

# 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.

### Special Issues in Diabetes Management

The Clinical Society of the ADA New York Downstate Affiliate will sponsor a Combined Health Care Course on 18 May 1991 at the New York University Medical School. Lectures and workshops will focus on effective instructional methods, improving diabetes and counseling skills, nutrition and diabetes complications, prescribing and planning exercise, and sexual problems in the diabetic patient. Application has been made for continuing education credit with the American Diabetes Association, American Medical Association, New York Board for Podiatry, and New York Nursing Association. For more information, contact the ADA New York Downstate Affiliate, 21st Floor, 505 Eighth Avenue, New York, NY 10018. Tel.: (212) 947-9707.

### 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.

### 4th Annual Meeting of the International Diabetic Athletes Association

The ADA Vermont Affiliate will be hosting the International Diabetic Athletes Association's 4th Annual Meeting 29 June through 1 July 1991 at the Given Medical Complex, University of Vermont in Burlington, Vermont. This meeting is designed to provide an opportunity to exchange information and broaden perspectives on diabetes and exercise. Speakers include Michael Berger, MD, Christine Silkwood, PhD, Bernie Zinman, MD, and Edward Horton, MD. For more information, contact Angus G. Scrimgeour, IDAA Meeting Coordinator, 89 South Willard Street, Burlington, VT 05401.

### Diabetes Mellitus: Therapeutic Implications for the Year 2000

The ADA Texas Affiliate is sponsoring a clinical symposium 27–28 September in San Antonio, Texas. "Diabetes Mellitus: Therapeutic Implications for the Year 2000" will be composed of general sessions and workshops to be presented by Ralph DeFronzo, James Gavin, Scott Grundy, Norman Kaplan, Harold Lebovitz, Sherman Holvey, Jay Skyler, Aaron Vinik, and others. For more information, contact Barbara Lau, 8140 N. Mopac, Bldg. 1, Suite 130, Austin, TX 78759. Tel.: (512) 343-6981.

### Diabetes Education Update

The ADA Kansas Affiliate, Wichita State University Division of Continuing Education, University of Kansas School of Medicine—Wichita Branch, and Diabetes Treatment and Research Center of St. Joseph Medical Center, Wichita will sponsor an intensive workshop and clinical practicum titled "Diabetes Education Update" on 30 September through 4 October and 7–11 October 1991 at the Hilton East in Wichita, Kansas. This workshop is designed for nurses, dietitians, and other health-care providers. For more information, contact Philis Clampitt, DEU Coordinator, Division of Continuing Education, Wichita State University, Wichita, KS 67208-1595. Tel.: (316) 689-3726.

### Suppressing Obesity and Diabetes

The ADA North Dakota Affiliate will sponsor its 16th Annual Professional Diabetes Symposium for physicians and health-care professionals titled "Suppressing Obesity and Diabetes" on 25 October 1991 at the Radisson Inn, Bismark, North Dakota. The following topics and speakers will be featured: "Current Trends in Research and Practice," Jay Skyler, MD; "Obesity Among Native Americans, With Emphasis on Nutrition," Aaron Vinik, MD; "Slim Chance, Weight Loss Fraud," Brenda Broussard, RD, MPH, MBA; and Francis M. Berg. For more information, contact Mary Ann Keller, RN, MS, CDE, Executive Director, ADA North Dakota Affiliate, Inc., 101 North Third Street, Suite 400, Grand Forks, North Dakota 58203. Tel.: (701) 746-4427 or 1-800-666-6709.

## OTHER EVENTS

### 14th IDF Congress

The International Diabetes Federation will hold its 14th Congress 23–28 June 1991 at the Wash-

ington 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, contact Linda Cann, American Diabetes Association, 1660 Duke Street, Alexandria, VA 22314. Tel.: 800-232-3472, ext. 281.

### 3rd International Congress on Pancreatic and Islet Transplantation

The 3rd International Congress on Pancreatic and Islet Transplantation and the Symposium on Artificial Insulin Delivery Systems will be held 6–8 June 1991 at the Palais des Congrès in Lyon, France. For more information, contact the Package Organization, 45 Rue Sainte-Geneviève, 69006 Lyon, France. Tel.: 78-24-18-06; Fax: 72-74-18-33.

