Hyperuricemia and renal damage – mechanisms, prevention and treatment

Uric Acid in Chronic Kidney Disease
Editors
Alejandro Treviño-Becerra
Kunitoshi Iseki

Hyperuricemia is often associated with life-style-related disorders such as diabetes mellitus, hypertension, and dyslipidemia, which, in turn, are major causes of CKD. Improved management of hyperuricemia is thus expected to be beneficial for both the general population and CKD patients. This book presents new information on uric acid in tubular transport, early recognition of renal lesions, genetic predisposition, preeclampsia, metabolic syndrome, diabetes, high blood pressure in the young, and the relationship with vitamin D. Moreover, the relationship between AKI and uric acid, as well as the rejection of renal transplants due to hyperuricemia, are discussed. This publication will be of interest to both general practitioners and researchers working in the field of CKD. It provides new insights into renal damage caused by hyperuricemia and into prevention and treatment possibilities.

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Aims and Scope
Practical information on hemodialysis, hemofiltration, peritoneal dialysis and apheresis is featured in this journal. Recognizing the critical importance of equipment and procedures, particular emphasis has been placed on reports, drawn from a wide range of fields, describing technical advances and improvements in methodology. Papers reflect the search for cost-effective solutions which increase not only patient survival but also patient comfort and disease improvement through prevention or correction of undesirable effects. Advances in vascular access and blood anticoagulation, problems associated with exposure of blood to foreign surfaces and acute-care nephrology, including continuous therapies, also receive attention. Nephrologists, internists, intensivists and hospital staff involved in dialysis, apheresis and immunoadsorption for acute and chronic solid organ failure will find this journal useful and informative. Blood Purification also serves as a platform for multidisciplinary experiences involving nephrologists, cardiologists and critical care physicians in order to expand the level of interaction between different disciplines and specialities.

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ISSN Print Edition: 0253–5068
ISSN Online Edition: 1421–9735

Journal Homepage: www.karger.com/bpu

Bibliographic Indices: This journal is regularly listed in bibliographic services, including Current Contents® and PubMed/MEDLINE.

Publication Data: Blood Purification is published 8 times a year. Volumes 45–46, each with 4 issues, appear in 2018.

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Especially in Italy, but also all over the world, people like to meet over a cappuccino to talk about things like sports or politics before rushing off for work.

I would like to invite you to take a cappuccino with me and engage in a conversation on topical issues in nephrology. As part of the ‘Cappuccino with Claudio Ronco’ series, I will monthly select articles recently published in Blood Purification and complement them with an expert comment in the form of a short video posted on the YouTube channel of the International Renal Research Institute of Vicenza and on Karger.com.

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Current Status and Challenges of Dialysis in Asian Countries
Symposium, Shiga, February 2017
Editors
Hideki Kawanishi
Toru Hyodo

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This award consists of USD 1000.00 to help the first author of the winning paper to attend an international nephrology congress outside of his/her country in 2019. All original research papers accepted in 2018 are eligible. The winner will be selected by the Editorial Board of Kidney Diseases.

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