

Organization Section

OBITUARY



ALBERT E. RENOLD (1923–1988)

Professor Albert E. Renold's sudden death on 21 March put a premature end to a remarkable research career of 40 yr. Albert Renold was an impressive scholar, and many scientists from all over the world consider him their principal mentor and close friend. In his thesis for the degree of medical doctor in 1948, his goal had already been set: to seek a better understanding of the etiology, pathophysiology, control, and prevention of diabetes mellitus. To attain this goal, he went to the Harvard Medical School in Boston, where he was to spend the first 15 yr of his research career. He became the director of the Baker Clinic Research Laboratory, which was later renamed the Elliott P. Joslin Research Laboratory. Professor Renold had trained with the eminent diabetologist Dr. Joslin, who transmitted to him his concern for the well-being of the diabetic patient. After clinical training, Dr. Renold became a biological chemist under the guidance of Dr. Baird Hastings. If we choose to cite these two names among the great many sci-

entists who influenced him, this is because those were the names most often mentioned to us, his pupils.

In 1963, Dr. Renold returned to Switzerland as Professor at the Faculty of Medicine of the University of Geneva. He founded the Institut de Biochimie Clinique. In this institute, located in an old villa in the Sentier de la Roseraie, Dr. Renold created a truly unique atmosphere. Many outstanding scientists interested in diabetes and intermediary metabolism had already been trained by Dr. Renold in Boston. However, with the creation of his institute, Dr. Renold was able to exert an even greater influence on diabetes-related research around the world. The generations of scientists who came as research fellows or as visiting professors to the Geneva institute appreciated the unique freedom given to them to carry out their investigations. It was Dr. Renold's firm belief that this approach was essential in fostering a sense of responsibility and independence. His collaborators were proud of belonging to a "family," and this was reflected in the establishment of an alumni gathering around Dr. Renold at the International Diabetes Federation meeting in 1985.

Albert Renold's scientific contributions cover a wide field. He was the first to demonstrate, in 1950, a direct action of insulin on adipose tissue. This work was extended to delineate the role of this tissue in the metabolic derangements in insulin-deficient diabetes and in obesity often associated with insulin abundance. In this early period, Dr. Renold and his co-workers were able to establish a method for the measurement of insulin in blood and other fluids based on its biological actions on adipose tissue. Later, important differences were described in the way insulin affects the metabolism of its various target tissues.

Although it had been known from the beginning of the century that an inflammatory reaction often occurs in the pancreatic islets of diabetic patients, it was only recently recognized that autoimmune mechanisms play a crucial role in the destruction of the islet β -cells. In this area, Dr. Renold was also a forerunner. He published a series of articles in the 1960s in which he showed that the injections of homologous insulin elicited an inflammatory reaction in the pancreatic islets of injected animals. He left these early observations dormant but returned to the question of immune mechanisms in diabetes in his last unfinished research project.

In Geneva, Dr. Renold and his associates continued the investigation of insulin's biological ac-

tions. The important discovery was then made that insulin promotes glucose uptake into fat cells, a finding which has stimulated many laboratories to investigate this effect at the molecular level. Dr. Renold then turned his attention to the site of production of insulin, and new methods were established for the in vitro maintenance of various preparations of the endocrine pancreas. In collaboration with the Department of Morphology of the University of Geneva, Dr. Renold made a detailed study of the steps involved in the biosynthesis and secretion of insulin from the β -cell. This combined biochemical and morphological approach also proved extremely useful in the investigations of experimental diabetes in animals. Dr. Renold focused his studies on the evaluation of various spontaneous and chemically induced diabetes syndromes in rodents. These studies also approached the important question of whether therapeutic intervention could alter the course of the late complications of diabetes. In the last two decades, this is the field of research that has been most closely associated with Albert Renold. He stressed that the animal models provide lessons for the further investigation of diabetes in humans. The last scientific meeting he was to organize in Geneva in September 1987 had as its title "Lessons from Animal Diabetes."

Albert Renold was a gifted linguist, which facilitated his active involvement in the free exchange of scientific information. He provided unique working conditions for researchers from all over the world at his Geneva institute and was instrumental in the foundation of two international scientific societies that were of great importance in the establishment of close contacts among European scientists: the European Society for Clinical Investigation and the European Association for the Study of Diabetes. These societies, as well as many other organizations, honored Dr. Renold with prizes and awards. Dr. Renold was equally respected in North America and became the only foreign scientist elected for membership to the Board of Directors of the American Diabetes Association.

