Highlights in this issue:

- **Targeting Hypoxia-Inducible Factors for the Treatment of Anemia in Chronic Kidney Disease Patients**
  Locatelli, F.; Fishbane, S.; Block G.A.; Macdougall, I.C.

- **The Association between Biomarker Profiles, Etiology of Chronic Kidney Disease, and Mortality**
  Langsford, D.; Tang, M.; Cheikh Hassan, H.I.; Djurdjev, O.; Sood, M.M.; Levin, A.

- **Clinical Features and Outcomes of a Racially Diverse Population with Fibrillary Glomerulonephritis**
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In the category ‘Internal Medicine’

Tattooed Skin and Health
Editors: J. Serup (Copenhagen); Kluger, N. (Helsinki); Bäumler, W. (Regensburg)
X + 258 p., 110 fig., 85 in color, 25 tab., hard cover, 2015
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Retinal Pharmacotherapeutics
Editors: Nguyen, Q.D. (Omaha, Nebr.); Rodrigues, E.B. (São Paulo); Farah, M.E. (São Paulo); Mieler, W.F. (Chicago, Ill.); Du, D.V. (Omaha, Nebr.)
XVI + 408 p., 83 fig., 71 in color, 33 tab., hard cover, 2016
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Immuno-Oncology
Editors: Michielin, O.; Coukos, G. (Lausanne)
VI + 140 p., 8 fig., 5 in color, 11 tab., hard cover, 2015
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Karger titles which received awards in previous BMA Medical Book Competitions

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Editors: J.A. Battarbee-Ennever; A.K.E. Horn
3rd, revised and extended edition
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Paediatric Bronchoscopy
Editors: R.A. Stahel; S. Peters
Vol. 38
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Macular Edema: A Practical Approach
Editors: L. Buettner-Ennever; M. Bäumler
2nd ed. 2015
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Kidney Diseases aims to provide a platform for the communication of novel research findings from both clinical science and basic research and covers the entire spectrum of nephrological disorders. The journal has a particular interest in publishing research that supports communication and exchange of knowledge between East and West.

The basic research section includes experimental work in animal models and in vitro. Clinical trials, observational studies, and other original clinical research work related to kidney diseases are the focus of the clinical science section; Moreover, important studies on hemodialysis and peritoneal dialysis are also considered. Invited review articles and editorials by renowned experts and high-quality rapid communications round off the contents of the journal.

Kidney Diseases
Founded: 2015
Category: Clinical and Basic Research
Field of Interest: Nephrology

Listed in bibliographic services, including: PubMed/PubMed Central, Google Scholar

2017: Volume 3
4 issues per volume
Language: English
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- New Insights into the Pathogenesis of IgA Nephropathy: Novak, J.; Rizk, D. (Birmingham, Ala.); Takahashi, K. (Birmingham, Ala./Toyoake); Zhang, X.; Bian, Q. (Birmingham, Ala./Shanghai); Ueda, H.; Ueda, Y.; Reilly, C. (Birmingham, Ala.); Lai, L.-Y. (Birmingham, Ala./Shanghai); Hao, C. (Shanghai); Novak, L.; Huang, Z.-Q.; Renfrow, M.B. (Birmingham, Ala.); Suzuki, H. (Birmingham, Ala./Tokyo); Julian, B.A. (Birmingham, Ala.)
- Macrophage Phenotype in Kidney Injury and Repair: Meng, X.-M. (Hefei); Tang, P.M.-K. (Hong Kong); Li, J. (Hefei); Lan, H.Y. (Hong Kong/Shenzhen)
- Peritoneal Dialysis in Asia: Kwong, V.W.-K.; Li, P.K.-T. (Hong Kong)
- Peritoneal Dialysis in Western Countries: Struijk, D.G. (Amsterdam)
- Recent Progress in Stem Cell Therapy for Diabetic Nephropathy: Liu, Y.; Tang, S.C.W. (Hong Kong)
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248 Clinical Features and Outcomes of a Racially Diverse Population with Fibrillary Glomerulonephritis
Chronic kidney disease (CKD) is a growing worldwide public health problem resulting from the increasing number of patients with diabetes and hypertension, but also from the aging of the population. As the pathology associated with CKD appears to become more complex with age, it is essential to improve the prognosis of patients suffering from CKD by developing effective measures to prevent and control complications for the elderly.

