

Organization Section

ADA EVENTS

Future Meetings

51st Annual Meeting: 21–28 June 1991, Washington Convention Center, Washington, DC.

52nd Annual Meeting: 18–23 June 1992, San Antonio Convention Center, San Antonio, TX.

Clinical Education Program (CEP)

Funded by an educational grant from The Upjohn Company, ADA's new Clinical Education Program (CEP) "Managing Diabetes in the 1990s" focuses on helping physicians gain a better understanding of how to manage the diabetic patient, including treatments that may delay or avoid diabetic complications. The 3.5-hour seminars are specifically designed for primary-care physicians. Attendees will receive Continuing Medical Education credits. ADA affiliates will conduct approximately 100 CEP seminars during the coming year. The following ADA affiliate CEP meetings have been scheduled:

Indiana Affiliate—19 January 1991, Highland.

Virginia Affiliate—31 January 1991, Winchester.

Nevada Affiliate—5 February 1991, Lake Tahoe.

Pennsylvania Affiliate—12 April 1991, White Haven.

Virginia Affiliate—15 April 1991, Roanoke.

For more information, contact your local ADA Affiliate or Dr. Michael Stolar, Director of Health Sciences, ADA National Center, 1660 Duke Street, Alexandria, VA 22314. Tel.: (703) 549-1500, ext. 360, or 1-800-232-3472, ext. 360. To verify dates, please contact the sponsoring affiliate.

New Mexico Metabolism Symposium

The Lovelace Medical Foundation, ADA New Mexico Affiliate, and New Mexico Chapter of the American College of Physicians will sponsor "New Mexico Metabolism Symposium 1991" 6–9 March 1991 at the Quail Ridge Inn in Taos, New Mexico. This 16th annual symposium will address evolving concepts in metabolic alterations relating to diabetes. Advance registration is requested by 20 February 1991. For more information, contact Lettie Dupuy, Lovelace Medical Foundation, 2441 Ridgecrest Drive, SE, Albuquerque, NM 87108. Tel.: (505) 262-7748.

Diabetes Update Symposium

The ADA Washington, DC, Affiliate is sponsoring "Diabetes Update 1991" 20 April 1991 at the Lipsett Auditorium, Clinical Center, National Institutes

of Health, Bethesda, Maryland. The speakers include Dr. N. Maclaren, Dr. M. Tuck, Dr. M. Pfeiffer, Dr. J. Halter, Dr. T. Wadden, and Dr. M.C. Riddle. For more information, contact Derek LeRoith, MD, PhD, Diabetes Branch, NIDDK, NIH, Building 10, Room 8S243, 9000 Rockville Pike, Bethesda, MD. Fax: (301) 480-4386.

Focus for 90s Nutrition and Diabetes Symposium

The ADA Council on Nutritional Science and Metabolism (CONSAM) is sponsoring "Nutrition and Diabetes Mellitus: Focus for the 90s" 22–23 June 1991 in Baltimore, Maryland, at the Hyatt Regency-Inner Harbor. Among the topics to be discussed are macronutrient composition and caloric dilution and the emergence of diabetes and changes in diet in developing countries. For more information, contact Liz DeShelter, RD, Diabetes Care Center, Riverside Methodist Hospitals, 3535 Olentangy River Road, Columbus, OH 43214. Tel.: (614) 261-5096.

OTHER EVENTS

14th IDF Congress

The International Diabetes Federation will hold its 14th Congress 23–28 June 1991 at the Washington Convention Center in Washington, DC. The program will include scientific and clinical sessions covering such topics as clinical care, health-care delivery, education, public awareness, fund raising and volunteerism, association management, government and association relations, and youth services. Preliminary registration forms are available. For more information, write to Linda Cann, American Diabetes Association, 1660 Duke Street, Alexandria, VA 22314. Tel.: 800-232-3472, ext. 281.

Macrovascular Complications of Diabetes Mellitus

A satellite symposium entitled "Macrovascular Complications of Diabetes Mellitus" will be held 20–22 June 1991 in Charleston, South Carolina. Registration deadline is 28 February 1991. For more information, contact Dr. Maria Lopes-Virella, Veterans Administration Medical Center, Research Services, 109 Bee Street, Charleston, SC 29403. Tel.: (803) 577-5011, ext. 7542.

3rd Congress on Trace Elements in Medicine and Biology

The French Society for Study and Research on Essential Trace Elements will hold its 3rd Congress on Trace Elements in Medicine and Biology 15–18 January 1991 at Les Deux Alpes, France. The program will focus on chromium, including discussions on chromium in diet and in diabetes, and trace elements, including a discussion on zinc and glucose tolerance. For more information, contact Richard Zawislak, Laboratoire d'Analyses, Institut de Chimie Biologique, 11 Rue Humann, 67085 Strasbourg Cedex, France.

