

nephron

**Clinical
Practice**

No. 1

Editorial

- 1 The Birth of Nephron, the Original Journal of Nephrology**
Fine, L.G. (London)

Comments & Analyses

- c3 Loss of Bone Mass after Renal Transplantation**
See de Sévaux et al., pp. c21–c28
Torres, A. (Tenerife)
- c5 Radiocontrast Media-Induced Renal Injury – Saline Is Effective in Prevention.** See Trivedi et al., pp. c29–c34
Holt, S. (Brighton)

Minireviews

- c7 Management of Lupus Nephropathy**
Hebert, L.A. (Columbus, Ohio)
- c13 Prevention of Acute Renal Failure in the Critically Ill**
Ronco, C. (Vicenza); Bellomo, R. (Melbourne)

Original Papers

- c21 Abnormal Vitamin D Metabolism and Loss of Bone Mass after Renal Transplantation**
de Sévaux, R.G.L.; Hoitsma, A.J.; van Hoof, H.J.C.; Corstens, F.J.M.; Wetzels, J.F.M. (Nijmegen)
- c29 A Randomized Prospective Trial to Assess the Role of Saline Hydration on the Development of Contrast Nephrotoxicity**
Trivedi, H.S.; Moore, H.; Nasr, S.; Aggarwal, K.; Agrawal, A.; Goel, P.; Hewett, J. (Columbia, Mo.)
- c35 Long-Term Effects of Reflux Nephropathy on Blood Pressure and Renal Function in Adults**
Köhler, J.R.; Tencer, J.; Thysell, H. (Lund); Forsberg, L.; Hellström, M. (Göteborg)

- c46 Announcement**

No. 2

Comment & Analysis

- c47 Treating IgA Nephropathy – Who, When and How?**
See Goumenos et al., pp. c58–c68
Feehally, J. (Leicester)
- c49 Another Marker of Cardiac Dysfunction in Dialysis Patients?**
See Furuhashi et al., pp. c69–c74
Zoccali, C. (Reggio Calabria)

Minireview

- c51 The Importance of Associated Extra-Renal Vascular Disease on the Outcome of Patients with Atherosclerotic Renovascular Disease**
Shurrab, A.E.; MacDowall, P.; Wright, J.; Mamtora, H.; Kalra, P.A. (Salford)

Original Papers

- c58 Prednisolone and Azathioprine in IgA Nephropathy. A Ten-Year Follow-Up Study**
Goumenos, D.S.; Davlouros, P. (Patras); El Nahas, A.M.; Ahuja, M.; Shortland, J.R. (Sheffield); Vlachoianis, J.G. (Patras); Brown, C.B. (Sheffield)
- c69 Serum Ratio of Heart-Type Fatty Acid-Binding Protein to Myoglobin. A Novel Marker of Cardiac Damage and Volume Overload in Hemodialysis Patients**
Furuhashi, M.; Ura, N.; Hasegawa, K.; Yoshida, H.; Tsuchihashi, K.; Nakata, T.; Shimamoto, K. (Sapporo)
- c75 One-Year Growth Hormone Therapy Improves Granulocyte Function without Major Effects on Nutritional and Anthropometric Parameters in Malnourished Hemodialysis Patients**
Kotzmann, H.; Schmidt, A.; Lercher, P.; Schuster, E.; Geyer, G.; Frisch, H.; Hörl, W.H.; Mayer, G.; Luger, A. (Vienna)

- c74 Corrigendum**

No. 3

Comment & Analysis

- c83 A Spoonful of Sugar.** See Ito et al., pp. c97–c105
Topley, N. (Cardiff)
- c85 Detection of Sub-Clinical Vascular Disease: A Little Help from the Kidney.** See Tsioufis et al., pp. c106–c111
Wheeler, D.C. (London)

- c87 Haemodiafiltration: Current Status**
Spalding, E.; Farrington, K. (Stevenage)

