

Vol. 4, No. 1

July 1993

**EDITORIAL**

**The Maturation of JASN**

Jared J. Grantham, Lawrence P. Sullivan ..... 1

**EDITORIAL REVIEWS**

**Cellular Action and Interactions of Arginine Vasopressin in Vascular Smooth Muscle: Mechanisms and Clinical Implications**

Robert W. Schrier, Verena Briner, Carlos Caramelo ..... 2

**Survival in Hemodialysis Patients: The Role of Depression**

Paul L. Kimmel, Karen Weihs, Rolf A. Peterson ..... 12

**AMERICAN RENAL TRAINING CENTERS**

**Reversible Renal Failure in the Primary Antiphospholipid Syndrome—A Report of Two Cases**

Dolamu O. B. Sokunbi, Frederick Miller, Nand K. Wadhwa, Edward P. Nord ..... 28

**Mechanisms of Orthostatic Proteinuria: Lessons from a Transplant Donor**

Prasad Devarajan ..... 36

**ARTICLES**

**Short- and Long-Term Effect of Angiotensin II Receptor Blockade in Rats with Experimental Diabetes**

Andrea Remuzzi, Norberto Perico, Camen S. Amuchastegui, Barbara Malanchini, Maria Mazerska, Christina Battaglia, Tullio Bertani, Giuseppe Remuzzi ..... 40

**Effects of Thromboxane A<sub>2</sub> Receptor Blockade on Oliguric Ischemic Acute Renal Failure in Conscious Rats**

H.J. Kramer, M.G. Mohaupt, F. Pinoli, A. Backer, H. Meyer-Lehnert, H. Schlebusch ..... 50

**Interleukin-6 Receptor Blockage Ameliorates Murine Lupus Nephritis**

Bryce A. Kiberd ..... 58

**Insulin-Like Growth Factor-1 Receptor and Binding Proteins in Rat Kidney After Nephron Loss**

Michael K. Hise, Joel S. Lahn, Zhi-Ming Shao, Nicki M. Mantzouris, Joseph A. Fontana ..... 62

**Chronic Amphotericin Nephropathy: Morphometric, Electron Microscopic, and Functional Studies**

Samuel N. Heyman, Isaac E. Stillman, Mayer Brezis, Franklin H. Epstein, Kate Spokes, Seymour Rosen ..... 69

*Continued*

*JASN Journal of the American Society of Nephrology*, ISSN 1046-6673, is the official journal of the American Society of Nephrology and is published monthly by Williams & Wilkins, 428 E. Preston St., Baltimore, MD 21202-3993. Second class postage paid at Baltimore, MD and at additional mailing offices. Subscription rates: \$120 U.S. (\$190 for European air freight delivery; \$160 for Surface delivery to other countries), institutions: \$170 U.S. (\$240 for European air freight delivery, \$95 for Surface delivery to other countries), in-training \$55 U.S. (\$125 for European air freight delivery, \$95 for Surface delivery to other countries), single copy \$16.00 (\$19.00 foreign). Subscription prices subject to change. Annual dues include \$60.00 for journal subscription. To order, call 1-800-638-6423 from anywhere in the U.S. In Maryland, call 1-800-638-4007. The GST number for Canadian subscribers is 123394371. Country of origin USA. POSTMASTER: Send address changes to the *Journal of the American Society of Nephrology*, 428 E. Preston St., Baltimore, MD 21202-3993. JASN has been indexed by CURRENT CONTENTS/CLINICAL MEDICINE, CURRENT CONTENTS/LIFE SCIENCES, INDEX MEDICUS, BIOSIS. Copyright © 1993 by the American Society of Nephrology.

Vol. 4, No. 1

July 1993

<b>Can Pharmokinetic Dosing Decrease Nephrotoxicity Associated With Aminoglycoside Therapy?</b> David J. Leehey, Barbara I. Braun, Debra A. Tholl, Lena S. Chung, Cheryl A. Gross, Jill A. Roback, Joseph R. Lentino .....	81
<b>Regional Blood Flow Redistribution Due to Acetate</b> David R. Buyer, Richard L. Kramer, Alan R. Lau, James L. Ferguson, John T. Daugirdas .....	91
<b>Assessment of Postdialysis Dry Weight: A Comparison of Techniques</b> Peter M. Kouw, Jeroen P. Kooman, Emile C. Cherlex, Cornelius G. Ulthof, Peter M.J.M. de Vries, Karel M.L. Leunissen .....	98
<b>CONCISE REPORTS</b>	
<b>Immunocytochemical Localization of Sodium-Calcium Exchanger in Canine Nephron</b> James E. Bourdeau, Alan N. Taylor, Anthony M. Tacopino .....	105
<b>Angiotensin II Receptor Subtypes on Adrenal Adenoma in Primary Hyperaldosteronism</b> Michael D. Cook, M. Ian Phillips, Vickie I. Cook, Birgitta Kimura, Christopher S. Wilcox .....	111
<b>ANNOUNCEMENTS</b> .....	117
<b>CORRECTION</b> .....	118

