. Slatkin, Ph.D.**

Treasurer, American Society of Pharmacognosy  
P.O. Box 28665, Scottsdale, Arizona 85255-0161

Phone: 623-202-3500 Fax: 480-513-2782

E-mail: [asphcog@aol.com](mailto:asphcog@aol.com) Website: [www.phcog.org](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 offers the following awards and grants for the year 2004:*

<b>A Awards &amp; Grants for Students...</b>	<b>B Awards and Grants for Active Members...</b>	<b>C Other Sponsored Awards</b>
<ol style="list-style-type: none"> <li>1. Student Research Award</li> <li>2. Undergraduate Res. Award</li> <li>3. The Kilmer Prize</li> <li>4. Travel Grants for Graduate Students</li> <li>5. ASP Student Poster Awards</li> </ol>	<ol style="list-style-type: none"> <li>1. Research Starter Grants</li> <li>2. Travel Grants for Active Members</li> <li>3. Matt Suffness (Young Investigator Symposium) Award</li> </ol>	<p>The Pharmanex Prize... p.10</p> <p><b>D ASP Research Achievement Award... p.11</b></p>

## **A Awards and 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 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. Up to two awards will be made in any one year. The research paper should conform in general to the format of the Journal of Natural Products. 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. 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 below). ***The deadline for submission of the research paper is March 31, 2004.***

### **2. Undergraduate Research Award**

The ASP Undergraduate Research Awards consist 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. ***Persons interested in submitting an application for consideration should send the following before March 31, 2004:***

- 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.
- A transcript of all college work attempted.
- A curriculum vitae.
- 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.
- A self-addressed stamped postcard (no smaller



# ... ASP AWARDS & GRANTS - 2004



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. Funds, as available, will be offered to these Award winners to help support their travel and other costs associated with attendance at the annual meeting.

### 3. The Kilmer Prize

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. Applicants for Student Research Awards will automatically be considered for the Kilmer Prize and should not submit a separate application, but should submit the required status documents. Other applicants should submit a full research paper (introduction, experimental, results, discussion and references, with figures and tables as appropriate) and a letter certifying status from the university registrar or graduate dean. ***The deadline for submission of applications is March 31, 2004.***

*Nature of Award:* The Kilmer Prize consists of a gold key, suitably inscribed, bearing the likeness of Dr. Kilmer. The American Pharmaceutical Association 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, as necessary, the costs associated with attendance at the annual ASP meeting.

### 4. 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 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. ***Applications are due March 31, 2004.***

### 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 poster presenter and at the poster 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/layout, 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 that have not yet received major external funding.

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/her current funding. A curriculum vitae of the investigator must be included with the proposal and

*Continued on page 10....*



....Continued from page 9

budget. ***The deadline for submission of application for these grants is March 31, 2004.***

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 after 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. ***The deadline for submission of applications is March 31, 2004.***

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.**

## 3. Matt Suffness (Young Investigators Symposium) Award

This award, formerly known as the "Young Investigators' Symposium" is a forum for younger natural products scientists to present the results of their research and gain timely recognition from their colleagues for their contributions to the science.

The Awards and Funds Committee has been charged with the selection of speakers according to the following procedure and criteria:

- ◆ 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.
- ◆ Nominees must be ASP members.
- ◆ 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).
- ◆ A nomination must be accompanied by the nominee's CV, an abstract of the presentation proposed by the nominee, and relevant reprints. Selected speakers will be invited to submit a short

review paper to the Journal of Natural Products.

- ◆ Nominations will be solicited in the Newsletter, on the Website, and from recipients of the Research
- ◆ Achievement Award. Self-submissions will not be accepted.
- ◆ Nominations will only be accepted from active ASP members.
- ◆ The Awards and Funds Committee must keep in close contact with the appropriate ASP meeting Scientific Program Committee.
- ◆ ***The deadline for this year's award is March 31, 2004***

The Matt Suffness Award will consist of Registration at the annual meeting of the ASP plus \$1,000 to help offset the costs associated with travel and attendance at the conference.