Congress on Fructose and Fructose-Containing Foods

The International Congress on Fructose and Fructose Containing Foods: Nutritional and Metabolic Aspects—Economic Considerations will be held 21–23 March 1991 in Paris, France. This event is under the patronage of the European Association for the Study of Diabetes. For more information, contact Convergences-Fructose, 120 Avenue Gambetta, F-75020 Paris, France. Telex: 216 911 F. Fax: (33) (1) 40310165.

5th Milan International Meeting on Diabetes

The Scientific Institute of the San Raffaele Hospital is announcing the 5th Milan International Meeting on Diabetes, to be held 21–23 March 1991 in Milan, Italy. Among the topics to be discussed are glucose-transporter and insulin action, diabetic nephropathy, genetic epidemiology, lipoprotein, and immunology of diabetes. For more information, contact Piero Micossi, MD, Istituto Scientifico H San Raffaele, Via Olgettina 60, 20132 Milan, Italy. Tel.: 39-02-21702759; or Fax: 39-02-21702752.

International Symposium on Diabetes and Atherosclerosis

The Royal College of Physicians of Ireland will present "Diabetes and Atherosclerosis" 8–10 September 1991 at Trinity College in Dublin, Ireland. The symposium will feature keynote speeches from internationally recognized researchers. For more information, contact Prof. Gerald H. Tomkin, MD, Director of Education, Royal College of Physicians in Ireland, Kildare Street, Dublin 2, Ireland, UK.

ADA GRANTS AND AWARDS

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 permanent residents and be members of U.S. university-affiliated institutions or the equivalent within the U.S. or U.S. possessions. Application deadline is 1 February 1991 for funding beginning 1 July 1991.

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 support an investigator's salary and research program and enable the investigator to initiate an independent research effort that will lead to future long-term research funding. Applicants must be U.S. citizens or permanent residents and hold independent faculty positions at U.S. university-affiliated institutions within the U.S. and U.S. possessions. Application deadline is 1 February 1991 for funding beginning 1 July 1991.

Lions Club 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, funds will be provided to support the training of foreign investigators in U.S. research institutions, to enable U.S. investigators to conduct training programs in foreign institutions, and to provide equipment for clinical research in diabetic retinopathy. Application deadline is 1 February 1991 for 1 July 1991 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 1 February 1991 for 1 July 1991 funding. Application forms for all programs are available by contacting the American Diabetes Association National Center, Division of Scientific and Medical Affairs, 1660 Duke Street, Alexandria, VA 22314. Tel.: (703) 549-1500 or 800-232-3472.

Recent publications by ADA-supported researchers:

lynedjian PB, Pilot P-R, Nospikel T, Milburn JL, Quaade C, Hughes S, Ucla C, **Newgard CB**: Dif-

ferential expression and regulation of the glucokinase gene in liver and islets of Langerhans. *Proc Natl Acad Sci USA* 86:7838–42, 1990

Johnson JH, **Newgard CB**, Milburn JL, Lodish HF, Thorens B: The high K_m glucose transporter of islets of Langerhans is functionally similar to the low affinity transporter of liver and has an identical primary sequence. *J Biol Chem* 265:6548–51, 1990

Chen L, Alam T, Johnson JH, Hughes S, **Newgard CB**, Unger RH: Regulation of β -cell glucose transporter gene expression. *Proc Natl Acad Sci USA* 87:4088–92, 1990

Newgard CB, Quaade C, Hughes SD, Milburn JL: Glucokinase and glucose transporter expression in liver and islets: implications for control of glucose homeostasis. *Biochem Soc Trans* 18:851–53, 1990

Johnson JH, Ogawa A, Chen L, Orci L, **Newgard CB**, Alam T, Unger RH: Underexpression of high K_m glucose transporters in β -cells: role in noninsulin-dependent diabetes. *Science* 250:546–49, 1990

Kuo W-L, Gehm BD, **Rosner MR**: Cloning and expression of the complementary DNA for a *Drosophila* insulin-degrading enzyme. *Mol Endocrinol* 4:1580–91, 1990

Schroder S, Brab M, **Schmid-Shonbein GW**, Reim M, Schmid-Shonbein H: Microvascular network topology of the human retinal vessels. *Fortschr Ophthalmol* 87:52–58, 1990

Sekar MC, Yang M, Meezan E, Pillion DJ: Angiotensin II and bradykinin stimulate phosphoinositide breakdown in intact rat kidney glomeruli but not in proximal tubules: glomerular response modulated by phorbol ester. *Biochem Biophys Res Commun* 166:373–79, 1990