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19th Annual Meeting American Diabetes Association June 6-7, Chalfonte-Haddon Hall, Atlantic City, New Jersey

"The Adrenal and Diabetes: Some Interactions and Interrelations" is the title of the Banting Memorial Lecture of the American Diabetes Association which will be delivered by George W. Thorn, M.D., at the Nineteenth Annual Meeting. The Lecture will be given from 10:55 to 11:55 during the Scientific Session Saturday morning, June 6. Dr. Thorn is Hersey Professor of the Theory and Practice of Physic, Harvard Medical School; and Physician-in-Chief, Peter Bent Brigham Hospital, Boston. He will be presented with the Banting Medal at the Annual Banquet of the Association to be held that evening. The Banting Medal also will be awarded to E. T. Bell, M.D., Emeritus Professor of Pathology, University of Minnesota, Minneapolis, "for distinguished service in the interest of doctor and patient."

Alexander Marble, M.D., will deliver the Address of the President. The invocation will be offered by Deaconess Maude Behrman of Atlantic City, and the principal speaker will be Boland Hughes, M.D., Professor of Clinical Urology, University of Pennsylvania School of Medicine, Philadelphia. His address is entitled "The Contemporary Scene in the U.S.S.R."

The 1959 Lilly Award also will be presented at the Banquet to Marvin D. Siperstein, M.D., Ph.D., Associate Professor of Internal Medicine, University of Texas Southwestern Medical School, Dallas. The award, supported annually by Eli Lilly and Company, consists of \$1,000 and a medal. Its purpose is to recognize demonstrated research in the field of diabetes, taking into consideration independence of thought and originality.

Approximately thirty committees and boards are scheduled to meet, and notices of time and place have gone forward to members of these groups. In addition, a complete list of committee and other meetings appears in the printed program.

Although a joint meeting will not be held with The Endocrine Society, arrangements have been made so that each organization will recognize the registration badges of the other. Endocrine Society members, therefore, may attend the Scientific Sessions of the American Diabetes Association and ADA members may attend, without charge, the session on diabetes of The Endocrine Society. The latter will be held at the Chalfonte at 2:00 p.m., Saturday, June 6.

Copies of the ADA program, containing abstracts of papers to be presented as well as those included by title, will be available at the registration desk at \$1.00 each. A copy at no cost is being sent to all members in advance of the meeting; however, the aforementioned charge will be made for copies secured at the time of registration.

The Annual Business Meeting will be held in the Vernon Room Sunday, June 7, from 12:00 to 12:30 p.m., a change in time from that in previous years. The Annual Banquet will be held in the Vernon Room on Saturday, June 6, at 7:30 p.m., and will be preceded by a Social Hour at 6:30 p.m. in the English Lounge.

Papers to be presented at the Scientific Sessions and those included in the program by title are listed here for the information of readers of the Journal.

SCIENTIFIC SESSIONS

Saturday, June 6, 9:00 a.m.

ALEXANDER MARBLE, Presiding

1. **Studies on the Diabetogenic Action and the Site of Origin of Glucagon**
BRUNO W. VOLK (by invitation), and SYDNEY S. LAZARUS, Isaac Albert Research Institute, Jewish Chronic Disease Hospital, Brooklyn, and Albert Einstein College of Medicine, Bronx, N.Y.
2. **Significance of Circulating Lipids in the Management of Diabetes Mellitus**
DAVID ADLERSBERG, LISBETH EISLER (by invitation), IWAO FUKUI (by invitation), and PEH-PING HO (by invitation), The Mount Sinai Hospital, New York, N.Y.
3. **Radioactive Fat Tolerance Tests in Diabetes**
DONALD BERKOWITZ (by invitation), DAVID M. SKLAROFF (by invitation), and WILLIAM LIKOFF (by invitation), Albert Einstein Medical Center, Northern Division, Hahnemann Medical College and the Sidney Hillman Medical Center, Philadelphia
4. **The Significance of Nonatheromatous Intramural Vascular Lesions of the Heart in Diabetes Mellitus**
SIDNEY GOLDENBERG, MORRIS ALEX (by invitation), RAM A. JOSHI (by invitation), and HERMAN T. BLUMENTHAL (by invitation), The Jewish Hospital and Washington University and St. Louis University Schools of Medicine, St. Louis
5. **Plasma Insulin Activity after Glucose: An Index of Insulogenic Reserve in Normal and Diabetic Man**
HOLBROOKE S. SELTZER and WALTER L. SMITH (by invitation), University of Texas Southwestern Medical School and the Veterans Administration Hospital, Dallas, Tex.

BANTING MEMORIAL LECTURE

The Adrenal and Diabetes: Some Interactions and Interrelations
GEORGE W. THORN, Hersey Professor of the Theory and Practice of Physic, Harvard Medical School, Physician-in-Chief, Peter Bent Brigham Hospital, Boston, Mass.

6. **The Clinical Applicability of the Lente Insulin Triad**
FRED W. WHITEHOUSE, W. L. LOWRIE, W. E. REDFERN and J. B. BRYAN, Henry Ford Hospital, Detroit, Mich.

