

1995 Homer W. Smith Award

Characterization of Basolateral mTAL Cl⁻ Channels

Thomas E. Andreoli 815

AMERICAN RENAL TRAINING CENTER

Amlodipine Increases Cyclosporine Levels in Hypertensive Renal Transplant Patients: Results of a Prospective Study

Todd E. Pesavento, Patsy A. Jones, Bruce A. Julian, John J. Curtis 831

ARTICLES

Urinary Content of Aquaporin 1 and 2 in Nephrogenic Diabetes Insipidus

Peter M.T. Deen, Rémon A.M.H. van Aubel, Angenita F. van Lieburg, Carel H. van Os 836

Vasopressin Increases Glomerular Filtration Rate in Conscious Rats through Its Antidiuretic Action

Nadine Bouby, Mina Ahloulay, Elise Nsegbe, Michèle Déchaux, François Schmitt, Lise Bankir 842

Evidence for Distinct Vascular and Tubular Urea Transporters in the Rat Kidney

Dominique Promeneur, Germain Rousselet, Lise Bankir, Pascal Bailly, Jean-Pierre Cartron, Pierre Ripoché, Marie-Marcelle Trinh-Trang-Tan 852

Impact of Single Use *Versus* Reuse of Cellulose Dialyzers on Clinical Parameters and Indices of Biocompatibility

Brian J.G. Pereira, Svetlozar N. Natov, Sumuk Sundaram, Christopher H. Schmid, Felice R. Trabelsi, James A. Strom, Andrew J. King 861

A Comparison of Three Brands of Polysulfone Membranes

Nicholas A. Hoenich, Celia Woffindin, Annmarie Brennan, Penelope J. Cox, John N.S. Matthews, Monica Goldfinch 871

Biofilm Causes Decreased Production of Interferon-gamma

Mrinal K. Dasgupta 877

Potential Transfer of Endotoxin Across High-Flux Polysulfone Membranes

J. Bommer, K.P. Becker, R. Urbaschek 883

Risk Factors for Hospital Utilization in Chronic Dialysis Patients

Michael V. Rocco, J. Michael Soucie, David M. Reboussin, William M. McClellan, on Behalf of the Southeastern Kidney Council (Network 6) 889

Prostaglandin E₁ Reduces the Glomerular mRNA Expression of Monocyte-Chemoattractant Protein 1 In Anti-Thymocyte Antibody-Induced Glomerular Injury

T. Jocks, G. Zahner, J. Freudenberg, G. Wolf, F. Thaiss, U. Helmchen, R.A.K. Stahl 897

Monocyte Chemotactic Peptide-1 Expression in Acute and Chronic Human Nephritides: A Pathogenetic Role in Interstitial Monocytes Recruitment

Giuseppe Grandaliano, Loreto Gesualdo, Elena Ranieri, Raffaella Monno, Vincenzo Montinaro, Fabio Marra, Francesco P. Schena 906

Role of Tumor Necrosis Factor- α on Mesangial Cell MCP-1 Expression and Monocyte Migration: Mechanisms Mediated by Signal Transduction

Rama Pai, Hunjoo Ha, Michael A. Kirschenbaum, Vajjinath S. Kamanna 914

Lupus Nephritis in Children: A Longitudinal Study of Prognostic Factors and Therapy

Noosha Baqi, Shohreh Moazami, Anup Singh, Hadi Ahmad, Shivaiha Balachandra, Amir Tejani 924

Effect of Duration of Type I Diabetes on the Prevalence of Stages of Diabetic Nephropathy Defined by Urinary Albumin/Creatinine Ratio
James H. Warram, Gary Gearin, Lori Laffel, Andrzej S. Krolewski 930

Expression of Type IV Collagen $\alpha 3$ and $\alpha 4$ Chain mRNA in X-Linked Alport Syndrome
Koichi Nakanishi, Norishige Yoshikawa, Kazumoto Iijima, Hajime Nakamura 938

***In Vivo* ANA Is a Fixation Artifact: Nucleosome-Complexed Antinucleosome Autoantibodies Bind to the Cell Surface and Are Internalized**
Kees Kramers, Mieke C.J. van Bruggen, Truus P.M. Rijke-Schilder, Henri B.P.M. Dijkman, Machteld N. Hylkema, Huib J.E. Croes, Jack A.M. Fransen, Karel J.M. Assmann, Wil J.M. Tax, Ruud J.T. Smeenk, Jo H.M. Berden 946

CONCISE REPORTS

Association of Asialo-galactosyl $\beta 1$ -3N-acetylgalactosamine on the Hinge with a Conformational Instability of Jacalin-Reactive Immunoglobulin A1 in Immunoglobulin A Nephropathy
Yoshiyuki Hiki, Hitoo Iwase, Tohru Kokubo, Akira Horii, Atsushi Tanaka, Joji Nishikido, Kyoko Hotta, Yutaka Kobayashi 955

An Application of Electron Paramagnetic Resonance to Evaluate Nitric Oxide and its Quenchers
Toshimasa Yoshioka, Noriko Iwamoto, Katsumi Ito 961

Access Flow Measurements in Hemodialysis Patients: *In Vivo* Validation of an Ultrasound Dilution Technique
Peter J. Bosman, Frans T.J. Boereboom, Chris J. Bakker, Willem P.T. Mali, Bert C. Eikelboom, Peter J. Blankestijn, Hein A. Koomans 966

ANNOUNCEMENTS 970

ATTENTION ALL JASN MANUSCRIPT CONTRIBUTORS

JASN assesses excess page charges on articles and concise reports that exceed four pages in length at a charge of \$60.00 per printed page. Invited reviews, editorials, and special features are exempt.

*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, 351 West Camden St., Baltimore, MD 21201-2436. Periodicals postage paid at Baltimore, MD and at additional mailing offices. Subscription rates: \$234 U.S. (\$299 for delivery to other countries); institutions: \$329 U.S. (\$394 for delivery to other countries); in-training: \$94 U.S. (\$159 for delivery to other countries); single copy: \$28.00 (\$34.00 foreign). Subscription prices subject to change. Annual dues include \$65.00 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. C.P.C. International Publication Mail Number 0953814. Country of origin: USA. POSTMASTER: Send address changes to the *Journal of the American Society of Nephrology*, 351 West Camden St., Baltimore, MD 21201-2436. JASN has been indexed by CURRENT CONTENTS/CLINICAL MEDICINE, CURRENT CONTENTS/LIFE SCIENCES, INDEX MEDICUS, BIOSIS, and EXCERPTA MEDICA. Copyright © 1996 by the American Society of Nephrology.*