Original Papers

- c97 Effect of Glucose Polymer on the Intercellular Junctions of Cultured Human Peritoneal Mesothelial Cells**
Ito, T.; Yorioka, N.; Kyuden, Y.; Asakimori, Y.; Kiribayashi, K.; Ogawa, T.; Kohno, N. (Hiroshima)
- c106 Microalbuminuria Is Closely Related to Impaired Arterial Elasticity in Untreated Patients with Essential Hypertension**
Tsioufis, C.; Tzioumis, C.; Marinakis, N.; Toutouzas, K.; Tousoulis, D.; Kallikazaros, I.; Stefanadis, C.; Toutouzas, P. (Athens)
- c112 Membranous Glomerulonephritis Associated with Follicular B-Cell Lymphoma and Subepithelial Deposition of IgG1- κ Paraprotein**
Evans, D.J. (London); Macanovic, M. (Cambridge); Dunn, M.J.; Pusey, C.D. (London)

No. 4

Comment & Analysis

- c119 Advanced IgA Nephropathy: To Treat or Not to Treat?**
See Rasche et al., pp. c131–c136 and Sato et al., pp. c137–c145
Locatelli, F.; Pozzi, M.; Del Vecchio, L.; Pozzi, C. (Lecco)
- c122 Cystatin C: What More Do We Need to Know?**
See Schück et al., pp. c146–c151
Newman, D.J. (Carshalton)

Minireview

- c124 Vascular Calcification in Chronic Renal Failure**
Tomson, C. (Bristol)

Original Papers

- c131 Cyclophosphamide Pulse Therapy in Advanced Progressive IgA Nephropathy**
Rasche, F.M.; Klotz, C.H.; Czock, D.; Karges, W.; Muehe, R.; Jehle, P.M.; Mertz, A.; Keller, F. (Ulm)
- c137 Cohort Study of Advanced IgA Nephropathy: Efficacy and Limitations of Corticosteroids with Tonsillectomy**
Sato, M.; Hotta, O.; Tomioka, S.; Horigome, I.; Chiba, S.; Miyazaki, M.; Noshiro, H.; Taguma, Y. (Sendai)
- c146 Glomerular Filtration Rate Estimation in Patients with Advanced Chronic Renal Insufficiency Based on Serum Cystatin C Levels**
Schück, O.; Teplan, V.; Jabor, A.; Stolova, M.; Skibova, J. (Prague)

- c152 Author Index Vol. 93, 2003**
c152 Subject Index Vol. 93, 2003

nephron

Experimental
Nephrology

No. 1

Editorial

- 1 The Birth of Nephron, the Original Journal of Nephrology**
Fine, L.G. (London)

Minireviews

- e3 Molecular Complexes Formed with Polycystins**
Lakkis, M.; Zhou, J. (Boston, Mass.)
- e9 Towards Understanding the Polycystins**
Kaletta, T.; Van der Craen, M.; Van Geel, A.; Dewulf, N.; Bogaert, T. (Zwijnaarde); Branden, M.; King, K.V.; Buechner, M. (Lawrence, Kans.); Barstead, R. (Oklahoma City, Okla.); Hyink, D.; Li, H.-P.; Geng, L.; Burrow, C.; Wilson, P. (New York, N.Y.)
- e18 Organisation of Bone Morphogenetic Proteins in Renal Development**
Martinez, G. (St. Lucia); Bertram, J.F. (Clayton)
- e23 Redox Signaling in Mesangial Cells**
Pfeilschifter, J.; Eberhardt, W.; Beck, K.-F.; Huwiler, A. (Frankfurt am Main)

Original Papers

- e27 Renal Alpha-Actinin-4: Purification and Puromycin Aminonucleoside-Binding Property**
Goto, H.; Wakui, H.; Komatsuda, A.; Ohtani, H.; Imai, H.; Sawada, K.-i. (Akita); Kobayashi, R. (Kagawa)
- e36 Oxytocin Induces Apical and Basolateral Redistribution of Aquaporin-2 in Rat Kidney**
Jeon, U.S. (Chinju); Joo, K.W. (Incheon); Na, K.Y.; Kim, Y.S.; Lee, J.S.; Kim, J.; Kim, G.-H. (Seoul); Nielsen, S. (Aarhus); Knepper, M.A. (Bethesda, Md.); Han, J.S. (Seoul)
- e46 A Model for ex vivo Renal Angiogenesis**
Brodsky, S.V. (Valhalla, N.Y.); Smith, M. (Stony Brook, N.Y.); Kashgarian, M. (New Haven, Conn.); Goligorsky, M.S. (Valhalla, N.Y.)

