



# Newsletter

Editor: DR. VINCENT DE LEO, Department of Dermatology  
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No. 104 September/October 1986

## From the President's Desk

I attended the FIRST EUROPEAN CONGRESS OF PHOTOBIOLOGY, held September 7-12 in Grenoble, France. The meeting program was excellent, the weather was warm and sunny, and many good scientific discussions were held during fine meals. There were approximately 300 attendees (my estimate) including many European students and about 20 scientists from Eastern Europe. The four plenary sessions were: The Crystal Structure of the Photosynthetic Reaction Center from Rhodospseudomonas viridis (J. Deisenhofer); DNA Repair in vitro (A. Sancar); Excited States and Photochemical Reactions in DNA and DNA-Photosensitizer Complexes (C. Helene); and Photosensitizing Properties of Porphyrins and Photodynamic Therapy (G. Jori).

At a general assembly, the attendees voted to create a EUROPEAN SOCIETY FOR PHOTOBIOLOGY (ESP). The officers elected were: Past-President, K. Schaffner; President, G. Truscott; President-Elect, H. Honigsmann; Treasurer, R. Tyrrell; Secretary, J. Cadet; Officer, L. Szalay. I discussed with the officers and other members of ESP ways in which the ASP and ESP could act together to benefit researchers in photobiology. We plan to share newsletter information. I would appreciate suggestions from the membership on this topic.

Based on the program and attendance at this First European Congress of Photobiology, it appears that the ESP is off to a good start and that photobiology is very strong in Europe. I'm sure we all wish the ESP success. The Second Congress will be held September 6-11, 1987, in Padova, Italy.

Irene Kochevar

## New ASP Officers

Two new councilors have been appointed by Council to fill vacancies. PAUL A. JURINIC of the USDA Northern Regional Research Center in Peoria, Illinois and MICHAEL A. J. RODGERS of the Center for Fast Kinetic Research at the University of Texas in Austin will serve as Councilors until the Business Meeting at the 1987 Annual Meeting in Bal Harbour, Florida.

## ASP OFFICERS Call for Nominations

The Nominating Committee of the ASP, Chaired by Paul Loach, is soliciting nominations for President-Elect and Councilors. Nominations for offices to become vacant can be made by the Committee and also by a signed petition or letters from the Membership. Nominations for President-Elect may be made by ten (10) members in the form of a signed petition or letters. In addition, a written statement by the nominee of willingness to serve must be received.

The election of Councilors shall follow the same schedule as for the election of Officers. Nominations for a Councilor position may be made by five (5) members in the form of a signed petition or letters. In addition, a written statement by the nominee of willingness to serve must also be received.

In order that the names of persons so nominated may appear on the Ballot, petitions or letters must be received by the Society by December 19, 1986. The final list of nominees, arranged as a Ballot, and containing more than one name for each vacancy to be filled, shall be mailed to the Membership. The candidate for each office receiving the highest number of votes will be elected.

All Officers and Councilors shall take office at the end of the Annual Business Meeting.

Please address all Petitions/Letters and nominees' statements of willingness to serve to:

Richard J. Burk, Jr.  
Executive Secretary  
American Society for Photobiology  
1340 Old Chain Bridge Road, Suite 300  
McLean, VA 22101

REMEMBER -- IF YOU ARE ANTICIPATING A MOVE -- SEND YOUR CHANGE OF ADDRESS TO THE SECRETARIAT AS EARLY AS POSSIBLE. DO NOT WAIT UNTIL YOU HAVE MOVED! IT TAKES SOME TIME TO GET A NEW ADDRESS ACTIVATED IN SOCIETY RECORDS AND RECORDED IN ENGLAND FOR JOURNAL SUBSCRIPTIONS!

# KENDRIC SMITH

## Sigma Xi Lecturer

Kendric Smith is the ASP-sponsored Sigma Xi National Lecturer for 1987. His lecture topic is "The Role of Genetic Recombination in DNA Repair." Kendric will be invited to present his lecture by local Sigma Xi chapters and clubs whose memberships represent a broad range of scholars. The ASP has participated in the Sigma Xi National Lecture series for three years. The previous lecturers were Howard Seliger and Jim Longworth.