### 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. 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.

### 8th World Congress of International Society for Artificial Organs

The 8th World Congress of the International Society for Artificial Organs will be held in conjunction with the 4th International Symposium on Blood Substitutes 19–22 August 1991 at the Montreal Convention Centre in Montreal, Quebec, Canada. For more information and abstract forms, contact the Organizing Secretariat, Artificial Cells and Organs Research Centre, Faculty of Medicine, McGill University, 3655 Drummond Street, Montreal, Quebec, Canada H3G 1Y6. Tel.: (514) 398-3512; Fax: (514) 398-4983.

### 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.

### **16th European Symposium on Hormones and Cell Regulation**

The 16th European Symposium on Hormones and Cell Regulation will be held 23–26 September 1991 in Mont Ste. Odile, Alsace, France. Among the topics to be discussed are nitric oxide and cyclic nucleotides, hormonal factors regulating embryonic development, GTP-binding proteins, and factors in the development of the nervous sys-

tem. For more information, contact Dr. B. Hamprecht, Physiologisch-chemisches Institut, der Universität, Hoppe-Seyler-Str. 4, D-7400 Tübingen, Germany. Fax: 49-7071-293361.

### **Diabetes Educators Section Annual Conference**

The Diabetes Educators Section of the Canadian Diabetes Association will be holding its 18th National Conference 25–28 September 1991 in Halifax, Nova Scotia, Canada. For more information, contact Elsbeth Weatherhead, Colchester Regional Hospital, 207 Willow Street, Truro, Nova

Scotia B2N 5A1, Canada. Tel.: (902) 893-5528.

### **11th International Immunology and Diabetes Workshop**

The 11th International Immunology and Diabetes Workshop (IDW), the 3rd International Diabetes Immunotherapy Group Symposium, and the 1st Islet Cell Antibody Register Users Study Workshop will be held 14–17 November 1991 in Nagasaki, Japan. Deadline for submission of abstracts is 15 June 1991. For more information, contact Dr. Shigenobu Nagataki, 11th IDW Headquarters, First Department of Internal Medicine, Nagasaki University School of Medicine, Nagasaki 852, Nagasaki, Japan. Fax: 81-958-43-0255.