- e22, e35 Announcements**

No. 2

Minireviews

- e53 Does Bone Marrow Contain Renal Precursor Cells?**
Poulsom, R. (London)
- e58 Therapeutic Promise of Embryonic Kidney Transplantation**
Hammerman, M.R. (St. Louis, Mo.)

Technical Report

- e63 Phenotyping Renal Leukocyte Subsets by Four-Color Flow Cytometry: Characterization of Chemokine Receptor Expression**
Vielhauer, V.; Anders, H.-J.; Pérez de Lema, G.; Luckow, B.; Schlöndorff, D.; Mack, M. (Munich)

- e72 Selective Cyclooxygenase-2 Inhibition Upregulates Renal Cortical α , Integrin Expression**
Waldner, Ch.; Heise, G.; Meyer-Kirchrath, J.; Schrör, K.; Grabensee, B.; Heering, P. (Düsseldorf)
- e80 Expression and Cellular Localisation of Renal Endothelin-1 and Endothelin Receptor Subtypes in Autosomal-Dominant Polycystic Kidney Disease**
Ong, A.C.M.; Newby, L.J. (Sheffield); Dashwood, M.R. (London)

e62 Corrigendum**No. 3**

Minireview

- e87 Biology of Congenital Obstructive Nephropathy**
Liapis, H. (St. Louis, Mo.)

Original Papers

- e92 Anti-Mouse Mesangial Cell Serum Induces Acute Glomerulonephropathy in Mice**
Yo, Y.; Braun, M.C.; Barisoni, L.; Mobaraki, H.; Lu, H.; Shrivastav, S.; Owens, J.; Kopp, J.B. (Bethesda, Md.)
- e107 Ischemic Preconditioning of Renal Tissue: Identification of Early Up-Regulated Genes**
Gomes, M.D.; Cancherini, D.V. (São Paulo); Moreira, M.A.R. (Goiás); Rebouças, N.A. (São Paulo)
- e117 Caspase-9 Takes Part in Programmed Cell Death in Developing Mouse Kidney**
Araki, T.; Hayashi, M. (Tokyo); Nakanishi, K.; Morishima, N. (Saitama); Saruta, T. (Tokyo)

No. 4

Minireviews

- e125 What Are Renal Defensins Defending?**
Donovan, K.L.; Topley, N. (Cardiff)
- e129 Targeting Ras Genes in Kidney Disease**
Hendry, B.M.; Sharpe, C.C. (London)

Original Papers

- e134 Growth Hormone Increases Low-Density Lipoprotein Receptor and HMG-CoA Reductase mRNA Expression in Mesangial Cells**
Machado, M.O.; Hirata, R.D.C.; Hirata, M.H. (São Paulo); Hirszel, P.; Sellitti, D.F.; Doi, S.Q. (Bethesda, Md.)
- e141 Mechanisms of Down-Regulation of the Renal Parathyroid Hormone Receptor in Rats with Chronic Renal Failure**
Josifovska, T.; Nonoguchi, H.; Machida, K.; Tomita, K. (Kumamoto)
- e150 Vitamin D Receptor Binding to DNA Is Altered without the Change in Its Expression in Human Renal Clear Cell Cancer**
Madej, A.; Puzianowska-Kuznicka, M. (Warsaw); Tanski, Z. (Ostroleka); Nauman, J.; Nauman, A. (Warsaw)
- e158 Extracellular Actin Impairs Glomerular Capillary Repair in Experimental Mesangioproliferative Glomerulonephritis**
Janssen, U.; Eitner, F.; Kunter, U.; Ostendorf, T. (Aachen); Wolf, G. (Hamburg); Chaponnier, C.; Gabbiani, G. (Geneva); Kerjaschki, D. (Vienna); Floege, J. (Aachen)

e168 Author Index Vol. 93, 2003

e168 Subject Index Vol. 93, 2003

No. 1

Editorial

- 1 The Birth of Nephron, the Original Journal of Nephrology**
Fine, L.G. (London)

