ASP News

Spring 2004 (188) Vol. 33, No. 2

The Seattle Westin, site of the 32nd Annual ASP Meeting. Photo courtesy of the Seattle Westin.

IN THIS ISSUE

32nd Annual ASP Meeting

Seattle, WA (July 10–14, 2004)

Over the past few months, members of the Program Committee have put tremendous effort into assembling the scientific program for the 2004 annual meeting. As you can see from the program printed in this issue of the *Newsletter,* our meeting promises to be informative and exciting. Special effort has been made to ensure that all divisions are well represented.

The meeting will open on Saturday, July 10 with a keynote lecture by **Rox Anderson**, a pioneer in the development and use of lasers in photomedicine. Rox was recently appointed as Director of the Wellman Laboratories of Photomedicine at Harvard Medical School. The Award Lectures and President's Lecture are on Sunday morning and the first ASP/ESP joint symposium is on Monday. The ASP/ESP symposium, "UV and Global Climate Change", is organized by **Donat Häder** and **J. Malcolm Shick**. Poster sessions will take place daily from 12 noon to 2 PM. To encourage the participation of the authors of submitted abstracts, three oral presentation sessions, selected from contributed abstracts, have been planned.

Seattle is a lovely and vibrant city to visit. The meeting venue, Westin Hotel, is in a very pleasant area of downtown Seattle. Many local attractions are within walking distance or a short ride away. It is an ideal time to learn about the latest developments in photobiology and to also enjoy the beautiful city of Seattle.

I hope to see many of you in July!

Henry W. Lim
Chair, Scientific Program Committee

Seattle's Elliot Bay, with Mount Rainier (14,411 feet) in the background. Photo courtesy of the Seattle Convention and Visitors Bureau.

Message from the President

I hope that the first quarter of 2004 has been good to all of you. The meeting being organized by Henry Lim and the Scientific Program Committee looks terrific and Seattle is sure to be a gem. It will be a splendid opportunity for us to meet and share what we have recently learned about photochemistry and photobiology.

Regarding ASP business, the Council and I have made an effort to keep you abreast of developments regarding the change from annual to biennial meetings. The issues have been laid out in detailed messages to the membership and an electronic discussion board has been set up on the business office web site. Please share your opinion by posting your thoughts on this discussion board. We look forward to hearing from you.

The Council will vote soon on amendments to the bylaws that will change the ASP to a biennial meeting format. This will give the Council flexibility to schedule future meetings to improve our interactions with sister societies, such as the ESP and the International Congress. If the Council approves these amendments, and a straw poll indicates it will, they will be brought before the general business meeting in Seattle for ratification. The immediate consequence of this action is that the 2005 ASP meeting will be canceled. Instead, ASP members will be encouraged to attend the 2005 ESP meeting in Aix-les-Bains, France.

I look forward to the Seattle meeting and hope to see many of you there!

Tom Moore
ASP President

ASP News

Published quarterly by the American Society for Photobiology

www.photobiology.org

Editor

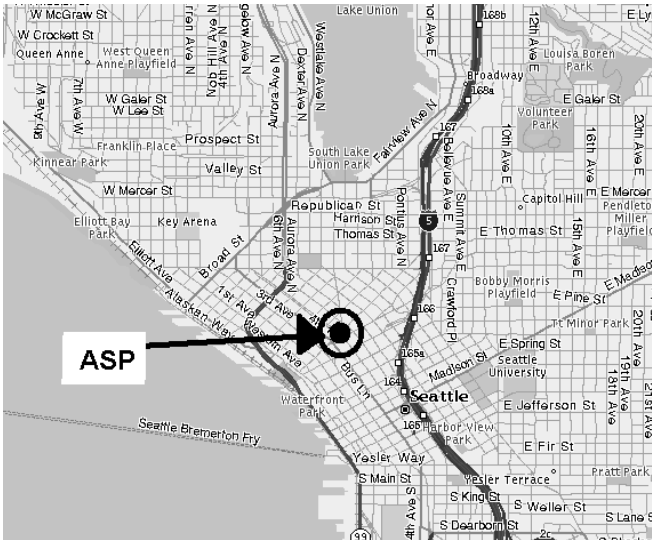
Peter A. Ensminger, Ph.D.
256 Greenwood Place
Syracuse, NY 13210
Tel: 315-478-6024
E-mail: ensmingr@twcny.rr.com

