Extramural Grant Program Meeting
May 14, 1991, Crystal Lake, IL, USA

Program
Section
Title
Grant round

Access
Randall D. Jenkins, MD Louisville, KY, USA
Antoine E. Khoury, MB, BCh Toronto, Canada
Michael Jay Moritz, MD Philadelphia, PA, USA
George J. Picha, MD Independence, OH, USA
Steve J. Schwab, MD Durham, NC, USA

Flow Instability in Extracorporeal Systems: Access Implications
Exit Site Infections in Peritoneal Dialysis
Early Detection of Arteriovenous Shunt Stenosis
Development of a Percutaneous Connector
New Techniques for Improving Fistula Patency

Adequacy/Transport
Alfred K. Cheung, MD Salt Lake City, UT, USA
Mrinal K. Dewanjee, PhD Miami, FL, USA
Charles A. Dinarello, MD Boston, MA, USA
Miriam A. Friedlander, MD Cleveland, OH, USA
Ray Hakim, MD/Tom Parker, MD Nashville, TN, USA
Raymond T. Krediet, MD Amsterdam, The Netherlands

Activated Complement Bound to Dialysis Membranes
Platelet Balance in Hemodialysis with Hollow Fiber Device
Gene Expression and Synthesis of the Interleukin-1 Receptor Antagonist in Health and During Hemodialysis
Eicosanoids, Cytokines and the Peritoneal Macrophage
Inter-relationships of Dialysis Prescription, Protein Catabolic Rate and Morbidity/Mortality with Dialyzer Biocompatibility
Effects of Mediators on Permeability to Macromolecules During Peritonitis

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β2-Microglobulin Amyloidosis
David M. Spiegel, MD Chicago, IL, USA
Stuart Sprague, DO Chicago, IL, USA
SAP Facilitates β2-Microglobulin Tissue Deposition Mechanism of β2-Microglobulin Induced Bone Loss

Cardiovascular
Debbie Beasley, PhD Boston, MA, USA
Vito M. Campese, MD Los Angeles, CA, USA
Karel M.L. Leunissen, MD Maastricht, The Netherlands
Isaac Teitelbaum, MD Denver, CO, USA
Ronald G. Victor, MD Dallas, TX, USA
Mechanisms of Cytokine and Endotoxin-Induced Vasodilatation
Sympathetic Nerve Activity and Hypertension in Rats with Chronic Renal Failure
Venous Compliance and Chronic Intermittent Hemodialysis
Vasopressin Resistance in Chronic Renal Failure
Reflex Control of Sympathetic Nerve Discharge in Uremia

Diabetes
John A. Charlesworth, MD Little Bay, Australia
John M. Davison, MD
Newcastle, UK
Eileen Ellis, MD
Little Rock, AR, USA
Arnold J. Felsenfeld, MD Los Angeles, CA, USA
Bruce Jackson, MD Victoria, Australia
William F. Keane, MD Minneapolis, MN, USA
Timothy W. Meyer, MD Palo Alto, CA, USA
Friedrich K. Port, MD Ann Arbor, MI, USA
Giancarlo Viberti, MD London Bridge, UK
Regulation of the Angiotensin II Receptor in Diabetes
Pregnancy and Diabetic Nephropathy: 2Interaction and Prognosis
Glomerulopathy in Early Type I Diabetes Mellitus
Diabetic Renal Failure and Secondary Hyperparathyroidism
Vasoactive Peptides and Diabetic Nephropathy
The Role of Lipids in the Nephropathy of Type II Diabetes
Glomerular Barrier Dysfunction in Diabetic Rats
Optimal Treatment Modality by Patient Characteristics in Diabetic ESRD
Protein Quality and Insulin Resistance in Diabetes
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Nutrition  
Victoria Lim, MD Iowa City, IA, USA  
Mahmoud Loghman-Adham, MD Salt Lake City, UT, USA  
Protein Metabolism in Patients with Renal Diseases  
Use of Phosphonoformic Acid in Chronic Renal Failure  

Pathophysiology  
Robert C. Atkins, MD Melbourne, Australia  
Frank A. Carone, MD Chicago, IL, USA  
Gavril Hercz, MD Toronto, Canada  
Eiji Ishimura, MD Osaka, Japan  
Douglas M. Jefferson, PhD Boston, MA, USA  
Clifford E. Kashtan, MD Minneapolis, MN, USA  
Roger D. London, MD New York, NY, USA  
Ronald D. Perrone, MD Boston, MA, USA  
Allan D. Sniderman, MD Montreal, Que., Canada  
R. A. Rolf A. K. Stahl, MD Frankfurt, Germany  
Johannes D. Veldhuis, MD Charlottesville, VA, USA