### How to Apply?

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

**Tawnya C. McKee**

NCI at Frederick, BLDG 560-15

Frederick, MD 21702-1201

Phone: (301) 846-1943; Fax: (301) 846-6177

e-Mail: [mckee@ncifcrf.gov](mailto:mckee@ncifcrf.gov)

## **C** Other Sponsored Awards Pharmanex 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.

**Pharmanex Prize Selection Committee**

John H. Cardellina II, *Chair*  
Gordon Cragg, Ph.D.,  
James B Gloer, Ph.D.,

**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](mailto:jcardellina@ncifcrf.gov)**

***Submissions must reach the chairman no later than March 31, 2004.*** Applications will not be returned. On request, the Committee will hold unsuccessful submissions for reconsideration in future years.

The first Pharmanex Prize was awarded at the interim ASP meeting held at Asilomar State Park in California from November 8-11, 2001.

**Note: 1. Membership in the ASP 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 - 2005**

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  
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 - (Late) D. John Faulkner

### **Call for Nominations for 2005**

Nominations for 2005 Award are due by **May 15, 2004** 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](mailto:james-gloer@uiowa.edu)





## ASP Welcomes New Members

### FULL MEMBERS

**Graham Wright**  
*Camb. Healthtech Inst.*  
*Newton Upper Falls, MA*

**Cuiping Chen**  
*Rutgers Univ.*  
*New Brunswick, NJ*

**Scott W. Luckman**  
*Wyeth, Ringwood, NJ*

**Ramaiah Muthyala**  
*Univ. of Minnesota, MN*

**Mai Li**  
*Univ. of Tennessee*  
*Knoxville, TN*

**Robert L. Arslanian**  
*Kosan Biosciences*  
*Pacific, CA*

**Michael W. Hesler**  
*Preservation Sciences, Inc.*  
*St. Petersburg, FL*

**Tanya L. Jackson**  
*FDA, College Park, MD*

**Rihab F. Angawi**  
*King Abdulaziz Univ.*  
*Jeddah, Saudi Arabia*

**Jason J. Clark**  
*Herbalife*  
*Manhanttan Beach, CA*

**Christine Salomon**  
*Univ. of Minnesota*  
*St. Paul, MN*

**A. Ramachandran**  
*Tiruchirapalli, India*

**Aaron M. Socha**  
*Univ. of Rhode Island*  
*Narragansett, RI*

**Thomas E. Prisinzano**  
*Univ. of Iowa*  
*Iowa City, IA*

**Sonia R. Peter**  
*Dept. of Chemistry*  
*Barbados Comm. College.*  
*Bridgetown, Barbados*

**Ephraim P. Lansky**  
*Rimonest Ltd.*  
*Haifa, Israel*  
**Hellen A. Oketch-Rabah**  
*Univ. of Cal., Berkley*  
*Walnut-Creek, CA*

### ASSOCIATE MEMBERS

**Michael Tims**  
*Univ. of Maryland*  
*College Park, MD*

**Ricardo E. Reategui**  
*Univ. of Iowa*  
*Iowa City, IA*

**Elizabeth A. Baronas**  
*Tufts University*  
*Hanover, MA*

**Olga M. Duarte Silva**  
*Fac. of Pharm., U. of Lisbon*  
*Lisboa, Portugal*

**Mohan Thakare**  
*Blacksburg, VA*

**Guan-Jen Sung**  
*San Mateo, CA*

**Cuiying Ma**  
*Chicago, IL*

**We hope to see all our new members at the Phoenix,  
AZ meeting, July 31- August 4, 2004**

## The ASP Foundation News

### The ASPF And You Make A Difference

Your American Society of Pharmacognosy Foundation (ASPF) is making a difference in the lives and work of young scientists and in the health of our Society's scientific community. Those of you who provide support beyond annual dues payments do make it a great difference.

