



# JPR

The  
**Journal of Pediatric Research**

Official Journal of Ege University Children's Hospital

## Editorial

Dear Esteemed Colleagues and Readers of JPR,

We are pleased to share the latest issue of The Journal of Pediatric Research, a rich compilation of ten articles that span a spectrum of pediatric studies. In this edition, we are witnessing a synergy of artificial intelligence, genetic insight, and psychological assessment converge to further our understanding of pediatric health and disease.

Our cover article, “Exploring Predictive Role of Inflammatory Markers in Neuropathic Bladder-Related Kidney Damage with Machine Learning,” heralds a pioneering use of machine learning to identify markers of kidney damage in neuropathic bladder conditions, offering a valuable tool for healthcare professionals operating in resource-constrained environments.

Moving from the digital to the practical, “Effects of a Mobile Application to Improve Oral Hygiene in Children” evaluates the efficacy of a mobile application in instilling better oral hygiene practices, reflecting a trend towards digital health interventions.

Our subsequent study, Why Infants with Some Inherited Metabolic Diseases do not Develop Neonatal Indirect Hyperbilirubinemia?: An Overlooked Detail probes a curiously underexplored area of pediatrics, challenging established understandings and opening the door to further inquisitive research.

The article “Epigenetic Mechanisms of Genes Influencing Immune Response in Patients with Celiac Disease” shines a light on the potential of a non-invasive biomarker in diagnosing Celiac Disease.

Highlighting the vulnerabilities of our youngest patients, “Newborns are Prone to More Hypothermic in the Low Temperature of Operating Rooms” raises a crucial aspect of perioperative care, calling for refined temperature regulation protocols in surgical environments.

Two unique studies, “Evaluation of Premature Ventricular Contractions in Children with Structurally Normal Hearts: A Single-Center Study” and “Evaluation of Heart Rate Variability in Children with Stutter” spotlight relatively uncharted medical issues.

“The Relationship Between Premature Adrenarche and Markers of Inflammation in Complete Blood Count” highlights the intriguing link between premature adrenarche and cardiovascular health.

The study “Comparison of Anxiety of the Children of Healthcare Workers and Non-Healthcare Workers during the COVID-19 Pandemic” highlights the significant impact of the pandemic on the mental health of healthcare workers’ children, underscoring the urgent need for targeted support and interventions to help these children navigate the unique challenges posed by global health crises.

Finally, we close with an essential aspect of pediatric care “The Evaluation of Quality of Life in Children and Adolescents in an Inpatient Oncology Unit: A 6 Months Follow-up Study” delves into a deeply sensitive issue, offering crucial insights into the experiences and evolving needs of young patients during their cancer journey.

We extend our heartfelt gratitude to the authors, reviewers, the editorial team, and especially Galenos Publishing House for their indefatigable efforts. As we look towards the horizon of pediatric research and practice, your commitment and contributions shape the future of child health.

Sincerely,  
Assoc. Prof. Dr. Ali Tekin