Layout

Tracy A. Newman
E-mail: tnewman@everestkc.net

Letter from the Editor

After two consecutive years of meeting on the east coast, this year's Annual Meeting will be on the other side of our continent - Seattle - from July 10-14. The deadline for submission of abstracts is **May 2**. You can register and submit your abstracts online by following the links at the top of the society homepage, www.photobiology.org.



The Seattle Westin, at 1900 Fifth Avenue, is just five blocks from the famous Pike Place Market and only one block from a monorail to the Space Needle.

In addition to the stimulating scientific program prepared by Henry Lim and the Program Committee, Seattle itself has much to offer. Seattle is well known for its coffee, and you will find that cafés abound throughout the city. Later in this issue, I have provided a list of coffee lingo for those of you from the more coffee-deprived locations. Seattle also has an abundance of breweries for your nighttime libations. Sources tell me that two of Seattle's best brewpubs are within easy walking distance from our hotel. The Elyssian Brewing Company (1221 E Pike St Seattle) is about a mile east of the Westin Hotel and the Pike Brewery & Pub (1415 First Avenue) is about a half mile west. Finally, if you have time before or after the meeting, why not take in some fresh air and exercise at Olympic National Park (about one hour west), Mount Rainer National Park (about one hour south) or Mount Saint Helens National Monument (about 2 hours south). See you in Seattle!

Attention Associate Members!

The 32nd annual meeting is quickly approaching. Now is the time for all associate members to get involved. Check out the scientific program and note that the mentoring lunch has been moved to Sunday. We hope this will increase the interactions between associate members and mentors. Look for information about the luncheon in the weeks leading up to the annual meeting. Consider submitting an abstract for a poster session or a talk during a contributed paper session.

Why not attend the business meeting and learn more about how our society operates? There are many opportunities for associate members to become involved. Throughout the annual meeting there will be chances for the associate members to gather. Look for information in your registration packet.

If you have read the two previous issues of this newsletter, you will know that the ASP council is considering changing from an annual to a biennial schedule for its meetings. This could have a large impact on associate members. Traditionally, we have attended annual meetings with support from our advisors, institutions, and the ASP. On years when the ASP meeting would not be held, members could attend the meeting of the ESP, but this entails larger travel expenses as it is usually held in Europe. Is this change in the best interests of the associate members? Check out the discussion board on the web site of the ASP business office and let us know what you think.

I welcome the opportunity to hear from any member who has suggestions or comments about how to increase the quality of the associate member experience in this society. Feel free to contact me by email at LELamb@chem.duke.edu or by phone at (919) 660-1630.

Laura E. Lamb
Associate Member Council Representative

Recently Deceased

John Connolly, long time ASP member and former editor of *ASP News*, and Claude Hélène, renowned for his research on DNA photochemistry, recently passed away. Full obituaries of these distinguished scientists will appear in the next issue of *ASP News*.

Interview with Tito Scaiano

Fall 2003 issue of ***The Spectrum***

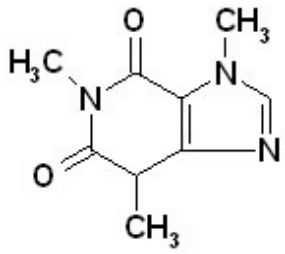
The most recent issue of *The Spectrum* features an interview with Tito Scaiano. Tito is a longtime member of the ASP, the previous editor of *Photochemistry & Photobiology,* and has been called "a global dean of photochemistry" by the Natural Sciences and Engineering Research Council of Canada". *The Spectrum* is a scientific newsletter published by the Center for Photochemical Sciences of Bowling Green State University. All issues are available for free download at: www.bgsu.edu/departments/photochem/spectrum.html.

