PRESIDENTIAL ADDRESS: ADVENTURES WITH THE BASOPHIL.
WALTER B. SHELLEY, M.D., Department of Dermatology, School of Medicine, University of Pennsylvania, Philadelphia, Pa.

The Superiority of Bliister Fluid Over Standard Serum Additives to Tissue Culture Media for the Cultivation of Epidermal Cells. Philip C. Anderson, M.D., Department of Dermatology, University of Michigan Medical Center, Ann Arbor, Mich.

Barriers to Skin Penetration. Francis N. Marzulli, Ph.D., Field Toxicology Branch, Chemical Research & Development Laboratories, Army Chemical Center, Maryland.

Studies in the Biochemistry of Skin. I. Respiration of Adult Rat Epidermal Tissue. Theodore Rosett, Ph.D., and Joseph Fogg, B.S., Duke University School of Medicine, Durham, N. C.

Studies of Epidermal Protein Metabolism. II. Soluble Epidermal Proteins. Howard P. Baden, M.D., and Irwin M. Freedberg, M.D., Department of Dermatology, Harvard Medical School, at the Massachusetts General Hospital, Boston, Mass., and the Graduate Department of Biochemistry, Brandeis University, Waltham, Mass.

Isolation of a Glycoproteolipid from Human Horny Layers. Peter Flesch, M.D., Ph.D., and Elizabeth C. J. Esoda, M.D., Department of Dermatology, School of Medicine, University of Pennsylvania, Philadelphia, Pa.

Epidermal Glucose in Health and Disease. Alan H. Schragger, M.D., Department of Dermatology, University of Miami School of Medicine, Miami, Florida.


Effects of Proteolytic Enzyme Inhibitors on Some Inflammatory Reactions in the Skin. Edmund D. Lowney, M.D., Department of Dermatology, School of Medicine, University of Pennsylvania, Philadelphia, Pa.

The Role of Proteolytic Enzymes as Mediators of the Release of Histamine in Skin Anaphylaxis. Theodor M. Inderbitzin, M.D., Department of Dermatology, Tufts University School of Medicine, Boston, Mass.

Effects of Topically Applied Steroids on Exposed Aged Skin. Victor Formisano, M.D., Albert M. Kligman, M.D., Ph.D., and William Montagna, Ph.D., Department of Dermatology, School of Medicine, University of Pennsylvania, Philadelphia, Pa., and Department of Biology, Brown University, Providence, R. I.
The Effect of Prolonged Topical Application of Antibacterial Agents on the Bacterial Flora of the Normal Axilla. Najib Shehadeh, M.D., and Albert M. Kligman, M.D., Ph.D., Department of Dermatology, School of Medicine, University of Pennsylvania, Philadelphia, Pa.

The Circulating Basophil Count in Urticarial Hypersensitivity to Physical Agents. H. Rorsman, M.D., M. W. Slatkin, M.D., L. C. Harber, M.D., and R. L. Baer, M.D., Departments of Dermatology, University of Lund, Sweden, and the New York University Post-Graduate Medical School and the Skin and Cancer Unit of University Hospital, New York, N. Y.

Cytologic Differences Between Allergic (Zirconium) and Non-Allergic (Silica) Granulomas. William L. Epstein, M.D., and J. Richard Skahen, M.D., Division of Dermatology, University of California, San Francisco Medical Center, San Francisco, Calif.


A Technique for Testing Acneegenic Potency in Rabbits, Applied to the Potent Acneegen, 2,3,7,8-tetrachlorodibenzo-p-dioxin. E. Linn Jones, M.D., and Helen Krizek, Ph.D., Section of Dermatology, Department of Medicine, University of Chicago, Chicago, Ill.

Wednesday Afternoon, June 27, 1962
2:00 P.M.

SECOND ANNUAL HERMAN BEERMAN LECTURE

THE DERMATOLOGIC IMPLICATIONS OF STRESS AND CALCIPHYLAXIS

HANS SELYE, M.D.
Director
Institute of Experimental Medicine and Surgery, University of Montreal, Quebec, Canada

Biophysical Considerations of Light Protection. Walter J. Runge, M.D., Ramon M. Fusaro, M.D., Department of Medicine, and Division of Dermatology, University of Minnesota, Minneapolis, Minn.

Connective Tissue Alterations in Chronically Sun-Damaged Skin. J. Graham Smith, Jr., M.D., Eugene A. Davidson, Ph.D., and Richard D. Clark, B.S., Division of Dermatology of the Department of Medicine, The Department of Biochemistry, and the Center for the Study of Aging, Duke University Medical Center, Durham, N. C.