Your donations to the ASPF are essential to maintain our expanding programs in grants, awards, and prizes. Please when you receive ASPF Chairman Cassady's Annual Campaign Appeal Letter, contribute to this wonderful cause. As we approach the end, our Society's first half century, let us celebrate with a strong, financially secure Foundation ready to expand its support in assisting the ASP and its mission.

**ASP - Foundation Expresses sincere thanks for your  
generous contribution & wishes you Happy New Year 2004 !**



Editor-in-Chief **Professor Edzard Ernst**  
US Editor **Brian Berman**



# FACT

## Focus on Alternative and Complementary Therapies

An evidence-based approach

- Identifies the important papers
- Summarises their content
- Comments on the results
- Saves you time!

'...brings together a broad range of relevant information in one journal, saving the busy practitioner both time and money.' JAMA

'I am very impressed with FACT, which is an excellent review of what has (or has not) been shown to be effective in complementary medicine'

Professor J S Garrow, Editor, European  
Journal of Clinical Nutrition

'An excellent journal that comes well recommended'

British Homeopathic Journal

Please contact us via email at  
**pharmpress@ameritech.net** if you are inter-  
ested in receiving special pricing on **FACT**  
through your membership with the  
**American Society of Pharmacognosy**

## ASP -- Employment Service

The Society 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 ad 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 to 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 may 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.**

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

### *For further information 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](mailto:kennelly@lehman.cuny.edu)**

**Visit the ASP Job Service Website at:**  
**[www.phcog.org/employment.html](http://www.phcog.org/employment.html)**

**Visit the American Society  
of Pharmacognosy's  
Website at:**  
**[www.phcog.org](http://www.phcog.org)**



## MEETINGS

### Future ASP Meetings

#### 2004 -

International Research Cong. 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, Crystal City, MD

### Other Meetings

#### May 5-8, 2004-- Gargnano, Garda Lake, Italy

*Future Treads in Phytochemistry -- A Young  
Scientists Symposium*

##### For more details contact:

**Prof. dr. F. Tomie,**  
Dipartimento di Biologia, via Celoria 26,  
20133 Milano, Italy  
Tel: +39-02-5031-4773 Fax: +39-02-5031-4764  
Email: franca.tome@unimi.it  
<http://users.unimi.it/ftpsymp>

#### August 28-31 2004 --Tokyo, Japan

*The 3rd International Conference on  
Countercurrent Chromatography*

##### Contact Information:

**Dr. Kazufusa Shinomiya**  
Div. of Anal. Chem. College of Pharmacy  
Nihon University  
7-7-1, Narashinodai, Funabashi-shi  
Chiba 274-8555, Japan  
Tel: +81-47-465-5853 Fax: +81-47-465-2158  
Email: kshino@pha.nihon-u.ac.jp

#### November 21-27 2004 --New Delhi, India

*International Conference on Natural  
Products and Heterocyclic Chemistry  
in the 21st Century.*

##### For more details Contact:

**Prof. Ramesh Chandra** (Chair, org. com)  
University of Delhi, India  
E-mail: [acbrudu@hotmail.com](mailto:acbrudu@hotmail.com)

**Dr. Ramesh Pandey** (Secretary)  
XeChem International Inc., NJ, USA  
E-mail: [Xechem@erols.com](mailto:Xechem@erols.com)

## DID YOU KNOW ?

### ☐ That... Federal Agencies Are Taking Action Against Dietary Supplement Fraud?

...Food & Drug Administration (FDA) is taking vigorous actions against firms that prey on consumers and patients by selling worthless dietary supplements as cures for serious and chronic diseases and conditions.