Albert Renold had all the qualities characteristic of a great human being. His creativity and imagination, together with broad-mindedness, humanity, and humor made him a natural organizer and compassionate leader. His never-failing capacity to listen and his understanding and tolerance for the views of others were some of his most prominent features. He remained extremely humble and was always prepared to help anybody seeking ad-

vice, a favor by no means restricted to his friends and pupils.

Learn as if you were to live for ever,
Live as if you would die tomorrow.

—Isidore, Archbishop of Sevilla (570–636)

Lelio Orci
Claes B. Wollheim

ADA EVENTS

Physicians Teaching Day

The ADA New York Upstate Affiliate's Sixth Physicians Teaching Day, "Diabetes: Emerging Concepts and Challenges," will be 22 September 1988 at the Rochester Hilton, Rochester, New York. Credit is available. For information contact Sylvia Hough at the ADA New York Upstate Affiliate, P.O. Box 1037, Syracuse, NY 13201. Tel.: (315) 735-0591.

Professional Workshop for Diabetes Educators

The Middle Tennessee Diabetes Educators Group of the ADA Tennessee Affiliate is sponsoring a day-long workshop 22 September 1988 at the Maxwell House Hotel in Nashville, Tennessee. Current advances in the treatment of diabetes with applications to inpatient and outpatient settings will be presented. CEU credit will be offered. For more information contact the ADA Tennessee Affiliate, Suite 403, 1701, 21st Avenue S., Nashville, TN 37212. Tel.: (615) 298-3066.

Diabetes Education Update

The ADA Kansas Affiliate, the Division of Continuing Education at Wichita State University, the University of Kansas School of Medicine, and the Diabetes Treatment Center at St. Joseph Medical Center are cosponsoring "Diabetes Education Update," an intensive didactic workshop and clinical practicum for nurses and dietitians. The didactic sessions will be held 26–30 September 1988 at the Marriott hotel in Wichita, Kansas. The clinical practicum will be held 3–7 October 1988 at the Diabetes Treatment Center, St. Joseph Medical Center, Wichita. For more information contact Division of Continuing Education, Box 22, Wichita State University, Wichita, KS 67208. Tel.: (316) 689-3726.

New Horizons in Diabetes Complications

The ADA Texas Affiliate will host "New Horizons in Diabetes Complications" 30 September to 1 October 1988 at the Four Seasons Hotel in Austin, Texas. The symposium will deal with microvascular complications and is geared to primary-care physicians and allied health professionals. Featured faculty are Drs. Daniel W. Foster, Ralph DeFronzo, and Marvin Levin. For further information contact Jeff Fogel, Program Director, American Diabetes Association Texas Affiliate, 8140 N. Mopac, Bldg. 1, Suite 130, Austin, TX 78759. Tel.: (512) 343-6981.

Nutrition and Metabolism Symposium

The symposium "Current Issues in Nutrition and Metabolism," sponsored by ADA's Council on Nutritional Sciences and Metabolism, will be held 6–8 October 1988 at the Holiday Inn—Financial District in San Francisco, California. Topics to be covered by invited lecturers include factors affecting postmeal plasma glucose response, carbohydrate content of the diabetic diet, obesity and weight maintenance, diet and renal disease, and hypertension. For information write to Sharon Alleyne, Nutrition Symposium, Scientific and Medical Affairs Division, American Diabetes Association, 1660 Duke Street, Alexandria, VA 22314. Tel.: 1-800-232-3472, ext. 213.

Diabetic Foot Disorders

The American Diabetes Association and the Prescription Footwear Association are cosponsoring a symposium titled "Pedorthic Management of Diabetic Foot Disorders" on 23–24 October 1988 at the Mayflower Hotel in Washington, DC. Experts in foot anatomy, biomechanics, diabetic foot care, and footwear modification will give presentations; Dr. Marvin Levin will be the keynote speaker. The symposium format will be seminars, workshops, and technical exhibits. For further information contact the Prescription Footwear Association, 9861 Broken Land Parkway, Columbia, MD 21046. Tel.: (301) 381-7278.

11th International Diabetes Camping and Youth Services Conference

ADA will sponsor the 11th International Diabetes Camping and Youth Services Conference for professionals who staff diabetes resident and day camps at the Oglebay Resort in Wheeling, West Virginia, 28–31 October 1988. Located 50 miles outside Pittsburgh, Pennsylvania, Oglebay is one of the largest municipal facilities in the U.S. Golf, swimming, tennis, and horseback riding are among its outstanding features. The primary objective of the 3½-day conference is to present new ideas about areas of concern to camp professionals. Topics will include new tools for diabetes management, operational skills for camp management, program update, expansion of existing camp programs, and methods for handling psychosocial issues. For details contact Rebecca Mambert, American Diabetes Association, 1660 Duke Street, Alexandria, VA 22314. Tel.: 1-800-232-3472.