Minireview

- p3 The Renin-Angiotensin System and Progression of Renal Disease: From Hemodynamics to Cell Biology**
Wolf, G.; Butzmann, U.; Wenzel, U.O. (Hamburg)

Original Papers

- p14 Dietary Citrate Treatment of Polycystic Kidney Disease in Rats**
Tanner, G.A.; Tanner, J.A. (Indianapolis, Ind.)
- p21 Effect of Sertraline Hydrochloride on Cardiac Autonomic Dysfunction in Patients with Hemodialysis-Induced Hypotension**
Yalcin, A.U.; Kudaiberdieva, G.; Sahin, G.; Gorenek, B.; Akcar, N.; Kuskus, S.; Bayrak, F.; Timuralp, B. (Eskisehir)

p28 Announcement**No. 2**

Minireview

- p29 The Curious Genomic Path from Leaky Red Cell to Nephrotic Kidney**
Stewart, G.W. (London); Fricke, B. (Bochum)

Original Papers

- p34 Urinary Concentration Defect and Limited Expression of Sodium Cotransporter, rBSC1, in a Rat Model of Chronic Renal Failure**
Michimata, M.; Kazama, I.; Mizukami, K.; Araki, T.; Nakamura, Y.; Suzuki, M.; Wang, W.; Fujimori, K.; Satomi, S.; Ito, S.; Imai, Y.; Matsubara, M. (Sendai)
- p42 A Nitric Oxide-Generating Beta-Blocking Agent Prevents Renal Injury in the Rat Remnant Kidney Model. Comparative Study of Two Beta-Blocking Drugs, Nipradilol and Propranolol**
Takamitsu, Y.; Nakanishi, T.; Nishihara, F.; Hasuike, Y.; Izumi, M.; Inoue, T.; Hiraoka, K.; Itahana, R.; Miyagawa, K. (Nishinomiya)
- p51 Reversible Angiotensin II-Mediated Albuminuria in Rat Kidneys Is Dynamically Associated with Cytoskeletal Organization**
Clavant, S.P. (Clayton, Vic.); Forbes, J.M.; Thallas, V.; Osicka, T.M.; Jerums, G. (Heidelberg, Vic.); Comper, W.D. (Clayton, Vic.)

No. 3

Minireview

- p61 Cross-Talk between Two Organs: How the Kidney Responds to Disruption of Acid-Base Balance by the Lung**
Madias, N.E.; Adrogué, H.J. (Boston, Mass./Houston, Tex.)

Original Papers

- p67 High Glucose Induces Type 1 Hexokinase Gene Expression in Isolated Glomeruli of Diabetic Rats and in Mesangial Cells**
Henningsen, C.; Zahner, G.; Thaiss, F. (Hamburg)
- p76 1,25-Dihydroxyvitamin D₃ Stimulates Osteopontin Expression in Rat Kidney**
Han, K.-H.; Jung, J.-Y.; Cha, J.-H.; Kim, H. (Seoul); Madsen, K.M. (Gainesville, Fla.); Kim, J. (Seoul)

No. 4

Minireviews

- p87 Nephrotoxicity and the Proximal Tubule.** Insights from Cadmium
Thévenod, F. (Manchester/Witten)
- p94 Volume Control, Blood Pressure and Cardiovascular Function.** Lessons from Hemodialysis Treatment
Charra, B.; Chazot, C. (Tassin)

Preliminary Communication

- p102 Low Urinary Albumin Excretion in Astronauts during Space Missions**
Cirillo, M.; De Santo, N.G. (Naples); Heer, M. (Cologne); Norsk, P. (Copenhagen); Elmann-Larsen, B. (Noordwijk); Bellini, L. (Montesarchio); Stellato, D. (Naples); Drummer, C. (Aachen)
- p106 Author Index Vol. 93, 2003**
- p106 Subject Index Vol. 93, 2003**