7. **Diabetic Diarrhea with Malabsorption Syndrome**
MAX ELLENBERG and JOHN J. BOOKMAN, The Mount Sinai Hospital, New York, N.Y.
8. **Diabetic Acidosis: A Six-year Review with an Evaluation of the Plasma Acetone Method**
AGUSTIN M. de ANDINO, Jr., LILLIAN HADDOCK-SUAREZ (by invitation), and RAUL COSTAS (by invitation), University of Puerto Rico School of Medicine, San Juan, P.R.
9. **The Fate of the Second Leg in the Diabetic Amputee**
MARTIN G. GOLDNER, Jewish Chronic Disease Hospital, Brooklyn

Sunday, June 7, 9:00 a.m.

ALEXANDER MARBLE, Presiding

10. **Intraportal Insulin and Tolbutamide Studies in Man and Portacaval Shunt Dogs**
THOMAS F. SHELLEY (by invitation), JOHN CINCOTTI (by invitation), EDWARD MARGULIES (by invitation), and THOMAS F. FRAWLEY, Albany Medical College, Albany, N.Y.
11. **Changes in Blood Sugar and Serum Radioactivity Produced by the Intravenous and Intraportal Administration of I¹³¹-labeled Insulin in Dogs**
F. I. R. MARTIN (by invitation), JACK R. LEONARDS and MAX MILLER, Western Reserve University School of Medicine, Cleveland
12. **The Effect of Slow Infusion of Glucagon-free Insulin on the Hepatic Output of Glucose in Dogs with Portacaval Shunts**
LEONARD L. MADISON, BURTON COMBES (by invitation), and WILLIAM STRICKLAND (by invitation), University of Texas Southwestern Medical School, Dallas, Tex.
13. **Demonstration of Insulin-binding in Peripheral Tissues of Man and Its Relationship to Insulin Action**
ROGER H. UNGER, LEONARD L. MADISON, MARY S. McCALL (by invitation), ANN EISENTRAUT (by invitation), and SUSAN KELLER (by invitation), Veterans Administration Hospital and University of Texas Southwestern Medical School, Dallas
14. **On the Mechanism of Insulin Action**
R. C. de BODO, R. STEELE (by invitation), N. ALTSZULER (by invitation), A. DUNN (by invitation), D. T. ARMSTRONG (by invitation), and J. S. BISHOP (by invitation), New York University College of Medicine, New York, N.Y., and Brookhaven National Laboratory, Upton, N.Y.

15. **Inhibition of Insulin Degradation by Normal Plasma: Effects on in Vitro Bio-assay Systems**
EUGENE U. PIAZZA (by invitation), CHARLES J. GOODNER (by invitation), and NORBERT FREINKEL, The Boston City Hospital and Harvard Medical School, Boston, Mass.
16. **Clinical Studies of Insulin I¹³¹ Partitions in Diabetic Patients**
THADDEUS E. PROUT and ROBERT B. KATIMS, The Johns Hopkins University School of Medicine and The Johns Hopkins Hospital, Baltimore, Md.
17. **The Lack of Specificity of the Rat Epididymal Fat Pad as a Method for Insulin Assay of Blood**
JACK R. LEONARDS, Western Reserve University School of Medicine, Cleveland, Ohio
18. **Studies on the Lipogenic Defect of Diabetes**
MARVIN D. SIPERSTEIN, University of Texas Southwestern Medical School, Dallas, Tex.

Sunday, June 7, 2:00 p.m.

FRANCIS D. W. LUKENS, Presiding

19. **Formation of Oligosaccharides and Glycogen from Glucose and from Galactose by Rat Diaphragm**
I. ARTHUR MIRSKY, GLADYS PERISUTTI (by invitation), and NEIL C. DAVIS (by invitation), University of Pittsburgh School of Medicine, Pittsburgh, Pa.
20. **Hyperglycemic and Hypoglycemic Effects of Human Growth Hormone in Man**
ELEANOR McGARRY and JOHN C. BECK, McGill University Clinic, Montreal, Canada
21. **Comparative Pharmacology of Tolbutamide, Chlorpropamide, Metahexamide and Carbutamide in Man**
KELLY M. WEST, University of Oklahoma School of Medicine, Oklahoma City, Okla.