◆ **Seasilver:** The Federal Trade Commission (FTC) and the FDA took legal action against two companies promoting a dietary supplement called **Seasilver** for making claims of safety and benefits to health that are not supported by scientific evidence. Seasilver has been marketed as a treatment or cure for over 650 diseases, including AIDS and cancer, and for weight loss. **Supplies of Seasilver were seized, and marketing was halted.**

◆ **Coral Calcium Supreme:** The FTC and the FDA took similar actions against companies and individuals marketing **Coral Calcium Supreme**, which has been advertised as a treatment for cancer, multiple sclerosis, lupus, heart disease, and high blood pressure-- health claims that the agencies found to be false and deceptive. **They ordered product advertising halted and issued warnings to Web site operators.**

### ☐ That...An Ordinary Cup of Tea May Be a Powerful Infection Fighter?

...Researchers report in the "Proceedings of the National Academy of Sciences", that a chemical, "L-theanine", found in tea boosts the body's defense five-fold against diseases. The chemical primes immune system cells to attack bacteria, viruses and fungi and could, perhaps, be turned into a disease-fighting drug someday...Dr. Jack F Bukowski and coresearchers isolated this substance, "L-theanine", from ordinary black tea. This substance is found as well in green and oolong tea, which also are processed from traditional tea tree leaves.



## News For Researchers

### NCCAM Accepting Applications For RFA on BRC

Botanical Research Center (BRC) Requests For Applications (RFA) is out in National Institutes of Health (NIH) guide:

- ◆ The RFA..... "Dietary Supplement Research Centers: Botanicals"
- ◆ Released..... in NIH Guide on 12/22/03
- ◆ Letters of Intent..... May 18, 2004
- ◆ Applications due date..... June 15, 2004

**For Details Visit:**

**<http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-04-002.html>**

## Renew Your ASP Membership Online

Your membership dues and Journal of Natural Products (JNP) subscriptions for 2004 are now payable. We have established an online membership renewal system. Through this secure system you can pay via credit card or via check to be mailed to the address given below.

To pay your dues for 2004 and order your 2004 subscription to JNP you need to:

- Log into the ASP Membership Directory at **[www.phcog.org](http://www.phcog.org)**,
- Press the "**My Profile**" tab. There is a field "**Paid Dues 2004.**" An "N" indicates that your dues have not been paid for 2004.
- Clicking on the "**Pay Dues**" 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 indicating what the payment is and the mailing information if you are paying by check.

#### PLEASE NOTE:

- If you have not accessed the Membership Directory as yet, the user name is **asp** and the password is your ASP account number. These can be changed after you login for the first time. 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 in the Membership Directory before moving to pay your dues. Your contact information changes can only be made on the Membership Directory website.

- Please e-mail at (**[asphcog@aol.com](mailto:asphcog@aol.com)**) if you are having problems with the system. If you want a hard copy of invoice by mail/fax or any questions, contact:

**David J. Slatkin, Ph.D., Treasurer**

American Society of Pharmacognosy

P.O. Box 28665

Scottsdale, Arizona 85255-0161

**Phone: 623-202-3500 / Fax: 489-513-2782**

**email: [asphcog@aol.com](mailto:asphcog@aol.com)**



## FIRST CLASS

TO

David J. Slatkin, Ph.D. Treasurer  
Treasurer, The American Society of  
Pharmacognosy, PO Box 28665,  
Scottsdale, Arizona 85255-0161

## 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

- Dr. Arnold Brossi, *National Institutes of Health, Maryland* • Dr. David P. Carew, *University of Iowa*
- Dr. Gordon C. Cragg, *National Cancer Institute/NIH, Frederick, Maryland*
- Dr. Norman R. Farnsworth, *Univ. of Il at Chicago* • Dr. R. Hegnauer, *Leiden, Netherlands*
- Dr. Albert Hofmann, *Switzerland* • Dr. S. William Pelletier, *University of Georgia, Athens*
- Dr. James E. Robbers, *Purdue University, West Lafayette*
- 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 28665, Scottsdale, Arizona 85255-0161

## 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*

### Send information to:

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