Melanin Formation Induced in Human Skin by Long-Wave Ultraviolet and Visible Light. M. A. Pathak, Ph.D., F. J. Riley, M.D., W. L. Curwen, M.D., and T. B. Fitzpatrick, M.D., Ph.D., Department of Dermatology, Harvard Medical School, at the Massachusetts General Hospital, Boston, Mass.

Free Radical Formation in the Skin Following Exposure to Ultraviolet Light. Arthur L. Norins, M.D., Department of Dermatology, Stanford Medical Center, Palo Alto, Calif.
Acrylonitriles, A New Group of Ultraviolet Absorbing Compounds. Robert E. Rossman, M.D., John M. Knox, M.D., and Robert G. Freeman, M.D., Baylor University College of Medicine, Houston, Texas.

The Co-Carcinogenic Effect of Ultraviolet Light. John H. Epstein, M.D., Division of Dermatology, University of California, San Francisco Medical Center, San Francisco, Calif.

A Biochemical Study of the Mitotic Inhibition in Rat Skin Resulting from Exposure to Beta Radiation. I. A. Bernstein, Ph.D., and Phyllis Foster, M.S., Department of Dermatology and the Institute of Industrial Health, University of Michigan, Ann Arbor, Mich.

Thursday Morning, June 28, 1962

9:00 A.M.

The Ultrastructure of the Horny Layer in Normal and Psoriatic Epidermis As Revealed by Electron Microscopy. Isser Brody, M.D., Laboratory for Biological Ultrastructure Research, Department of Anatomy, Karolinska Institutet, Stockholm, Sweden; Department of Zoology, and Department of Medicine, Division of Dermatology, Medical School, University of California, Los Angeles, Calif.

Ribonuclease Activity of Psoriatic Scales. Maurice Liss, Ph.D., and Walter F. Lever, M.D., Department of Dermatology, Tufts University School of Medicine, Boston, Mass.

The Clinical and Biochemical Significance of Taurine Excretion in Psoriasis. Daphne Anderson Roe, M.D., M.R.C.P., Graduate School of Nutrition, Savage Hall, Cornell University, Ithaca, N. Y.

Studies on Serum Copper. I. The Copper Content of Blood Serum in Patients with Psoriasis. George Lipkin, M.D., Franz J. Herrmann, M.D., and Leona Mandol, B.A., New York University Medical Center, Department of Dermatology, New York, N. Y.

Studies on the Pathogenesis of Epidermolysis Bullosa. Roger W. Pearson, M.D., Section of Dermatology, Department of Medicine, University of Chicago, Chicago, Ill.

The Ultrastructure and Histochemical Characteristics of Dermal Eccrine Cylindroma (Turban Tumor). Bryce L. Munger, M.D., James H. Graham, M.D., and Elson B. Helwig, M.D., Department of Anatomy, Washington University School of Medicine, St. Louis, Mo. (Dr. Munger); The Skin and Cancer Hospital of Philadelphia, Unit of the Department of Dermatology, Temple University School of Medicine, Philadelphia, Pa. (Dr. Graham); and Armed Forces Institute of Pathology, Washington, D. C. (Dr. Helwig).

The Histochemistry of Cutaneous Carcinogenesis. I. The Dermis. Richard L. Dobson, M.D., and Marion Griffin, M.D., Division of Dermatology, University of Oregon Medical School, Portland, Oregon.

The Fine Structure of the Malignant Melanoma. Alvin S. Zelickson, M.D., Division of Dermatology, University of Minnesota Medical School, Minneapolis, Minn.

Oral Methotrexate in Mice: A Cocarcinogenic as well as an Antitumor Agent to Methylcholanthrene Induced Cutaneous Tumors. Louis L. Barich, M.D., and Jan Schwarz, M.D., Department of Dermatology, University of Cincinnati, Cincinnati General Hospital, Cincinnati, Ohio.
AMERICAN ACADEMY OF DERMATOLOGY

Scientific Exhibits.—Applications are now being received for space for scientific exhibits at the meeting of the American Academy of Dermatology at the Palmer House, Chicago, in December, 1962.

Awards will be given for the best exhibits in each of the following categories:

1. Original investigation
2. Teaching value
3. Historical.

Please address all correspondence before the application deadline, June 1, 1962, to Frederick D. Malkinson, M.D., Section of Dermatology, University of Chicago Clinics, 950 E. 59th Street, Chicago 37, Illinois.