Scientific Program
32nd Annual ASP Meeting
Seattle, WA (July 10-14, 2004)

Time	Sat 7/10	Sun 7/11	Mon 7/12	Tues 7/13	Wed 7/14
7 – 9 AM		Cont breakfast Poster viewing	Cont breakfast Poster viewing	Cont breakfast Poster viewing	Cont breakfast Poster viewing
8 – 9		Photobiol School Lecture I "Plant optics" Thomas Vogelmann	Photobiol School Lecture II "The many different chemistries, diverse biological functions and numerous practical applications of bioluminescence" J. Woodland Hastings	Photobiol School Lecture III "Photodermatology: erythema, pigmentation and light source" Nikiforos Kollias	

Time	Sat 7/10	Sun 7/11	Mon 7/12	Tues 7/13	Wed 7/14
9 – 12	10 – 11 AM Executive Comm meeting 11 – 4:30 PM Council meeting	9-10: ASP Award lecture 10-11: New Investigator Award lecture 11-12: President's lecture	4 sessions **(sessions B1-4)**: 1. "New approaches and new results in basic studies of bioluminescence" Bruce Branchini & Fred Tsuji 2. "UV and global climate change" ASP / ESP joint symp Donat Häder & J. Malcolm Shick 3. "Mechanisms of protein oxidative damage" Michael Davies & Lisa Kelly 4. "Immunological aspects of PDT" Mladen Korbelik	4 sessions **(sessions D1-4)**: 1. "Quorum sensing, environmental and behavioral aspects of bioluminescence" Margaret McFall-Ngai & J. Woodland Hastings 2. "UV effects in terrestrial ecosystem" Donald Krizek & Linda Chalker-Scott 3. "Photoreceptors in photomovement" Wolfgang Gärtner 4. "Photoimmunology" Gary Halliday & Faith Strickland	4 sessions **(sessions F1-4)**: 1. "Basic mechanisms in non-visual photoreception / circadian biology" Michael Menaker 2. "Div. 5 Contributed papers" Helene Hill & John Streicher 3. "Div. 4 Contributed papers" Steve Ullrich and Dennis Valenzeno 4. "Melanocytes and Melanoma" Frances Noonan & Thomas Hornyak
12 – 2 PM		EXHIBIT Mentoring lunch	EXHIBIT Past Presidents' lunch	EXHIBIT	
12:30 – 2		Poster session I **(Div 1 & 2)**	Poster session II **(Div 3 & 5)**	Poster session III **(Div. 4 & 6)**	
2 – 5		4 sessions **(sessions A1-4)**: 1. "Rhodopsins and vision" Rosalie Crouch 2. "The full UV story" Robert Sayre and Dianne Godar 3. "Mechanisms of DNA oxidative damage" Christopher Foote 4. "PDT in vivo: from mouse to man" Barbara Henderson, Charles Gomer, Theresa Busch	4 sessions **(sessions C1-4)**: 1. "Applications of bioluminescence and fluorescence imaging in medicine and medical research: Luciferases as reporters of gene expression" Yoshihiro Ohmiya & Douglas G. McMahon 2. "Photoprotection and photoaging" Henry W. Lim and Sewon Kang 3. "Biological/single molecule imaging" Linda Johnson 4. "Cellular response of PDT" Hasan Mukhtar & Tayyaba Hasan	4 sessions **(sessions E1-4)**: 1. "Green fluorescence protein: Structural basis of properties and activities" Marc Zimmer & Peter J. Tonge 2. "Div. 1 Contributed papers" John Simon & Laura Lamb 3. "Photosensory reception mechanisms" Tom Ebrey 4. "Photocarcinogenesis" Vivienne Reeve, Ed DeFabo & Frank de Gruijl	

Coffee Lingo



Caffeine, the active ingredient in coffee.

When you're at the ASP Annual meeting this summer, you will certainly see why Seattle is known as the coffee capital of America. The brief glossary below may help you with your visits to the Seattle cafés.

Barista: professional coffee maker.

Caffé Americano: espresso diluted with hot water.

