

Meetings and Conferences

Experimental Biology '93

**New Orleans, LA
March 28–April 1**

The new spring meeting format is taking shape, thanks to the efforts of the members of the participating society program committees. Meeting in Bethesda, the scientists defined the focus of the eight interdisciplinary theme areas, identified topic categories for the submission of volunteered abstracts, and selected symposia and mini-symposia for inclusion in each theme. The sessions selected were previously approved for presentation in the spring by the participating society program committees. The APS contribution to Experimental Biology '93 follows.

The societies working together to make Experimental Biology '93 a success include APS, ASPET, AAP, AIN, and AAI. Each participating society will continue to schedule oral and poster sessions of interest to their members. In addition, they will work to develop the theme areas as meetings within the meeting, providing basic scientists interdisciplinary sessions.

The interdisciplinary themes scheduled for Experimental Biology '93 include Cardiovascular Biology; Neuroregulation; Cell Injury; Inflammation; Metabolism; Growth, Development and Aging; Epithelial Cell Biology; and Mechanisms of Molecular Regulation. For each theme, a special area of the convention facilities will be set aside for the week. Special areas will also be designated for theme posters, which will be displayed all day. The participating societies have planned a coordinated program for symposia, mini-symposia, and slide sessions designed to minimize scheduling conflicts and to provide maximal exposure of the scientific progress in the theme areas.

Experimental Biology '93 is scheduled for March 28–April 1 in New Orleans, LA. The abstract deadline is November 17, 1992. Details of the meeting and the abstract forms will be mailed early in the fall. Scientists who are not members of one of the participating societies may request the Call for Papers from the FASEB Office of Scientific Meetings at (301) 530-7010.

APS-Sponsored Symposia

Urinary Concentrating Ability of the Kidney: A Comparative Perspective. C. Beuchat, *Comparative*

Physiology and Pharmacology Disciplines for the 21st Century. M. Printz and H. Nishimura, *Education Committee*

Respiratory Physiology: Historical Perspectives. G. Sant'Ambrogio, *History of Physiology*

Workshop: Biomedical Research in Developing Countries: Current Problems in Malnutrition. D. Richardson and K. Rasmussen, *International Committee and AIN*

In Search of a Hepatic Stem Cell. E. R. Jaffe, *SEBM*

Rheology of Metastasis. H. L. Goldsmith, *NASB*

APS Symposia Integrated Into Theme Areas

Cardiovascular Biology

Remodeling of the Extracellular Matrix of the Heart and Vessels. J. W. Covell, *Cardiovascular*

Leukocyte Adhesion in the Presence of Shear Stress: Mechanics and Molecules. K. Ley, *Cardiovascular*

Mechanisms of Baroreflex Control. F. M. Abboud, *Cardiovascular and Neural Control & Autonomic Regulation*

Cardio-Respiratory Interactions During Sleep. C. Gaultier and L. B. Rowell, *Clinical Committee*

Regulation of Myocardial Substrate Metabolism. W. C. Stanley and R. S. Balaban, *Endocrinology & Metabolism*

Humoral Modulation of Pulmonary Vascular Resistance During Hypoxia. B. R. Walker, *Hypoxia, Cardiovascular, and Respiration*

Protein Phosphorylation During Smooth Muscle Contraction. M. Barany, *Myo-Bio (Muscle)*

The L-Arginine/Nitric Oxide Pathway and Renal-Cardiovascular Integration. R. H. Freeman and W. H. Bierwaltes, *Water & Electrolyte Homeostasis and Renal*

Mechanical Force Regulation of Gene Expression in Vascular Cells. J. Frangos, *BMES*

Biofunctional Materials for Tissue Engineering. J. Hubbell, *BMES*

Epithelial Cell Biology

Vesicle-Mediated Transporter Redistributions in Regulation of Epithelial Transport. A. K. Mircheff, *Cell and Epithelial Transport*

Expression of Transport Proteins in Heterologous Systems: What Can This Tell Us About Structure-Function Relationships. P. A. Knauf and J. R. Riordan, *Cell, Epithelial Transport, and Society of General Physiologists*

Charge Translocation by Electrogenic Carriers and Pumps. R. F. Rakowski and P. DeWeer, *Cell and Epithelial Transport*

Calcium: From Calcium-Transporting Proteins to Renal Calcium Transport. P. A. Friedman, *Renal*

Tutorial: Strategies for Study of Gene Expression and Its Regulation. L. Ercolani, *Renal*

Lung Surfactant: Molecular and Cellular Processing. S. A. Rooney and J. R. Wright, *Respiration Section*

Neuroregulation

Mechanisms of Baroreflex Control. F. M. Abboud, *Cardiovascular and Neural Control & Autonomic Regulation*

Cardio-Respiratory Interactions During Sleep. C. Gaultier and L. B. Rowell, *Clinical Committee*

Metabolism

Regulation of Myocardial Substrate Metabolism. W. C. Stanley and R. S. Balaban, *Endocrinology & Metabolism*

Cell Injury

Physiological Adaptations and Countermeasures to Long-Duration Space Flight. A. R. Hargens and C. M. Tipton, *Environmental & Exercise Physiology*

Mechanisms of Molecular Regulation

Tutorial: Strategies for Study of Gene Expression and Its Regulation. L. Ercolani, *Renal*

Abstract Deadline

November 17, 1992