22. **Tolbutamide-induced Amelioration of Diabetes of Young People with Restoration of Normal Carbohydrate Tolerance in Some**
STEFAN S. FAJANS and JEROME W. CONN, University of Michigan Medical School, Ann Arbor, Mich.
23. **Metahexamide and Methoxybenzene-sulfonylaminoisobutylthiadiazole in the Oral Therapy of Diabetes**
RICHARD H. POLLEN (by invitation), ROBERT H. WILLIAMS, ROBERT H. BARNES, WILLIAM KELLY (by invitation), and DONALD C. TANNER, University of Washington School of Medicine, Seattle, Wash.
24. **A Clinico-pathologic Study of Oral Hypoglycemic Agents**
J. M. B. BLOODWORTH, Jr., and GEORGE J. HAMWI, Ohio State University College of Medicine, Columbus, Ohio
- PANEL DISCUSSION**
- Oral Hypoglycemic Agents**
GARFIELD G. DUNCAN, Moderator, University of Pennsylvania School of Medicine, Pennsylvania Hospital and Benjamin Franklin Clinic, Philadelphia, Pa.
- WILLIAM S. COLLENS, Maimonides Hospital and State University of New York, Downstate Medical Center, Brooklyn, N.Y.
- LEO P. KRALL, Joslin Clinic, Boston, Mass.
- I. ARTHUR MIRSKY, University of Pittsburgh School of Medicine, Pittsburgh, Pa.
- ROBERT H. WILLIAMS, University of Washington School of Medicine, Seattle, Wash.

BY TITLE

- Incidence of Glaucoma in Patients with Diabetes Mellitus**
JOHN ARMSTRONG (by invitation), LOUIS GIRARD (by invitation), and HAROLD L. DOBSON, Baylor University College of Medicine and Jefferson Davis Hospital, Houston, Tex.
- Oral Hypoglycemic Agents in the Treatment of Diabetes Mellitus**
WILLIAM S. COLLENS and MORRIS M. BANOWITZ, Maimonides Hospital and the State University of New York, Downstate Medical Center, Brooklyn, N.Y.
- The Full Diabetic Syndrome**
HAROLD L. DOBSON, HOOSHANG GUILAK (by invitation), JOHN SCOGIN (by invitation), and JAMES A. GREENE, Baylor University College of Medicine and Jefferson Davis Hospital, Houston, Tex.
- Kinetics of Glucose Utilization: II. The Influence of Age and Diabetes**
HAROLD ELRICK and C. J. HLAD, Jr. (by invitation), Veterans Administration Hospital and University of Colorado School of Medicine, Denver, Colo.
- The Effect of Endogenous Insulin Secretion upon the Magnitude of Hepatic Binding of Labeled Insulin During a Single Transhepatic Circulation in Human Subjects**
NORMAN KAPLAN (by invitation), and LEONARD L. MADISON, University of Texas Southwestern Medical School, Dallas
- Comparative Clinical and Laboratory Studies of Two Potent Oral Hypoglycemic Agents**
THOMAS H. LAMBERT, SOLON PALMER, Jr. (by invitation), and ROY B. JOHNSON, Jr. (by invitation), Scripps Clinic and Research Foundation, La Jolla, Calif.
- Sulfa-urea Treatment in Juvenile Diabetes**
YNGVE LARSSON (by invitation), Kronprinsessan Lovisa's Children's Hospital, Caroline Institute, Stockholm, Sweden
- Probable Variations in Adrenal Cortical Responsiveness among Diabetics Based on Leukocyte Changes Following Glucose Administration**
MALCOLM S. MACKENZIE and MARJORIE B. SEASTONE (by invitation), Western Reserve University School of Medicine, Cleveland, Ohio
- Diabetes Mellitus and the Convulsive State: Possible Genetic and Clinical Relationship**
FRANK S. PERKIN and A. J. DERBYSHIRE (by invitation), Wayne State University College of Medicine, The Michigan Epilepsy Center and Harper Hospital, Detroit, Mich.
- Degenerative Lesions in Dogs with Experimental Diabetes**
HENRY T. RICKETTS, University of Chicago, Chicago, Ill.
- Correlation of Glucose Levels in Tears and Saliva with the Blood Sugar Level**
BARRY M. SEGAL (by invitation), and ARTHUR H. DUBE, State University of New York, Upstate Medical Center, Syracuse, N.Y.
- Chlorpropamide Therapy in Outpatient Diabetic Patients**
ASA J. SMITH and ARTHUR H. DUBE, State University of New York Medical Center, Syracuse, N.Y.
- Experiences with Chlorpropamide in Fifty Clinic Patients—Comparative Study with Insulin and Tolbutamide**
ROBERT C. STEWART (by invitation), EUGENE U. PIAZZA (by invitation), and DAVID HURWITZ, The Boston City Hospital, Boston, Mass.
- The Frequency of Diabetes Mellitus in Cases of Anemia Perniciosa**
ARNE SUNDBERG (by invitation), and ALBERT GRONBERG, Centrallasarettet, Vanersborg, Sweden
- The Use of Intravenous Tolbutamide in Designing Therapy for Patients with Diabetes**
C. ROBERT TITTLE, Jr., JOSEPH T. BEARDWOOD, Jr., and D. E. PALABIYIKOGLU (by invitation), Graduate Hospital, University of Pennsylvania, and Abington Memorial Hospital, Philadelphia, Pa.
- The Significance of "Normal" and "Abnormal" Oral Glucose Tolerance Curves as Determined by Five-to-ten-year Follow-up in 200 Subjects**
ROGER H. UNGER, LEONARD L. MADISON and ROSA M. ADAIR (by invitation), Veterans Administration Hospital, University of Texas Southwestern Medical School, and the City Health Department, Dallas, Tex.