Caffé Breve: espresso drink made with half-and-half instead of milk.

Caffé Latte: espresso drink with about 75% steamed milk.

Caffé Mocha: Caffé Latte with chocolate; methods of preparation vary, but often served with whipped cream or foamed milk on top.

Cappuccino: espresso drink made with steamed milk, with foamed milk and (traditionally) cinnamon on top.

Chai: tea that is combined with spices and mixed with milk; served hot or cold.

Crema: brown foam that covers the surface of espresso.

Demitasse (half cup): a small cup often used to serve espresso.

Double (doppio): double shot of espresso, typically about two ounces.

Dry: applied to a cappuccino that has foam, but no liquid milk.

Espresso: concentrated coffee drink that is made by forcing hot water through very dark roasted coffee grounds.

Espresso con Panna: espresso drink served with whipped cream on top.

Espresso Macchiato: single shot of espresso with milk foam on top

Hammerhead: espresso drink that consists of a shot of espresso in a cup of drip coffee; also called **Shot in the Dark**, **Speed Ball**, **Red Eye**, **Depth Charge**, **Caffé M.F.**, etc.

Single (solo): single shot of espresso, typically about one ounce.

Skinny harmless: decaf Caffé Latte made with skim or low-fat milk; also called a **Why Bother**.

Vegan Latte: Caffé Latte made with soy milk.

Wet: applied to a cappuccino that has foam and liquid milk.

ASP Web Site Survey

Unfortunately, there was a very meager response to the recently completed ASP web site survey, with only 42 respondents of our nearly 1000 members. Perhaps members were reluctant to participate, now that we are in the era of spam, viruses, worms, and Trojans. I have no reason to believe that we have a representative sample, but will nonetheless present the full survey results on the ASP web site, www.photobiology.org.

Please feel free to email me (ensmingr@twcny.rr.com), Linda Hardwick (ASP Business Office, lhardwick@allenpress.com) Frances Noonan (President-elect, drmfpn@gwumc.edu), or Tom Moore (President, TMoore@asu.edu) at any time with your suggestions about the ASP web site. We really look forward to hearing from you.

-PAE

Candidates for ASP Councilors

(vote for five)

Ballots for election of the ASP President and ASP Councilors will be mailed on March 15th to all active members. Statements from prospective Presidents (Lisa Kelly and Daniel Yarosh) appeared in the previous issue of the newsletter, available from our web site, www.photobiology.org.

Please vote! Your input is very important to the Society.

Carl Hirschie Johnson

Division 2 (Photosensory Biology)
Department of Biological Sciences Box 1634-B
Vanderbilt University
Nashville, TN 37235 USA

Education: University of Texas, BA, 1976; Stanford University, PhD, 1982; Harvard University, postdoctoral research, 1982-87.

Appointments: Professor of Biological Sciences, Vanderbilt University (1999-present), Associate Professor (1994-1999), Assistant Professor (1987-1994).

Research Interests: circadian clocks, bioluminescence, photobiology, bioluminescence technique development (e.g., BRET), and cell biology.

ASP Service: Symposia speaker at ASP meetings in 1984, 1999, and 2001; reviewer and "informal" Associate Editor for *Photochemistry & Photobiology*.

Candidate's statement: As Councilor, I will listen to the needs and concerns of ASP members, and attempt to improve the balance at ASP meetings between presentations of basic research versus applied research, so as to facilitate communication and interaction between scientists working on different parts of the photobiological spectrum.

Michael R. Hamblin

Division 1 (Photochemistry, Photophysics, Phototechnology)
Wellman Center for Photomedicine,
BAR314B, Massachusetts General Hospital,
Harvard Medical School
Boston, MA 02114 USA

Education: University of Exeter, UK, BSc, 1970; University of Kent, UK, MSc, 1972, Trent Polytechnic, UK, PhD, 1977; postdoctoral research: New University of Ulster, Cambridge University, Leicester University, 1978-89.

Appointments: Nine wells Hospital and Dundee University, Associate in Surgery 1990-93; Wellman Laboratories of Photomedicine, Instructor 1994-1996, Assistant Professor 1997-present.