The publication at hand makes a significant contribution to achieving this goal, with renowned Japanese scientists presenting their recent research results. Papers cover various aspects of CKD and related morbidities, ranging from dialysis- and access-related issues to bone disorders, tissue engineering, or hyperphosphatemia. Due to the wide range of topics presented, this book will be of interest to readers in various clinical and research settings connected with the care for the elderly.

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A compilation of cutting-edge research

Scientific Aspects of Dialysis Therapy
JSĐT/ISBP Anniversary Edition

Editors
Hideki Kawanishi
Yoshiaki Takemoto

This book brings together papers presented both during the 61st Annual Meeting of the Japanese Society for Dialysis Therapy (JSĐT) and the 34th Congress of the International Society of Blood Purification (ISBP), held in Osaka in June and in Hiroshima in September 2016, respectively. They cover a broad spectrum of topics, ranging from hemodialysis, peritoneal dialysis, hemodiafiltration and technical innovations in blood purification to complications of chronic kidney disease and acute kidney injury, including mineral bone disease and anemia.

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Highlight Article Summaries

Targeting Hypoxia-Inducible Factors for the Treatment of Anemia in Chronic Kidney Disease Patients
Locatelli, F. (Lecco); Fishbane, S. (Great Neck, NY); Block, G.A. (Denver, CO); Macdougall, I.C. (London)
Hypoxia-inducible factors (HIF) regulate erythropoiesis at the molecular level. Accordingly, drugs that inhibit the enzyme HIF-prolyl hydroxylase simulate hypoxia in the cell and orchestrate a series of responses that increases red blood cell mass. However, hundreds of other genes are also stimulated and the risk-benefit assessment in patients with chronic kidney disease is the subject of several larger phase III trials. Locatelli and colleagues discuss this class of compounds in their in-depth review in this edition of AJN.

The Association between Biomarker Profiles, Etiology of Chronic Kidney Disease, and Mortality
Langsford, D.; Tang, M.; Cheikh Hassan, H.I. (Vancouver, BC); Djurdjev, O. (Vancouver, BC/Ottawa, ON); Sood, M.M. (Ottawa, ON); Levin, A. (Vancouver, BC/Ottawa, ON)
There is variability in outcomes in patients with different etiologies of chronic kidney disease such as progression to dialysis and mortality. It would be of great clinical utility to have tools that would enable one to objectively identify CKD patients with higher mortality risk so as to guide interventions with the potential of reversibility. In this paper the authors analyze data from a Canadian multicentre cohort study (the Canadian Study of Prediction of Dialysis, Death and Interim Cardiovascular Events over Time) that prospectively collected serial biosamples of blood and urine in patients with advanced CKD. Their analysis provides preliminary evidence that biomarker profiles differ in CKD based on etiology and may represent potential therapeutic targets for future intervention. Subsequent studies could be used to validate these findings in other cohorts. If consistent high risk profiles are confirmed, then studies designed to assess whether directed interventions can reduce the associated biomarkers and ameliorate their related processes, should be conducted.

Clinical Features and Outcomes of a Racially Diverse Population with Fibrillary Glomerulonephritis
Fibrillary glomerulonephritis (FGN) is a relatively rare but morphologically distinctive disorder, only diagnosable by renal biopsy, first described 40 years ago. It has been generally regarded to be a form of “Primary” glomerulonephritis. In a retrospective survey of 42 racially diverse patients seen at the University of North Carolina Kidney Center between 1985–2015, Payan-Schoder and colleagues add important new insights into the clinical features and outcomes of FGN. The findings emphasize that FGN is secondary to underlying auto immune, diseases and infections (mainly hepatitis C virus) and malignancy in many cases (almost 60% in this series). Outcomes are generally poor, but might be improved by greater attention to the underlying diseases associated with FGN.
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A critical look at hot issues in nephrology

