

1981 FEDERATION MEETING

The meeting will be held in Atlanta, Georgia from April 12 through 17, 1981. The call for abstracts was mailed in September and the deadline for receipt of abstracts is December 1, 1980.

APS will act as host to the Biomedical Engineering Society and the Society for Experimental Biology and Medicine. The call for abstracts was sent to members of these societies as well as the members of the American Society of Biological Chemists who were also invited to submit their abstracts to APS.

APS had approved 19 symposia for the 1981 Spring Meeting. Of these, five for the Nervous System Section and one on Epithelial Function were transferred to FASEB sponsorship as part of the "thematic" portion of the meeting. (The Nervous System Section dropped one of their other planned symposia). The selected "thematic" elements of the meeting are "Neurobiology and Behavior," "Atherosclerosis" and "Membranes." These theme elements are being organized across society lines by a specially appointed ad hoc committee and the resulting sessions will be programmed to avoid conflicts in the scheduling of related subjects.

The following symposia are currently being planned with the organizer for each shown:

Clinical Science Topic on Receptor Mechanisms. Francois Aboud.

What Roles Do Nerves Play in Renin Release? A. Clifford Barger and John W. Manning.

*Thermoregulatory Effects of the Newer Putative Central Neurotransmitters. Clark M. Blatteis.

Cellular Dynamics of Insulin Action. Michael P. Czech.

Pathogenic Mechanisms in Hypertension. James O. Davis.

Use and Misuse of Skinned Muscle Fibers. Alexandre Fabiato.

Role of Calcium in Controlling Renal Functions. John C. S. Fray

Dehydration Induced Thirst. John Greenleaf.

Genetic Polymorphism and Regulation of Gene Expression. (SEBM sponsored) Paul A. Marks.

*Fast Axoplasmic Transport in Mammalian Nerve. Sidney Ochs.

Prostaglandins and the Digestive System. Andre Robert.

Physiology of the Mammalian Gastric Mucosa. Linda L. Shanbour.

The Role of Hormones in Phosphorylation-Dephosphorylation in Metabolic Regulation. Thomas K. Soderling.

*Physical Probes of Epithelial Function. Ken Spring.

*Peptidergic Neurons in Invertebrate and Vertebrates. Felix Strumwasser.

*New Understandings of Motor Units. Douglas G. Stuart.

Comparative Studies on the Control of Renal Function. Bruce P. K. T. Pang, B. Umminger, H. Nishimura.

Neuroendocrine Cells, Peptide Hormones, Purinergic Nerves in Lung (cosponsored with AAP). James Will.

Cardio-Pulmonary Dynamics. D. T. Weber. Legal and Engineering Interfaces of Surgical Implants (BMES sponsored). C. F. Smith, A. Weinstein, W. E. Johansen.

* thematic sessions

In addition to those listed above, Helene Cecil, Chairman of the Animal Care and Experimentation Committee, is organizing a FASEB symposium on The Ethics of Animal Care. Walter Randall, Chairman of the Career Opportunities in Physiology, is organizing a session on Careers in Physiology. The careers session is tentatively scheduled for the late afternoon of Wednesday, April 15, 1981, and the animal care session in the evening of the same day.

TORONTO TO HOST AAAS ANNUAL MEETING 3-8 JANUARY 1981

Washington, D.C.... "Science and Technology: Bridging the Frontiers" will be the theme for the 147th national meeting of the American Association for the Advancement of Science (AAAS) to be held in Toronto, 3-8 January 1981. The many facets of science, including medicine, engineering, ecology, physics, anthropology, chemistry, and psychology, will be presented.

Several thousand scientists, engineers, and others interested in science and technology are expected to attend the meeting, which will be headquartered at The Sheraton Centre and the Royal York Hotel.

Among over 150 diverse symposium subjects will be: the age and size of the universe; psychological bases of morality; Mount St. Helen's; biological energy conversion; contamination trends in the Great Lakes; religion and food; science for handicapped students; science and secrecy; the laser revolution in chemistry; and development of a shark repellent.

The program also features nine (9) public lectures by prominent persons dealing with popular aspects of science, and the AAAS Science Film Festival, with 50 of the best short science films produced over the last year.

The AAAS Annual Meeting Exhibit, displaying new scientific instruments and publications, will run from 4 January through 7 January at The Sheraton Centre Exhibit Hall.

Through its Project on the Handicapped in Science, AAAS will again make its national meeting fully accessible to disabled individuals. A "Handicapped Resource Center" will be operated throughout the meeting.

Further information about the meeting is available from the AAAS Meetings Office, 1776 Massachusetts Avenue, N.W., Washington, D.C. 20036. A preliminary program for the meeting appeared in the 12 September 1980 issue of SCIENCE, the weekly journal of the AAAS.

APS SYMPOSIUM AT AAAS MEETING

The APS will sponsor a symposium on January 7, 1981 at the AAAS Meeting in Toronto, Canada, January 3-8, 1981. The subject of the symposium "Role of Cell Surface Receptors in Human Diseases" was suggested by the APS representative to Section N (Medical Sciences) Dr. Hadley L. Conn, Jr., Chairman of the Department of Medicine, College of Medicine and Dentistry of New Jersey.

The symposium will be held at 9:00 AM on January 7, 1981 in the Royal York Hotel. It is being organized by Jesse Roth (NIAMD). The tentative program includes the following presentations:

Receptors and Disease. JESSE ROTH, *NIAMD, NIH, Bethesda, MD*

Autoantibodies to β -Adrenergic Receptors in Allergic Respiratory Disease. J. CRAIG VENTER, *Dept. Pharmacol. and Therap., SUNY at Buffalo.*

Myasthenia Gravis: An Auto-Immune Disorder of Acetylcholine Receptors. DANIEL B. DRACHMAN, *Dept. Neurol., Johns Hopkins Univ., Baltimore.*

Lipoprotein Receptors and Atherosclerosis. JOSEPH L. GOLDSTEIN, *Chrmn., Molecular Genetics, Univ. of Texas Hlth. Ctr., Dallas.*

Androgen Receptor Effects as a Cause for Steroid Sensitivity. C. WAYNE BARDIN, *Ctr. for Biomed. Res., Population Council, Rockefeller Univ., New York.*