Research Interests: Targeted photodynamic therapy, PDT for anti-tumor immunity, PDT for detection and treatment of vulnerable atherosclerotic plaque, PDT for localized infections, *in vivo* fluorescence and bioluminescence imaging, laser-activated tissue glues.

ASP Service: Attended and presented at ASP meetings since 1993; invited speaker on many occasions; peer-reviewer for *Photochemistry & Photobiology* since 1996.

Candidate's statement: I believe that the ASP should broaden its appeal to the scientific community by re-examining the areas covered by the general heading of the "interaction between light and living organisms". These somewhat new areas might include hot topics such as molecular optical imaging, optical diagnostics and some areas of laser medicine. I agree that ASP meetings should be every two years in alternation with ESP meetings as these meetings frequently attract the same people. Once this arrangement becomes widely known it will increase attendance at both meetings in a reciprocal cross-attendance. I think that *Photochemistry & Photobiology* should decrease the time between submission, decision and publication of manuscripts, as this is becoming one of the major "selling points" of journals.

Donna F. Kusewitt

Division 5 (Environmental Photobiology and UV Effects)
Department of Veterinary Biosciences
The Ohio State University
1925 Coffey Road
Columbus, OH 43210 USA

Education: University of Missouri, BA, 1973; University of Missouri, DVM, 1977; University of Illinois, residency, 1978-80; Lovelace Inhalation Re-

(Continued on page 7)

(Continued from page 6)
search Institute, post-doctoral fellowship, 1980-82; University of New Mexico School of Medicine, PhD, 1983-1987.

Appointments: Research Scientist, Lovelace Research Foundation, 1988-96; Staff Pathologist, National Center for Toxicologic Research, 1996-97; Research Associate Professor, University of New Mexico School of Medicine, 1997-00; Associate Professor and Professor, The Ohio State University, 2000-present.

Research Interests: I am a board-certified veterinary pathologist with doctoral training in molecular biology. Since 1988, I have been engaged in photobiology research, first at the Lovelace Research Foundation, then at the University of New Mexico School of Medicine, and presently at The Ohio State University. My research is in the area of photocarcinogenesis, with emphasis on tumor promotion. I am particularly interested in developing, characterizing, and implementing genetically altered mouse models suitable for use in skin carcinogenesis studies. I am the director of the Mouse Phenotyping Shared Resource and served as Editor-in-Chief of the journal *Veterinary Pathology* for four years.

ASP Service: I have attended and presented at ASP meetings since 1993; I am an invited speaker for this year's meeting. I have published a number of articles in *Photochemistry and Photobiology*.

Candidate's statement: The topics that I think are of special concern to the ASP include increasing membership, improving attendance at meetings, and enhancing interactions with related organizations. I would favor having meetings every other year, increasing the number of travel awards to young investigators to attend these meetings, bringing in guest speakers working at the cutting edge of photobiology, and sending official representatives to meetings such as the annual meeting of the Society for Investigative Dermatology.

Edward C. De Fabo

Division 5 (Environmental Photobiology and UV Effects)
Department of Environmental & Occupational Health and Department of Immunology
Ross Hall
The George Washington University
School of Public Health and School of Medicine
Washington, D.C. 20037

Education: King's College, PA, BS, 1958; University of Virginia, MEd, 1965; The George Washington University, PhD, 1974 (Smithsonian Fellow).

Appointments: US EPA, member of Biological and Climatic Effects Research Staff: Establishing national research program on stratospheric ozone loss and impacts of increased UVB; Senior Research Scientist, Frederick Cancer Research Center, Frederick, MD: Photobiology of immune suppression; Research Professor, The George Washington University; Director, Laboratory of Photobiology & Photoimmunology.

International Appointments: Chairman, Scientific Committee on Problems of the Environment (SCOPE): Effects of increased UVB due to ozone depletion on the biosphere including human health (3 reports); Chairman, International Arctic Scientific Committee (IASC): Effects of increased ultraviolet radiation in the Arctic due to ozone depletion (2 reports). Global ozone award winner, 10^{th} anniversary signing of the Montreal Protocol to protect the ozone layer.