**INFORMATION FOR SUBSCRIBERS**

**JASN THE JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY** Frequency: **Monthly** One Volume per year beginning in July. **Correspondence concerning business matters** should be addressed to: Customer Service, Subscriptions, Williams & Wilkins, 428 E. Preston Street, Baltimore, MD 21202-3993. Telephone 1-(800) 638-6423 from anywhere in the U.S. and Canada. From other countries, call (410) 428-8555. Fax: (410) 528-8596. **Correspondence regarding editorial matters** should be addressed to the Editor: Jared J. Grantham, M.D., JASN, University of Kansas Medical Center, 3901 Rainbow Blvd., Kansas City, Kansas 66160-7361. **For information on American Society of Nephrology membership**, contact: Sherri Thomson (202) 857-1190. **Instructions to Authors** appears in each issue. **Annual Subscription Rates: U.S.:** Personal \$120.00; Institutional \$170.00; In-training \$55.00; Single copy \$16.00. Foreign prices exclude Japan. Europe, air freight delivery: Personal \$190.00; Institutional \$240.00; In-training \$125.00. **Other countries, surface delivery:** Personal \$160.00; Institutional \$210.00; In-training \$95.00; Single copy \$19.00. **Special in-training rate** is available to residents, interns and students for a period of three years. In requesting this rate, please indicate training status and name of institution. This special in-training rate can be extended to all participants in four-year training programs, provided that sufficient proof of training status is supplied. **Institutional (multiple reader) rate** applies to libraries, schools, hospitals, clinics, group practices, and federal, commercial and private institutions and organizations. **For Japanese rates**, please contact: Igaku-Shoin MYW Ltd., 3-23-14 Hongo, Bunkyo-Ku, Tokyo 113, JAPAN. Phone: (03) 5689-5400 or 5401. Fax: (03) 5689-5402. **PRICES ARE SUBJECT TO CHANGE.** The GST number for Canadian subscribers is 123394371. Country of origin USA. **New subscriptions** received before May 1st of each year will begin with the first issue of the year. Subscriptions received between May 1st and October 31st will start with the mid-year issue. Subscriptions received after October 31st will start with the first issue of the following year. Subscriptions may start with any current year's issue upon request. Subscriptions should be renewed promptly to avoid a break in journal delivery. The publisher cannot guarantee to supply back issues on late renewals. **Change of address:** The publisher must be notified 60 days in advance. Journals undeliverable because of incorrect address will be destroyed. Duplicate copies may be obtained, if available, from the Publisher at the regular price of a single issue. Send address changes to The American Society of Nephrology, 428 East Preston Street, Baltimore, MD 21202-3993. **Reprints of individual articles** are available only from the authors. **Reprints in large quantities, for commercial or academic use**, may be purchased from the Publisher. For information and prices call (410) 528-5580. **Microfilm and Microfiche:** Prices are available upon request. Microfilm editions may be ordered from Williams & Wilkins. **The Journal's subscription list** is available for rental on a controlled basis from Williams & Wilkins. All promotional literature must be approved in advance. **Bound volumes** for Volume 2 will be available early 1993 to subscribers only. Orders must be received by the Publisher before December 1, 1992. **Disclaimer:** The statements and opinions contained in the articles of *JASN Journal of the American Society of Nephrology* are solely those of the individual authors and contributors and not of the American Society of Nephrology or Williams & Wilkins. The appearance of advertisements in the Journal is not a warranty, endorsement or approval of the products or services advertised or of their effectiveness, quality or safety. American Society of Nephrology and the Publisher disclaim responsibility for any injury to persons or property resulting from any ideas or products referred to in the articles or advertisements. **Volume Index** appears in the June issue. **Indexing/Abstracting Services:** The Journal is currently included by the following services in print and/or electronic format: *Index Medicus*, *Current Contents (Clinical Medicine)* and *Biosis*. **Copyright Information:** JASN: THE JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY is copyrighted by the American Society of Nephrology. No portion(s) of the work(s) may be reproduced without written consent from the Publisher. Permission to reproduce copies of articles for non-commercial use may be obtained from the Copyright Clearance Center, 27 Congress Street, Salem, MA 01970, with a fee of \$3.00 per copy.