

APS Fall Scientific Meeting

October 9-14, 1977

Diplomat Resort and Country Clubs Hollywood, Florida

SCIENTIFIC PROGRAM

Scientific sessions will be scheduled from 9 a.m. to 4:30 p.m. Monday through Friday, with the exception of Wednesday afternoon. Each half-day period will consist of one symposium and simultaneous sessions of volunteer papers presented either in slide or poster sessions. The Bowditch Lecture will take place on Tuesday and the Society Business Meeting will be held on Thursday.

Tutorial Lectures

Non-invasive techniques for measurement of pulmonary blood flow: A review. L.E. FARHI, SUNY Buffalo Sch. of Med.

Gravitational physiology. A.H. SMITH, UC, Davis

Local regulation of blood flow. R.H. BERNE, Univ. of Virginia Med. Sch.

The gramicidin channel. PETER LAUGER, Univ. of Konstanz, West Germany

Lithium, membranes and manic-depressive illness. A cure in search of a disease. J.M. DIAMOND, UCLA

Albumin synthesis and secretion. THEODORE PETERS, JR., Mary Imogene Basset Hosp.

Alpha-adrenergic control of glycogen metabolism. J.H. EXTON, Vanderbilt Univ., Sch. of Med.

Glycolytic control mechanisms in aerobic and ischemic heart muscle, J.R. NEELY, Penn State Univ., Hershey Med. Ctr.

Four additional Tutorial Lectures will be announced in the Program.

Symposia

October 10 — Monday

AM — PROXIMAL TUBULAR FUNCTION IN HEALTH & DISEASE

Co-Chairmen: L. A. Bricker, U. Miami
T. E. Andreoli, U. Alabama

Speakers: J. A. Schafer, U. Alabama
D. J. Marsh, U.C.L.A.
R. Gilbert, Montefiore Hosp.
M. B. Burg, N.I.H.

PM — DISTAL NEPHRON FUNCTION IN HEALTH & DISEASE

Co-Chairmen: T. E. Andreoli, U. Alabama
L. A. Bricker, U. Miami

Speakers: D. Warnock, U.C.L.A.
V. Dennis, Duke U.
R. Kaplan, U. Miami
J. P. Kokko, U. Texas

October 11 — Tuesday

AM — MEMBRANE CHANNELS I

Chairman: W. R. Loewenstein, U. Miami

Speakers: J. M. Diamond, U.C.L.A.
W. R. Loewenstein, U. Miami
P. Lauger, U. Konstanz
D. A. Hayson, Cambridge U.

PM — MEMBRANE CHANNELS II

Chairman: P. Lauger
U. Konstanz, West Germany

Speakers: F. Bezanilla, U.C.L.A.
C. Stevens, Yale U.
B. Sackmann, Max-Planck, Inst. Göttingen
M. Raftery, U.C.L.A.

October 12 — Wednesday

AM — PULMONARY CIRCULATION

Chairman: A. B. Otis, Gainesville, U. Florida

Speakers: J. Gil, U. Miami
G. Pietra, U. Pennsylvania
E. Schneeberger, Harvard U.

AM — MECHANISMS OF TRANSMITTER RELEASE: A COMPARISON OF PHYSIOLOGICAL, STATISTICAL AND MORPHOLOGICAL FINDINGS

Chairman: K. L. Magleby, U. Miami

Speakers: T. S. Reese, N.I.H.
R. L. Volle, U. Connecticut
K. L. Magleby, U. Miami

October 13 — Thursday

AM — PHYSIOLOGY AND PHARMACOLOGY OF CORONARY CIRCULATION

Co-Chairmen: R. M. Berne, U. Virginia
P. Somani, U. Miami

Speakers: R. M. Berne, U. Virginia
P. J. Kadowitz, Tulane U.
J. I. E. Hoffman, Calif. UCSF
P. Somani, U. Miami

PM — THE PHYSIOLOGICAL BASIS OF MENTAL FUNCTIONS

Chairman: D. L. Wilson, U. Miami

Speakers: N. Geschwind, Harvard U.
K. Pribram, Stanford U.
D. L. Wilson, U. Miami
S. S. Kety, Harvard U.