Research Interests: Photoimmunology of immune suppression by urocanic acid: delineating pathway of energy transduction from initial absorption by UCA to changes in antigen-presenting cells in spleen and lymph nodes. Photobiology of melanoma: identification of the active waveband(s) for melanoma induction in the HGF/SF mouse, a mammalian mouse model which produces melanoma tumors closely related to human melanoma.

ASP Service: Charter member of the ASP; member of ASP council; director of Congressional Science Fellowship program for the ASP in collaboration with the Biophysical Society; attended and presented at most annual ASP meetings; ASP symposium organizer or co-organizer for several symposia in photoimmunology.

Candidates Statement: It is clear that photobiology has yet to enter the main stream of scientific thinking, based on the lack of photobiologists serving on study sections of most major funding institutions. Although we live in a "sea of light", appreciation for the effects of light on biological systems is hardly ever taken into account, even in everyday living, except by specialists such as photobiologists. In my opinion, there is still much to be learned with regard to the fascinating aspects of light and its interactions with the biology, chemistry and physics of living systems. If elected, I would focus my energies on getting

(Continued on page 8)

(Continued from page 7)
photobiology into the everyday lexicon of scientists and non-scientists alike. I would do this through strengthening educational programs in secondary schools as well as colleges and universities and in public affairs programs, proselytizing for the need for strong support for photobiological studies. Areas such as environmental and ecological studies as well as health studies are some of the areas of photobiology that I would work hard to strengthen. I support the idea of a meeting every two years and would work hard to strengthen ties with the international photobiology community.

Patrick J. Neale

Division 3 (Photosynthesis, Bio- and Chemiluminescence)
Smithsonian Environmental Research Center
P.O. Box 28
Edgewater MD, 21037 USA

Education: State University of New York, Purchase, BA, 1976; Columbia University, MA, 1981, UC Davis, PhD, 1985; Postdoctoral Fellow, Department of Plant Biology, UC Berkeley 1985-88; Visiting Research Scientist, Freshwater Biological Association, UK, 1986 & 1988

Appointments: 1993- present, Photobiologist and Supervisory Photobiologist (Research Scientist), Smithsonian Environmental Research Center; 1990-93, Adjunct Scientist, Bigelow Laboratory for Ocean Sciences; 1988-93, Research Fellow, Department of Plant Biology, UC Berkeley.

Research Interests: Effects of ultraviolet radiation on marine algae and other aquatic organisms; spectral dependence of UV effects on algal photosynthesis and microbial growth; variation of solar UV-B in relation to atmospheric properties; optics of UV transmission in aquatic habitats.

ASP Service: Member of the Society since 1996; contributed to journal, reviewer for journal, attendee and speaker at annual meetings; organizer of symposium for 2002 meeting.

Candidate's Statement: I am involved with a range of activities and groups concerned with UV and its effects. In addition to my research on UV effects in the aquatic environment and UVB monitoring, I also co-chair a US inter-agency working group on UV monitoring and effects, and serve as curator for an exhibit on atmospheric chemistry and UV at the National Museum of Natural History. My overall goal as ASP Councilor would be to ensure that council actions appropriately reflect the diverse interests and concerns of the UV research community, including optical, biological, chemical and health. I will work to promote the position of the society and journal as leading resources for understanding UV and its effects. I will also seek ways to expand the involvement of the environmental photobiology community in society activities by recruiting members, organizing symposia at meetings, and special issues of the journal. I think the society should continue to expand public outreach on issues of the UV exposure awareness, environmental impacts of UV, and health implications of UV exposure.

