This Month’s Highlights

UP FRONT MATTERS

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2797 Interferon-β: A Novel Way to Treat Nephrotic Syndrome?
Andrew J. Rees and Renate Kain
• See related article by Satchell et al. (pp. 2875–2884).

2798 Aquaporin 1, Urea Transporters, and Renal Vascular Bundles
Thomas L. Pallone
• See related article by Zhai et al. (pp. 2937–2944).

2800 The Wages of Thin
Clifford E. Kashtan
• See related article by Voskarides et al. (pp. 3004–3016).

Occasional Observations

2803 Chronic Kidney Disease—The Promise and the Perils
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2806 Quantitative Appraisal of Treatment Options for IgA Nephropathy
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2810 Antimicrobial Peptides, Innate Immunity, and the Normally Sterile Urinary Tract
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2824 2006 Homer W. Smith Lecture: Taming T Cells
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2836 Frontiers in Nephrology: Early Atherosclerosis—A View Beyond the Lumen
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2843 Frontiers in Nephrology: The Evolving Therapeutic Applications of Endothelial Progenitor Cells
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2853 Frontiers in Nephrology: Genomic Approaches to Understanding the Molecular Basis of Atherosclerosis
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2863 Frontiers in Nephrology: Targeting Inflammation Using Novel Nitric Oxide Donors
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BASIC RESEARCH

2875 Interferon-β Reduces Proteinuria in Experimental Glomerulonephritis
• See related editorial by Rees and Kain (pp. 2797–2798)
2885 ★ Glomerular Endothelial Glycocalyx Constitutes a Barrier to Protein Permeability
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2894 Renal L-Type Fatty Acid–Binding Protein in Acute Ischemic Injury

2903 Mitogenic Signaling via Platelet-Derived Growth Factor β in Metanephric Mesenchymal Cells
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2912 Viscosity of Contrast Media Perturbs Renal Hemodynamics
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2921 ★ Insulin-Like Growth Factor-1 Sustains Stem Cell–Mediated Renal Repair
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3004 ★ COL4A3/COL4A4 Mutations Producing Focal Segmental Glomerulosclerosis and Renal Failure in Thin Basement Membrane Nephropathy
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See related editorial by Kashtan (pp. 2800–2802)