Selected contributions
- Foot Process Effacement Is an Early Marker of Nephropathy in Young Classic Fabry Patients without Albuminuria: Tondel, C. (Bergen); Kanai, T. (Tochigi); Larsen, K.K. (Bergen); To, S. (Tokyo); Politei, J.M. (Buenos Aires); Warnock, D.G. (Birmingham, Ala.); Svarstad, E. (Bergen)
- Non-Transgenic Mouse Models of Kidney Disease: Rabe, M.; Schaefer, F. (Heidelberg)
- Improved Survival of Incident Patients with High-Volume Haemodialfiltration: A Propensity-Matched Cohort Study with Inverse Probability of Censoring Weighting: Cauna, B.; Bayh, I.; Marcelli, D. (Bad Homburg); Ponce, P. (Lisbon); Merello, J.I. (Madrid); Gurevich, K. (Saint Petersburg); Ladanyi, E. (Miskolc); Ok, E. (Izmir); Imamovic, G. (Zvornik); Grassmann, A.; Scatizzi, L. (Bad Homburg); Gatti, E. (Bad Homburg/Krems)
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- The Gut as a Source of Inflammation in Chronic Kidney Disease: Lau, W.L.; Kalantar-Zadeh, K.; Vaziri, N.D. (Orange, Calif)
- Complement and Cardiovascular Disease – The Missing Link in Haemodialysis Patients?: Lines, S.W. (Norwich); Richardson, V.R.; Thomas, B.; Dunn, E.J.; Wright, M.J.; Carter, A.M. (Leeds)
- Nephrosclerosis: A Term in Quest of a Disease: Meyrie, A. (Paris)

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Ultrasound imaging techniques are an indispensable complement to physical examination, which is often frustrating, if not useless, for diagnosing kidney problems. The application of ultrasound techniques in clinical routine helps clinicians to rule out, at first glance, some serious pathological conditions and to concentrate on the accurate diagnosis of the patient. Moreover, sonography can extend the spectrum of diagnostic criteria in acute kidney diseases. It makes it possible to determine morphological parameters without potentially toxic contrast media while exploring functional aspects with contrast enhanced or Doppler ultrasound techniques.

This publication meets a growing demand for current information among physicians and nurses in the field. With a focus on the daily practice of diagnosing kidney disease, it is an important resource for both beginner and advanced users of ultrasound imaging techniques.

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- Ultrasound in Acute Kidney Disease: Meola, M.; Naless, F.; Petrucci, I.; Samoni, S.; Ronco, C.
- Clinical Scenarios in Acute Kidney Injury: Hepatorenal Syndrome: Meola, M.; Naless, F.; Petrucci, I.; Samoni, S.; Ronco, C.
- Clinical Scenarios in Acute Kidney Injury: Post-Renal Acute Kidney Injury: Meola, M.; Samoni, S.; Petrucci, I.; Ronco, C.

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- Clinical Scenarios in Chronic Kidney Disease: Vascular Chronic Diseases: Meola, M.; Samoni, S.; Petrucci, I.
- Clinical Scenarios in Chronic Kidney Disease: Parenchymal Chronic Renal Diseases – Part 1: Meola, M.; Samoni, S.; Petrucci, I.
- Clinical Scenarios in Chronic Kidney Disease: Parenchymal Chronic Renal Diseases – Part 2: Meola, M.; Samoni, S.; Petrucci, I.
- Clinical Scenarios in Chronic Kidney Disease: Cystic Renal Diseases: Meola, M.; Samoni, S.; Petrucci, I.
- Clinical Scenarios in Chronic Kidney Disease: Kidneys' Structural Changes in End-Stage Renal Disease: Meola, M.; Samoni, S.; Petrucci, I.

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Selected contributions
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- Myosin Heavy Chain Expression Can Vary over the Length of Jaw and Leg Muscles: Korfage, J.A.M.; Kwee, K.E.; Everts, V.; Langenbach, G.E.J. (Amsterdam)
- Arterial Decellularized Scaffolds Produced Using an Innovatiive Automatic System: Pellegata, A.F. (Milan); Dominioni, T. (Pavia); Ballo, F.; Maestroni, S.; Asnaghi, M.A.; Zerbini, G. (Milan); Zonta, S. (Pavia); Mantero, S. (Milan)
- Cell Surface Glycan Changes in the Spontaneous Epithelial Mesenchymal Transition of Equine Amniotic Multipotent Progenitor Cells: Lange-Consiglio, A. (Lodi); Accogli, G. (Valenzano); Cremonesi, F. (Lodi/Milan); Desantis, S. (Valenzano)