Régen Drouin

Division 5 (Environmental Photobiology and UVR effects)
Department of Pediatrics
Faculty of Medicine
University of Sherbrooke and
Department of Medical Genetics,
Centre Hospitalier Universitaire de Sherbrooke,
3001, 12e Avenue North
Sherbrooke, Quebec CANADA J1H 5N4

Education: University of Montreal, Quebec, Canada, MD, 1983; University of Montreal, Quebec, Canada, PhD, 1988; Fellow of the American Board of Medical Genetics, 1993; postdoctoral research: Beckman Research Institute of the City of Hope, Duarte, California, 1989-94; Fellow of the Canadian College of Medical Geneticists, 1996; Fellow of American College of Medical Genetics, 2002.

Appointments: Assistant Professor, Laval University, Quebec, Canada, 1994-03; Associate Professor at the University of Sherbrooke, Sherbrooke, Quebec, Canada 2003-present; Director of the Department of Medical Genetics at the University of Sherbrooke, Sherbrooke, Quebec, Canada 2003-present.

Research Interests: UV-induced DNA damage including mapping the photoproducts at the sequence level, effect of chromatin structure on the formation of photoproducts, DNA repair of photoproducts as well as factors and proteins that affect the efficacy of DNA repair. Photocarcinogenesis and the effect of melanin on skin cancer development.

ASP Service: Attended and presented at ASP meetings since 1995; invited speaker on several occasions; peer-reviewer for *Photochemistry & Photobi-*

(Continued on page 9)

(Continued from page 8)
ology since 1995; local organizer for the ASP meeting in Quebec City; responsible for presentation of 5 symposia on UV-induced DNA damage, DNA repair, and cellular response to UV.

Candidate's statement: I believe that the ASP should be more active in advising people regarding artificial UV exposure (tanning salons). Also, the ASP should be more involved in providing information to the public about the harmful effects of the UV radiation. The incidence of skin cancer continues to increase, so the ASP should lobby for more research into its prevention, diagnosis, and treatment. I believe that ASP meetings should be every two years in alternation with ESP meetings, as these meetings frequently attract the same people. Once this arrangement becomes established, it will increase attendance at both meetings with reciprocal cross-attendance. I think that a lot more graduate students and post-docs should attend the annual meetings. Accordingly, the ASP should set up programs and other mechanisms of encouraging graduate students and post-docs to attend ASP–ESP meetings and present where they present the results of their research.

Janet Morgan

Division 1 (Photochemistry, Photophysics, Phototechnology)
Department of Dermatology
Roswell Park Cancer Institute
MRC 258
Elm & Carlton Street
Buffalo, NY 14263 USA

Education: University of Bradford, UK, 1981, B Tech; University of Leeds, UK, MSc, 1982; University of London, UK, PhD, 1990; Universite Paris XII, Hospital Henri Mondor, Creteil, France, Postdoctoral, 1991-2.

Appointments: 1990:Guest Scientist, AN Bach Institute of Biochemistry, USSR Academy of Sciences, Moscow; 1990-91, Clinical Scientist, Department of Immunology, North London Blood Transfusion Centre, Colindale, UK; 1991-2 Royal Society European Exchange Fellow, Dept Urology, Henri Mondor Hospital, Creteil, France; 1992-95 Research Affiliate, 1996-current Cancer Research ScientistII/ Affiliate Member, Department of Dermatology, Roswell Park Cancer Institute, Buffalo, NY. 2001-current, Assistant Professor, Dept Clinical Laboratory Sciences, SUNY, Buffalo, NY.

Research Interests: Photodynamic therapy; mitochondrial based mechanisms of anticancer PDT; immune modulation by PDT.

ASP Service: Regular participant and Session Chair

Seattle's Pike Place Market. Photo courtesy of the Seattle Convention and Visitor's Bureau.


Seattle's skyline at dark. Photo courtesy of the Seattle Convention and Visitor's Bureau.