New Frontiers in Diabetes

The ADA North Dakota Affiliate will sponsor the 13th Annual Diabetes Symposium, titled "New Frontiers in Medicine." The symposium will be held 4 November 1988 at the Holiday Inn, Fargo, North Dakota.

Topics scheduled for the symposium include "Pancreas and β -cell transplantation" presented by R. Paul Robertson, MD, University of Minnesota, and "Diabetes as an autoimmune disease" presented by John Dupre, FRCP, Professor of Medicine, University Hospital, London, Ontario. Other areas for discussion include women's issues in diabetes, current trends in the management of type II diabetes, and family issues in diabetes.

For more information contact Mary Ann Keller, RN, MS, CDE, Executive Director, ADA North Dakota Affiliate, Box 234, Grand Forks, ND 58206-0234. Tel.: (701) 746-4427.

Future Meetings

36th Postgraduate Course: 20–22 January 1989, Loew's Anatole Hotel, Dallas, Texas.

49th Annual Meeting: 1–6 June 1989, Detroit, Michigan.

OTHER EVENTS

The Maillard Reaction in Diabetes

The NIH conference "The Maillard Reaction in Aging, Diabetes, and Nutrition" will be held 22–23 September 1988 at the National Institutes of Health, Bethesda, Maryland. For more information contact Dr. Vincent Monnier, Department of Pathology, Case-Western Reserve University, Cleveland, OH 44106. Tel.: (216) 368-6613.

Computers in Diabetes Management

A workshop titled "Computers in Diabetes Management" will be held 24–25 September 1988 in Toronto, Ontario, Canada. For more information contact Debra Edwards at the Biomedical Research Division, The Hospital for Sick Children, 555 University Avenue, Toronto Ontario, Canada M5G 1X8. Tel.: (416) 597-6414.

Cardiovascular Complications of Diabetes Mellitus: Science and Practice

An international symposium on cardiovascular complications of diabetes mellitus, sponsored by the Marjorie Merriweather Post Foundation, the Joslin Diabetes Center, and Harvard Medical School, will be conducted 6–7 October 1988 at the Park Plaza Hotel, Boston, Massachusetts. For information contact Harvard Medical School, Department of Continuing Education, Boston, MA 02115. Tel.: (617) 732-1525.

Malnutrition-Related Diabetes Mellitus

The 4th World Congress on Diabetes in the Tropics and Developing Countries will be held 15–16 November 1988 in Dhaka, Bangladesh. The theme of this Satellite Symposium to the 13th International Diabetes Federation Congress will be malnutrition-related diabetes mellitus. Information is available from Dr. Hajera Mahtab, Organizing Secretary, and Prof. A. K. Azad Khan, Chairman, Scientific Committee, Diabetic Association of Bangladesh, Shahbag Avenue, Dhaka-2, Bangladesh. Tel.: 400006-10. Telex: 642442 BPL BJ.

International Diabetes Federation Congress

The 13th International Diabetes Federation Congress will be held 20–25 November 1988 in Sydney, Australia. Address inquiries to the Congress Secretariat, Prof. J. Turtle, Department of Medicine, University of Sydney, Sydney, NSW 2006, Australia. Tel.: (02) 516-7073. Telex: AA26169 UN-1SYD.

ADA has made arrangements for low-cost travel and touring from the United States to Sydney. For information, please write to US-IDF Congress Travel Program, American Diabetes Association, 1660 Duke Street, Alexandria, VA 22314.

Endothelial Cell Function in Diabetic Microangiopathy

The symposium "Endothelial Cell Function in Diabetic Microangiopathy: Problems in Methodology and Clinical Aspects" will be held 27–29 November 1988 in Melbourne, Australia, as a satellite event to the 13th Congress of the International Diabetes Federation. For more information contact Dr. Massimo Porta, Clinica Medica B, Università di Torino, Corso Polonia 14, I-10126 Turin, Italy.

Indo-U.S. Diabetes Association Meeting

The Indo-U.S. Diabetes Association [affiliate of the Research Society for the Study of Diabetes in India (RSSDI)] meeting will be held in New Delhi, India, 2–4 December 1988. This advanced course will consist of invited lectures, clinical case discussions, and management conferences, including dietetics. Participants should be affiliated with a university or teaching institution. For details contact Secretary, RSSDI, Department of Endocrinology, Metabolism and Diabetes, All India Institute of Medical Sciences, Ansari Nagar, New Delhi—110 029, India.

