

## Special Issue

# Diagnosis and Treatment in Pediatric Inborn Errors of Metabolism: From Bench to Bedside

### Message from the Guest Editors

Inborn Errors of Metabolism (IEMs), a heterogeneous group of over 1400 diseases, are generally rare, but complex and challenging conditions. Pediatric IEMs pose unique difficulties due to their intricate genetic origins and diverse clinical presentations. We invite the colleagues involved in the management of children with IEMs to present their experience regarding newborn screening, clinical insights, diagnostic challenges (including NGS), therapeutic interventions and adherence, the relationship with the gut microbiome, vitamins and minerals status, multidisciplinary strategies and cutting-edge research that advance our understanding of these complex disorders. Besides, we include topics such as psychological problems in children and their families, national health programs for IEMs, telehealth, and the impact of COVID-19 pandemic on these diseases. This special issue aims to catalyze improvements in accurate diagnosis and tailored treatment plans for affected children. This Special Issue welcomes submissions of original research papers, meta-analyses, systematic reviews, and expert opinions.

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### Guest Editors

Dr. Dana-Teodora Anton-Păduraru

Dr. Romana Vulturar

Dr. Adina Chiș

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### Deadline for manuscript submissions

closed (5 March 2025)



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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Paul R. Carney  
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