This Month’s Highlights
ASN News

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2423 The Continuing Story of Renal Repair with Stem Cells
Enyu Imai and Hirotugu Iwatani
• See related article by Bi et al. (pp. 2486–2496).

2424 Anti–Endothelial Cell Antibodies in Vasculitis
Caroline O.S. Savage and Julie M. Williams
• See related article by Holme ´ n et al. (pp. 2497–2508).

2426 Fabry Nephropathy and the Case for Adjunctive Renal Therapy
Christoph Wanner and Frank Breunig
• See related article by Tahir et al. (pp. 2609–2617).

Clinical Commentary
2429 Use of the ΔAG/ΔHCO3

2432 Resolved: Capillary Endothelia Are a Major Contributor to the Glomerular Filtration Barrier
Barbara J. Ballermann versus Radu V. Stan

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2439 Angiotensin II–Induced Reactive Oxygen Species and the Kidney
Anja Sachse and Gunter Wolf

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2447 New Approaches to the Treatment of Dense Deposit Disease

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2457 Is There a Shared Pathophysiology for Thrombotic Thrombocytopenic Purpura and Hemolytic-Uremic Syndrome?
Karl Desch and David Motto

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2461 Antiphospholipid Syndrome in Systemic Lupus Erythematosus
Gary S. Hill and Dominique Nochy

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Basic Research

2465 ★ Laminin Compensation in Collagen α3(IV) Knockout (Alport) Glomeruli Contributes to Permeability Defects

2473 Decoy Receptor 3 Ameliorates an Autoimmune Crescentic Glomerulonephritis Model in Mice
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2486 ★ Stromal Cells Protect against Acute Tubular Injury via an Endocrine Effect
Baoyuan Bi, Roland Schmitt, Malika Israilova, Hitoshi Nishio, and Lloyd G. Cantley
• See related editorial by Imai and Iwatani (pp. 2423–2424).

2497 Anti-Endothelial Cell Autoantibodies Selectively Activate SAPK/JNK Signalling in Wegener's Granulomatosis
Carolina Holmén, Elzafir Elsheikh, Marta Christensson, Jining Liu, Anne-Sofie Johansson, Abdal Rashid Qureshi, Sirpa Jalkanen, and Suchitra Sumitran-Holgersson
• See related editorial by Savage and Williams (pp. 2424–2426).

2509 Thiazide Diuretics Directly Induce Osteoblast Differentiation and Mineralized Nodule Formation by Interacting with a Sodium Chloride Co-Transporter in Bone
Melita M. Dvorak, Cyrille De Joussineau, D. Howard Carter, Trairak Pisitkun, Mark A. Knepper, Gerardo Gamba, Paul J. Kemp, and Daniela Riccardi

2517 Peripheral Administration of the Melanocortin-4 Receptor Antagonist NBI-12i Ameliorates Uremia-Associated Cachexia in Mice
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2525 ★ Podocin Participates in the Assembly of Tight Junctions between Foot Processes in Nephrotic Podocytes
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2534 PINCH-1 Promotes Tubular Epithelial-to-Mesenchymal Transition by Interacting with Integrin-Linked Kinase
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2544 Induction of Renal Endonuclease G by Cisplatin Is Reduced in DNase I-Deficient Mice
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2554 Mizoribine Corrects Defective Nephrin Biogenesis by Restoring Intracellular Energy Balance
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2565 ★ Case-Mix Adjustment for an Expanded Renal Prospective Payment System
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2575 NHANES III: Influence of Race on GFR Thresholds and Detection of Metabolic Abnormalities
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2583 Intradialytic Parenteral Nutrition Does Not Improve Survival in Malnourished Hemodialysis Patients: A 2-Year Multicenter, Prospective, Randomized Study
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2592 Access to Kidney Transplantation among Patients Insured by the United States Department of Veterans Affairs
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2600 Fibroblast Growth Factor 23 (FGF23) Predicts Progression of Chronic Kidney Disease: The Mild to Moderate Kidney Disease (MMKD) Study
Danilo Fliser, Barbara Kollerits, Ulrich Neyer, Donna P. Ankerst, Karl Lhotta, Arno Lingenhel, Eberhard Ritz, and Florian Kronenberg; for the MMKD Study Group

2609 Antiproteinuric Therapy and Fabry Nephropathy: Sustained Reduction of Proteinuria in Patients Receiving Enzyme Replacement Therapy with Agalsidase-β
Hindia Tahir, Leslie L. Jackson, and David G. Warnock
• See related editorial by Wanner and Breunig (pp. 2426–2428).