



Special Issue Reprint

Kidney Inflammation, Injury and Regeneration 2020

Edited By:

Patrick C. Baer

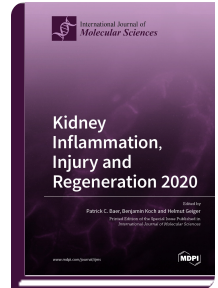
Benjamin Koch

Helmut Geiger

mdpi.com/books/pdfview/book/4614

ISBN 978-3-0365-2370-5 (hardback)

ISBN 978-3-0365-2369-9 (PDF)



Acute kidney injury (AKI) is still associated with high morbidity and mortality incidence rates, and also bears an elevated risk of chronic kidney disease in the sequel. Whereas the kidney has a remarkable capacity for regeneration after injury and may recover completely depending on the type of renal lesions, the options for clinical intervention are restricted to fluid management and extracorporeal kidney support. The development of novel therapies to prevent AKI, to improve renal regeneration capacity after AKI, and to preserve renal function—in both the short- and long-term—is urgently needed. This Special Issue includes papers investigating the pathological mechanisms of renal inflammation and AKI and diagnostics using new biomarkers. Furthermore, experimental in vitro and in vivo studies examining potential new approaches to attenuate kidney dysfunction are included, as well as review articles.



Order Your Print Copy

Print copies (170x244mm, Pbk) can be ordered at:

www.mdpi.com/books/pdfview/book/4614

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.