## Photochemistry and Photobiology New Feature

A New Feature, "RAPID COMMUNICATION," has been added to Photochemistry and Photobiology (renamed from "LETTERS TO THE EDITOR," announced in Photochem. Photobiol., Vol. 43, No. 5 [1986]). Manuscripts describing major breakthroughs and/or research results meritorious for speedy publication may be contributed to this section of the Journal. Instructions for preparation of manuscripts for contributions to "Rapid Communication" section are available from the Editorial Office. It is anticipated that an editorial decision will be made within two weeks of receipt of such a manuscript.

## ASP Meeting — Program June 21-25, 1987

1987 Annual Meeting: 21-25 June 1987, Bal Harbour, Florida

A balanced technical program is being planned for the Bal Harbour Meeting that should be of interest to all ASP Members. BASIC SCIENCE SYMPOSIA are being arranged on Optics of Biological Tissues (R. Rox Anderson); Charge and Energy Transfer in Model Biomembranes (J. Kerry Thomas); What's New in Organic Photochemistry? (Harry Morrison); Photosensitization (B. Stevens); DNA Photochemistry (James E. Cleaver); Modeling Photosynthetic Pigment Complexes (Robert Pearlstein); Biophysics and Biochemistry of Photosynthetic Oxygen Evolution (Gerald T. Babcock); Bacterial Photosynthesis (Maurice W. Windsor); Bacterial Rhodopsin (G. Atkinson); Environmental Photobiology (Walter C. Eisenberg); Light Damage to the Eye (Seymour Zigman); Photodynamic Therapy (David Kessel). We anticipate that the symposium will be accompanied by strong contributed paper sessions in these and related areas.

The traditional SCHOOL LECTURES will be presented each morning, directed towards providing state-of-the-art information about developments of current interest. They will include: Microspectrofluorometry of Single Living Cells and Its Application to Photobiology (E. Kohen); Measurements of Single Oxygen Yields and Lifetimes (Michael A. J. Rodgers); and Approaches for Measuring Lipid Peroxidation (Albert W. Girotti). A school lecture on Photoacoustic Spectroscopy is tentative as of this date.

Several SPECIAL LECTURES are being arranged, including: Energy and Electron Transfer in Azurin (James W. Longworth); Bilirubin Phototherapy (Antony F. McDonagh); the Presidential Lecture (Irene E. Kochevar); and the ASP Research Award Lecture (Recipient/Lecturer to be announced).

The housing and recreational facilities at the Sheraton Bal Harbour are outstanding. The social program will include a reception on Sunday evening and a "MIAMI STYLE" cold buffet with all the trimmings on Tuesday evening.

See you in Bal Harbour!

Len Grossweiner

SHORT COURSE - 20 and 21 June 1987  
SHERATON BAL HARBOUR

TOPIC: SOLAR SIMULATOR

This course is intended for individuals who test or monitor the testing of sunscreen products. It may be applicable for others who work with simulated sunlight as well. It is intended to acquaint the student with the xenon arc solar simulator, its use, as well as calibration and maintenance techniques. The student completing the course should have a fundamental understanding of solar simulators and how they may be modified for specific applications together with their limitations.

## Meetings 1986-87

CLAYTON FOUNDATION CONFERENCE ON PHOTODYNAMIC THERAPY  
February 15-19, 1987

Marina Beach Hotel, Marina del Ray  
Los Angeles, CA

For Information: Charles J. Gomer, PhD  
Conference Chairman  
Childrens Hospital of Los Angeles  
Los Angeles, CA 90027

An extensive four-day conference is planned which will be devoted to all aspects of Photodynamic Therapy (PDT). The meeting is designed for both basic scientists and clinical investigators. Commercial exhibitors will be present to demonstrate instrumentation and equipment available for PDT research.

BIOPHYSICAL SOCIETY 31ST ANNUAL MEETING  
February 22-26, 1987

New Orleans, Louisiana  
National Lecturer - Lubent Stryer - "Light and Life"

For Information: Biophysical Society Office  
9650 Rockville Pike  
Bethesda, MD 20814  
(301)493-6114

5TH INTERNATIONAL TOPICAL MEETING ON PHOTOACOUSTIC  
AND PHOTOTHERMAL PHENOMENA  
July 27-30, 1987  
Universitat Heidelberg  
Heidelberg, Federal Republic of Germany

For Information: Professor Dr. Peter Hess  
Institut für Physikalische Chemie  
Im Neuenheimer Feld 253  
D6900 Heidelberg 1, F. R. G.

