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Clinical and Molecular Aspects of Current Therapies of the Immune-Mediated Kidney Diseases in Children and Adolescents

Guest Editors:

Prof. Dr. Ryszard Grenda

Department of Nephrology,
Kidney Transplantation &
Hypertension, Children's
Memorial Health Institute, Aleja
Dzieci Polskich 20, 04-730
Warsaw, Poland

Dr. Łukasz Obrycki

Department of Nephrology,
Kidney Transplantation and
Hypertension Childrens` s
Memorial Health Institute, 04-730
Warsaw, Poland

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Message from the Guest Editors

Dear Colleagues,

The wide spectrum of pediatric immune-mediated kidney diseases involves a variety of specific therapies. The classic therapeutic approach is focused on specific targets in the immune system, including cell receptors or intracellular enzymes. Blocking and/or depleting the activities of specific agents is used as an underlying therapeutic mechanism and a final clinical effect—the remission of the immunologic disease and relevant improvement, or at least the stabilization of kidney function to determine the duration and timing of the therapy. Depending on the drug specificity, therapeutic drug monitoring (TDM) or pre-dose evaluation of the target cell number serves as a cornerstone for dose adjustment. Balancing between the efficacy and safety of long-term therapy, selecting less invasive combined drug protocols and developing more precise diagnostic and monitoring tools are ongoing challenges in clinical practice and research in pediatric nephrology.

Prof. Dr. Ryszard Grenda
Dr. Łukasz Obrycki
Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Paul R. Carney

Departments of Child Health and Neurology, University of Missouri, 400 Keene Street, Columbia, MI 65201, USA

Message from the Editor-in-Chief

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Contact Us

Children Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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