

REGULAR ARTICLES

Cell and Transport Physiology

Glucocorticoids Downregulate the Vasopressin-Regulated Urea Transporter in Rat Terminal Inner Medullary Collecting Ducts

Masahiro Naruse, Janet D. Klein, Ziad M. Ashkar, Joely D. Jacobs, Jeff M. Sands 517

Hyponatremia in the Rat in the Absence of Positive Water Balance

Manjula Gourishankar, Ching-Bun Chen, Surinder Cheema-Dhadli, Andrew Steele, Mitchell L. Halperin 524

Inhibition of IMCD 11 β -Hydroxysteroid Dehydrogenase Type 2 by Low pH and Acute Acid Loading

Patrick J. Nolan, Mark A. Knepper, Randall K. Packer 530

Hemodynamics, Hypertension, and Vascular Regulation

Renal Responses to AT₁ Blockade in Angiotensin II-Induced Hypertensive Rats

Chi-Tarng Wang, Li-Xian Zou, L. Gabriel Navar 535

Role of Angiotensin II in the Renal Effects Induced by Nitric Oxide and Prostaglandin Synthesis Inhibition

Maria T. Llinás, Juan D. González, Eduardo Nava, F. Javier Salazar 543

Hormones, Autocoids, and Growth Factors

Angiotensin II Inhibits Inducible Nitric Oxide Synthase in Tubular MCT Cells by a Posttranscriptional Mechanism

Gunter Wolf, Fuad N. Ziyadeh, Regine Schroeder, Rolf A.K. Stahl 551

Inhibition of Nitric Oxide Synthase Activity and Nitric Oxide-Dependent Calcium Influx in Renal Epithelial Cells by Cyclic Adenosine Monophosphate: Implications for Cell Injury

Kenichiro Kitamura, Kimio Tomita, R. Tyler Miller 558

Agonist-Induced Calcium Regulation in Freshly Isolated Renal Microvascular Smooth Muscle Cells

Edward W. Inscho, Michael J. Mason, Alan C. Schroeder, Paul C. Deichmann, Karl D. Stiegler, John D. Imig 569

Regulated Expression of Endothelin Converting Enzymes in Glomerular Endothelial Cells

Keiko Uchida, Shinichi Uchida, Kosaku Nitta, Wako Yumura, Hiroshi Nihei 580

Immunology and Pathology

Distribution of Glycosaminoglycans in Rat Renal Tubular Epithelium

Talia Weinstein, Uzi Gafier, Avry Chagnac, Ehud Skutelsky 586

Regulation of RANTES and ICAM-1 Expression in Murine Mesangial Cells

Joseph A. Satriano, Bernhard Banas, Bruno Luckow, Peter Nelson, Detlef O. Schlondorff 596

Cells Isolated from the Human Cortical Interstitium Resemble Myofibroblasts and Bind Neutrophils in an ICAM-1–Dependent Manner <i>Aled Clayton, Robert Steadman, John D. Williams</i>	604
Vascular Expression of Polycystin <i>Matthew D. Griffin, Vicente E. Torres, Joseph P. Grande, Rajiv Kumar</i>	616
Dialysis	
Correction of Acidosis in Hemodialysis Patients Increases the Sensitivity of the Parathyroid Glands to Calcium <i>Kenneth A. Graham, Nicholas A. Hoenic, Margaret Tarbit, Michael K. Ward, Timothy H.J. Goodship</i>	627
Correction of Acidosis in Hemodialysis Decreases Whole-Body Protein Degradation <i>Kenneth A. Graham, David Reaich, Susan M. Channon, Shaun Downie, Timothy H.J. Goodship</i>	632
Transplantation	
A Randomized Study Comparing Three Cyclosporine-Based Regimens in Cadaveric Renal Transplantation <i>Claudio Ponticelli, Antonio Tarantino, Giuseppe P. Segoloni, Vincenzo Cambi, Gaetano Rizzo, Paolo Altieri, Francesco Mastrangelo, Marco Castagneto, Maurizio Salvadori, Umberto Valente, Maria Cossu, Stefano Federico, Francesco Pisani, Giuseppe Montagnino, Maria Messina, Luca Arisi, Mario Carmellini, Gianbenedetto Piredda, Giuseppe Corbetta, for the Italian Multicentre Study Group for Renal Transplantation (SIMTRe)</i>	638
Prediction of Cyclosporine Area Under the Curve Using a Three-Point Sampling Strategy after Neoral [®] Administration <i>Flavio Gaspari, Maria Franca Anedda, Orietta Signorini, Giuseppe Remuzzi, Norberto Perico</i>	647

REVIEW

Obstruction of the Fetal Urinary Tract <i>Craig A. Peters</i>	653
--	-----

DISEASE OF THE MONTH

Membranous Glomerulonephritis <i>Alan G. Wasserstein</i>	664
---	-----

MILESTONES IN NEPHROLOGY

Preparation and Study of Fragments of Single Rabbit Nephrons [Burg M, Grantham J, Abramow M, Orloff J]: <i>Am J Physiol</i> 210: 1293–1298, 1966 (with comments by M. B. Burg and J. A. Schafer)]	675
---	-----

AMERICAN RENAL TRAINING CENTERS SERIES

Obstructive Nephropathy as a Result of Retroperitoneal Fibrosis: A Review of Its Pathogenesis and Associations <i>Trudy M. Demko, Jonathan R. Diamond, James Groff</i>	684
Thrombotic Thrombocytopenic Purpura Associated with Ticlopidine Therapy <i>Sean F. Leavey, Joel Weinberg</i>	689

ANNOUNCEMENTS

ATTENTION ALL MANUSCRIPT CONTRIBUTORS The Journal of the American Society of Nephrology will assess excess page charges on articles and brief communications that exceed four pages in length at a charge of \$60.00 per printed page. Invited reviews, editorials, and special features will be exempt.

The 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: \$255 U.S. (\$330 for delivery to other countries); institutions: \$359 U.S. (\$434 for delivery to other countries); in-training: \$102 U.S. (\$172 for delivery to other countries); single copy: \$32 (\$38 foreign). Subscription prices subject to change. Annual dues include \$70 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. The Journal has been indexed by CURRENT CONTENTS/CLINICAL MEDICINE, CURRENT CONTENTS/LIFE SCIENCES, INDEX MEDICUS, BIOSIS, and EXCERPTA MEDICA. Copyright © 1997 by the American Society of Nephrology.