THE PROTEIN SOCIETY - SECOND SYMPOSIUM  
August 1987  
San Diego, California

For Information: Dr. R. A. Bradshaw  
The Protein Society  
c/o Dept. of Biological Chemistry  
California College of Medicine  
University of California  
Irvine, CA 92717

SECOND EUROPEAN CONGRESS OF PHOTOBIOLOGY  
September 6-11, 1987  
Padova, Italy

For Information: Dr. Giulio Jori  
Department of Biology  
via Loredan 10-35131 Padova, Italy  
Telephone 049/831717

Dr. Barbara A. Zilinskas  
Department of Biochemistry and  
Microbiology  
Lipman Hall  
Rutgers University  
New Brunswick, NJ 08903  
Telephone: (201)932-9563

Postdoctoral Research Fellows. Positions available for up to three years to study the photochemistry of phototoxic drugs. Research involves the identification of reactive photoproducts from drugs and chemicals using a variety of spectroscopic techniques, including electron spin resonance (direct ESR and spin trapping), fluorescence and phosphorescence spectroscopy (including direct detection of singlet oxygen luminescence) and flash photolysis. Candidates may be US citizens (or permanent residents) or non-US citizens, but may not be more than three years postdoctoral. Send curriculum vitae and names of three references to:

Dr. Colin F. Chignell  
Laboratory of Molecular Biophysics  
(MD 17-03)  
National Institute of Environmental  
Health Sciences  
P. O. Box 12233  
Research Triangle Park, NC 27709

## Wanted to Purchase

WANTED: Used EPR machine --  
Varian E3, E4 or comparable

CONTACT: Professor G. T. Babcock  
Department of Chemistry  
Michigan State University  
East Lansing, MI 48824

## Positions Available

Postdoctoral Position. A position is available immediately to study the structural and functional organization of the photosynthetic apparatus of the cyanobacteria. Primary effort will be focused on the phycobilisome and its association with the thylakoid membrane. Molecular biological, biochemical and biophysical approaches are being used in our laboratory to investigate this problem. The candidate should have a strong background in molecular biology, biochemistry or plant physiology. Experience in recombinant DNA methodology is desirable but not essential. The starting salary is \$18,000, and the initial appointment is for one-year with possibilities for renewal. The applicant should send a curriculum vitae and arrange for two letters of reference to be sent to:

## New Titles

### PHOTOMORPHOGENESIS IN PLANTS

eds: R. E. Kendrick and Gitt M. Kronenberg  
October 1986 - 600 pages  
Hardbound - ISBN 90-247-3316-2 - \$156.50  
Paperback - ISBN 90-247-3317-0 - \$39.50

From: Kluwer - Academic Publisher Group  
101 Philip Drive  
Assinippi Park  
Norwell, MA 02061

## Grants Available

KELLY GRANTS TO ENCOURAGE INNOVATIVE WORK IN LIGHTING BY YOUNG PROFESSIONALS. Grants of \$1,500 and \$500 will be awarded annually by the New York Section of the Illuminating Engineering Society of North America (IESNA). The Kelly Grants are to encourage individuals 35 years of age or younger, in the US, Canada or Mexico, to preserve and carry forth Richard Kelly's ideals, enthusiasm and reverence for light.

Eligible for consideration are completed, current or proposed projects using light in architectural space, art and sculpture, computers, education, graphics, health care, light fixture design, models, research and analysis, and theater.

For information: Lighting Research and Education Fund  
IESNA  
345 East 47th Street  
New York, NY 10017  
(212)705-7511

# Newsletter Format

I am sure that you have noticed changes in the format of the ASP NEWSLETTER. We hope you find these alterations an improvement. The new masthead was designed by Diane Taub, and I think it is an improvement in style; the two column format should make reading easier. The Newsletter can only serve the membership if we continue to obtain items of interest for publication from the membership. If the membership has ideas for new features, articles or items for publication consideration, or other comments concerning the content of the Newsletter, I would be pleased to receive them.

Let us hear from you!!!

Vincent A. DeLeo

## **American Society for Photobiology**

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McLean, Virginia 22101

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