TABLE 1  
Système International (SI) units

Measurement	SI unit	Common unit	Conversion factors	
			Common → SI	SI → common
Acetone	μM	mg/dl	172	0.006
Aldosterone	pM	ng/dl	27.7	0.036
Amino acid fractionation				
Alanine	μM	mg/dl	112	0.009
α-Aminobutyric acid	μM	mg/dl	96.9	0.010
Arginine	μM	mg/dl	57.4	0.174
Asparagine	μM	mg/dl	75.7	0.132
Aspartic acid	μM	mg/dl	75.1	0.133
Citrulline	μM	mg/dl	57.1	0.018
Cystine	μM	mg/dl	41.6	0.024
Glutamic acid	μM	mg/dl	68.0	0.015
Glutamine	μM	mg/dl	68.4	0.015
Glycine	μM	mg/dl	133	0.008
Histidine	μM	mg/dl	64.5	0.016
Hydroxyproline	μM	mg/dl	76.3	0.013
Isoleucine	μM	mg/dl	76.2	0.013
Leucine	μM	mg/dl	76.2	0.013
Lysine	μM	mg/dl	68.4	0.015
Methionine	μM	mg/dl	67.0	0.015
Ornithine	μM	mg/dl	75.7	0.013
Phenylalanine	μM	mg/dl	60.5	0.017
Proline	μM	mg/dl	87.0	0.012
Serine	μM	mg/dl	95.2	0.011
Taurine	μM	mg/dl	79.9	0.013
Threonine	μM	mg/dl	84.0	0.012
Tryptophan	μM	mg/dl	49.0	0.020
Tyrosine	μM	mg/dl	55.2	0.018
Valine	μM	mg/dl	85.4	0.012
Amylase, enzymatic	U/L	U/L	1.00	1.00
Calcium	mM	mg/dl	0.250	4.00
Carbon dioxide content	mM	meq/L	1.00	1.00
Cholesterol	mM	mg/dl	0.026	38.7
Citrate	μM	mg/dl	52.1	0.020
Cortisol	nM	μg/dl	27.6	0.360
C-peptide	nM	ng/ml	0.331	3.02
Creatinine	μM	mg/dl	88.4	0.011
Creatinine clearance	ml/s	ml/min	0.017	60.0
Cyclic adenosine monophosphate	nmol/mmol creatinine	mol/g creatinine	113	0.009
Epinephrine	pM	pg/ml	5.46	0.183
Estrogen	pM	pg/ml	3.67	0.273
Fatty acids, nonesterified	g/L	mg/dl	0.01	100
Fructose	mM	mg/dl	0.056	18.0
Galactose (children)	mM	mg/dl	0.056	18.0
Gastrin	ng/L	pg/ml	1.00	1.00
Gastroinhibitory polypeptide	pM	pg/ml	0.201	4.98
Glucagon	ng/L	pg/ml	1.00	1.00
Glucose	mM	mg/dl	0.056	18.0
Glycerol (free)	mM	mg/dl	0.109	9.21
Growth hormone	μg/L	ng/ml	1.00	1.00
β-Hydroxybutyrate	μM	mg/dl	96.1	0.010
Hydroxyproline	μmol · day <sup>-1</sup> · m <sup>-2</sup>	mg · day <sup>-1</sup> · m <sup>-2</sup>	7.63	0.131
Insulin	pM	μU/ml	6.00	0.167
Lactate (as lactic acid)	mM	meq/L	1.00	1.00
Lipase	U/L	U/L	1.00	1.00
Lipoproteins	mM	mg/dl	0.026	38.7
Norepinephrine (radioenzymatic procedure)	nM	pg/ml	0.006	169
Osmolality	mmol/kg	mosmol/kg	1.00	1.00
Pancreatic polypeptide	pM	pg/ml	0.239	4.18
Phosphate (as inorganic phosphorus)	mM	mg/dl	0.323	3.10
Phospholipid phosphorus, total	mM	mg/dl	0.323	3.10
Phospholipids, substance fraction of total phospholipid				
Lysophosphatidylcholine	Express as decimal	% of total	0.010	100
Phosphatidylcholine	Express as decimal	% of total	0.010	100
Phosphatidylethanolamine	Express as decimal	% of total	0.010	100
Sphingomyelin	Express as decimal	% of total	0.010	100
Potassium	mM	meq/L	1.00	1.00
Prolactin	μg/L	ng/ml	1.00	1.00
Protein, total	g/L	g/dl	10.0	0.100
Pyruvate (as pyruvic acid)	M	mg/dl	114	0.009
Renin	ng · L <sup>-1</sup> · s <sup>-1</sup>	ng · ml <sup>-1</sup> · h <sup>-1</sup>	0.278	3.60
Somatostatin	pM	pg/ml	0.611	1.64
Steroids				
Hydroxycorticosteroids (as cortisol)	μmol/day	mg/day	2.76	0.363
17-Ketogenic steroids (as dehydroepiandrosterone)	μmol/day	mg/day	3.47	0.288
17-Ketosteroids (as dehydroepiandrosterone)	μmol/day	mg/day	3.47	0.288
Ketosteroid fractions				
Androsterone	μmol/day	mg/day	3.44	0.290
Dehydroepiandrosterone	μmol/day	mg/day	3.47	0.288
Etiocanolone	μmol/day	mg/day	3.44	0.290
Thyroxine	nM	μg/dl	12.9	0.078
TSH (thyroid-stimulating hormone)	mU/L	μU/ml	1.00	1.00
Urea nitrogen	mM	mg/dl	0.357	2.8
Vasoactive intestinal polypeptide	pM	pg/ml	0.331	3.02