Upcoming Events

March 14-19, 2004; May 23-28, 2004; June 13-18, 2004; July 18-23, 2004; January 9-14, 2005; March 13-18, 2005
Protein Purification: Isolation, Analysis, and Characterization of GFP
Cook College, Rutgers University
New Brunswick, NJ
Contact:
William W. Ward
Tel: 732-932-9562 ext 216 or 212
E-mail: crebb@rci.rutgers.edu
Web site: www.rci.rutgers.edu/~meton/protein.html

March 16-18, 2004
AIBS Annual Meeting
Invasive Species: The Search for Solutions
Westin Grand Hotel
Washington DC
Contact:
Sue Burk
Tel: 800-992-2427
Fax: 703-790-2672
E-mail: sburk@aibs.org
Web site: www.aibs.org/annual-meeting-2004/

March 26-27, 2004
ESF-LESC Exploratory Workshop. Flavin-based Sensorial Photoreceptors: From Bacteria to Plants
Centro Santa Elisabetta
University of Parma, Italy
Contact:
Aba Losi
Tel: +39-0521-905293
Fax: +39-0521-905223
E-mail: losia@fis.unipr.it
Web site: www.fis.unipr.it/~losia/losiweb/Workshop.htm

March 31-April 4, 2004
Big "D" Lights up for Laser '04
Dallas, TX
Contact:
American Society for Laser Medicine and Surgery (ASLMS)
Tel: (715) 845-9283
Fax: (715) 848-2493
E-mail: information@aslms.org
Web site: www.aslms.org/

April 14-17, 2004
Biomedical Optics
Fontainebleau Hilton Resort & Towers
Miami, FL
Contact:
Optical Society of America
Tel: (202) 416-1907
Fax: (202) 416-6140
E-mail: cust.serv@osa.org
Web site: www.osa.org/meetings/topicals/BIOMED/

April 25-30, 2004
ARVO 2004 Annual Meeting
Association for Research in Vision and Ophthalmology
Fort Lauderdale, FL
Web site: www.arvo.org/root/index.asp

May 2, 2004
Abstract Submission Deadline
32nd Annual ASP Meeting
Seattle, WA (July 10-14, 2004)
Web site: www.photobiology.org

June 10-15, 2004
14th International Congress on Photobiology
International Convention Center
Jungmoon, Jeju (Cheju), Korea
Web site: photos.or.kr/ICP2004/

June 14-16, 2004
5th International Conference on Photostability of Drugs and Drug Products
Royal Pharmaceutical Society of Great Britain
Lambeth, London, U.K.
Contact:
Heiko Spilgies
E-mail: spilgies@photostability.org
Web site: www.photostability.org/

July 10-14, 2004
32nd Annual Meeting of the American Society for Photobiology
Westin Seattle, Seattle, WA
Contact:
Henry Lim
E-mail: HLIM1@hfhs.org
Web site: www.photobiology.org

July 24-28, 2004
Plant Biology 2004
ASPB's Annual Meeting
Disney Coronado Springs Resort & Convention Center
Lake Buena Vista, FL
Contact: Susan Rosenberry
Tel: 301-251-0560 ext 111
E-mail: chambers@aspb.org
Web site: www.aspb.org/meetings/pb-2004/

July 29-Aug 2, 2004
4th International Congress of Crassulacean Acid Metabolism
Granlibakken Resort
Tahoe City, CA
Contact:
John Cushman
E-mail: jcushman@unr.edu
Web site: www.ag.unr.edu/cam/meetings.asp

August 2-6, 2004
13th International Symposium on Bioluminescence and Chemiluminescence
Conference Center of Pacific Yokohama
Yokohama, Japan
Contact:
Akio Tsuji
Tel: +81-3-3784-8194
Fax: +81-3-3784-8247
E-mail: BXP02045@nifty.ne.jp
Web site: www2.unibo.it/isbc/Files/BC_Symnf.htm

August 29-September 3, 2004
13th International Congress on Photosynthesis
Montreal, Canada
E-mail: ps2004@uqtr.ca
Web site: www.uqtr.ca/ps2004/

October 10-14, 2004
Annual Meeting of the Optical Society of America
Rochester Convention Center
Rochester, New York
Web site: www.osa.org/meetings/annual/

June 13-16, 2005
European Conference on Biomedical Optics
Neue Messe
Munich, Germany
Web site: www.osa.org/meetings/topicals/ecbo/

September 3-8, 2005
11th European Society for Photobiology Congress
Aix-les-Bains, France