Implications for the Central Nervous System

The symposium sponsored by the National Institutes of Health "Molecular and Cellular Aspects of Insulin, IGF's, and Their Receptors: Implications for the CNS" will be held 23–24 January 1989 at the University of Florida, Gainesville, Florida. Participants include G.I. Bell, David Clemmons, Argiris Efstratiadis, Douglas Ishii, Steven Jacobs, Barry I. Posner, Jesse Roth, William Rutter, Axel Ullrich, and Judson Van Wyk. For more information, contact Derek LeRoith, MD, PhD, Diabetes Branch, National Institutes of Health, tel.: (301) 496-8090, or Mohan Raizada, PhD, Gainesville, FL, tel.: (904) 372-3791.

3rd International Diabetes Conference

The 3rd International Diabetes Conference on Tissue-Specific Metabolic Alterations in Diabetes will be held 23–25 February 1989 in Florence, Italy. The conference will include invited lectures and several short communications, both oral and poster. The proceedings will be published by S. Karger, Basel. The scientific organizers of the conference are F. Belfiore, Catania, and G. M. Molinatti, Turin. Manuscripts of short communications (original plus 5 copies, 4 double-spaced typewritten pages with all items included) should be post-marked no later than 15 November 1988. Manuscripts should be sent via air mail with the registration fee (U.S. \$150) to the Scientific Secretariat, 3rd International Diabetes Conference, c/o Boehringer-Biochemia-Robin, Via S. Ugguzzone, 5, 20126 Milan, Italy.

AMERICAN DIABETES ASSOCIATION RESEARCH GRANTS AND AWARDS FOR 1988–89

Medical Student Research Fellowship Program

Funds, up to \$25,000/yr for 5 yr, are awarded to accredited U.S. medical schools to support the training of a minimum of 5 medical students/year. Participating students must be U.S. citizens or permanent residents, in good standing in an accredited U.S. medical school, and have completed at least 1 yr of medical school. Application deadline is 16 September 1988 for 1 January 1989 funding.

Mentor-Based Postdoctoral Fellowship Program

Awards in the amount of \$30,000/yr for 3 years are given to support a postdoctoral fellow working with an established diabetes investigator. The investigator must be a U.S. citizen or permanent resident and hold an appointment at a U.S. research institution. The fellow must have an MD or PhD degree, no more than 3 yr of postdoctoral research experience, and cannot serve an internship or residency during the award period. Application deadline is 14 October 1988 for 1 July 1989 funding.

Research and Development Awards

These awards provide a maximum of \$65,000/yr for 3 yr to support young investigators with 2–5 yr of postdoctoral research experience. The funds are to be divided between salary (restricted to a maximum of \$40,000/yr) and other grant support (restricted to a maximum of \$35,000/yr). Applicants must be U.S. citizens or permanent residents and hold independent faculty positions at U.S. university-affiliated institutions. Application deadlines are 5 August 1988 for 1 January 1989 funding and 3 February 1989 for 1 July 1989 funding.

Feasibility Grants

These grants provide up to \$40,000/yr for 2 yr for new and innovative diabetes research. The funds are to be used for equipment, supplies, and salary for technical assistance. Established diabetes investigators must propose marked departures from current research. Investigators in other fields are encouraged to apply their expertise to diabetes research. Applicants must be U.S. citizens or per-

manent residents and be members of U.S. university-affiliated institutions. Application deadlines are 5 August 1988 for 1 January 1989 funding and 3 February 1989 for 1 July 1989 funding.

Lions Clubs International Clinical Research Program in Diabetic Eye Disease

This program supports clinical or applied research in diabetic retinopathy in the U.S. and abroad. Awards up to \$40,000/yr for 2 yr will be given to support new treatment regimens, epidemiology, and translation research. In addition, training grants and grants for equipment will be considered. Application deadline is 3 February 1989 for 1 July 1989 funding.

Clinical Research Grant Program

Grants of up to \$50,000/yr are provided for 3 yr for studies that directly involve humans. In vitro research on human blood or tissue samples to measure effects of environmentally induced (e.g., diet, drugs) changes qualifies as clinical research under this program; simply using human tissues for laboratory research does not qualify. The funds may be used for equipment, supplies, and/or salary (excluding principal investigator's salary). Applicants must be U.S. citizens or permanent residents and hold faculty-level appointments at U.S. university-affiliated institutions. Application deadline is 3 February 1989 for 1 July 1989 funding.

Application forms for all programs are available by contacting the American Diabetes Association National Service Center, Division of Scientific and Medical Affairs, 1660 Duke Street, Alexandria, VA 22314. Tel.: (703) 549-1500.