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See related article by Goldberg et al. (pp. 579–586).

549 siRNA Therapy for Glomerulonephritis
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551 Idiopathic Membranous Nephropathy: Getting Better by Itself
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See related articles by Polanco et al. (pp. 697–704) and Ronco and Debiec (pp. 564–569).

552 Treatment of Chronic Hyponatremia: Now We Know How, but Do We Know When or If?
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siRNA-Based Therapy Ameliorates Glomerulonephritis
Hideki Shimizu, Yuichi Hori, Shinya Kaname, Koei Yamada, Nobuhiro Nishiyama, Satoru Matsumoto, Kanjiro Miyata, Makoto Oba, Akira Yamada, Kazunori Kataoka, and Toshiro Fujita
*See related editorial by Kreidberg (pp. 549–551).*

Intercalated Cell BK-α/β4 Channels Modulate Sodium and Potassium Handling During Potassium Adaptation
J. David Holtzclaw, P. Richard Grimm, and Steven C. Sansom

Integrative Urinary Peptidomics in Renal Transplantation Identifies Biomarkers for Acute Rejection
Xuefeng B. Ling, Tara K. Sigdel, Kenneth Lau, Lihua Ying, Irwin Lau, James Schilling, and Minnie M. Sarwal

B Cells Limit Repair after Ischemic Acute Kidney Injury
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Dragon Enhances BMP Signaling and Increases Transepithelial Resistance in Kidney Epithelial Cells

Ultrastructural Analysis of Vascular Calcifications in Uremia
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Spontaneous Remission of Nephrotic Syndrome in Idiopathic Membranous Nephropathy
Natalia Polanco, Elena Gutiérrez, Adelardo Covarsi, Francisco Ariza, Agustín Carreño, Ana Vigil, José Baltar, Gema Fernández-Fresnedo, Carmen Martín, Salvador Pons, Dolores Lorenzo, Carmen Bernis, Pilar Arrizabalaga, Gema Fernández-Juárez, Vicente Barrio, Milagros Sierra, Ínés Castellanos, Mario Espinosa, Francisco Rivera, Aniana Ollet, Francisco Fernández-Vega, and Manuel Praga for the Grupo de Estudio de las Enfermedades Glomerulares de la Sociedad Española de Nefrología
*See related editorial by Glassock (pp. 551–552).*

Oral Tolvaptan Is Safe and Effective in Chronic Hyponatremia
Tomas Berl, Friederike Quittnat-Pelletier, Joseph G. Verbalis, Robert W. Schrier, Daniel G. Bichet, John Ouyang, and Frank S. Czerwiec, for the SALTWATER Investigators
*See related editorial by Greenberg and Lehrich (pp. 552–555).*

Immune Phenotype Predicts Risk for Posttransplantation Squamous Cell Carcinoma
Robert P. Carroll, David San Segundo, Kevin Hollowood, Teresa Marafioti, Taane G. Clark, Paul N. Harden, and Kathryn J. Wood

CLINICAL RESEARCH

Phenotype and Genotype Characterization of Adenine Phosphoribosyltransferase Deficiency
Guillaume Bollée, Cécile Dollinger, Lucile Boutaud, Delphine Guillemot, Albert Bensman, Jérôme Harambat, Patrice Deteix, Michel Daudon, Bertrand Knebelmann, and Irène Ceballos-Picot