



Title: Art and Science of Pediatric Care

Venue: Petre Shotadze Tbilisi Medical Academy
Ketevan Tsamebuli avenue 51/2, 0144 Tbilisi, Georgia

Conference will be performed in a hybrid mode.

Registration and abstract submissions is open and will be available until May 31.
For registration please use the [link](#).

The deadline for abstracts submission for the hybrid international scientific conference, "Art and Science of Pediatric Care", is **May 31, 2024**. The selection of abstracts for participation in the event will be performed by Scientific Committee. By consideration of the mentioned committee decision, the works based on the literature review - essay, aren't considered for the participation in the conference "Art and Science of Pediatric Care"; meta-analysis is an exception. Abstract should be written in English; its recommended length is a maximum of 350 words. The abstract should be structured for the aim to present:

- Title
- Keywords
- Introduction
- Method(s)
- Result(s)
- Conclusion(s).

Please don't hesitate to contact us for additional information and with any question through email - research@tma.edu.ge.

For abstract submission please use the [link](#).

Working language: English

The event aims to delve into the dynamic landscape of pediatric medicine, focusing on both the groundbreaking innovations and research data driving progress in child healthcare and the significant challenges impeding optimal care delivery. With a spotlight on cutting-edge research, clinical practices, and technological advancements, this event will provide a platform for participants to explore solutions for improving child health outcomes and addressing the multifaceted challenges faced in pediatric care.

The proposed topics of the conference are:

Pediatric precision medicine: the application of precision medicine approaches in pediatric healthcare, including genetic testing, pharmacogenomics, and personalized treatment strategies for childhood diseases. Discuss the challenges and opportunities of implementing precision medicine in pediatric populations.

Childhood obesity and metabolic health: the epidemiology of childhood obesity, its long-term health consequences, and current research efforts aimed at prevention and intervention. Discuss innovative approaches to promoting healthy lifestyles and addressing obesity-related health disparities in pediatric populations.

Neurodevelopmental disorders in children: the latest research on neurodevelopmental disorders such as autism spectrum disorder (ASD), attention-deficit/hyperactivity disorder (ADHD), and intellectual disabilities. Explore genetic and environmental factors contributing to these disorders and potential interventions.



Pediatric oncology and hematology: recent advances in the diagnosis and treatment of childhood cancers and hematological disorders. Discuss targeted therapies, immunotherapies, and supportive care strategies for pediatric oncology patients, as well as research into cancer survivorship and long-term outcomes.

Pediatric infectious diseases: emerging infectious diseases affecting pediatric populations, including respiratory viruses, vaccine-preventable diseases, and antimicrobial resistance. Discuss research on epidemiology, transmission dynamics, and interventions to control infectious disease outbreaks in children.

Rare diseases in pediatrics: Discuss rare genetic and metabolic disorders affecting pediatric patients, including diagnosis challenges, disease management, and therapeutic developments. Explore collaborative research efforts to advance understanding and treatment options for rare pediatric conditions.

The conference will feature presentations, and panel discussions, offering participants a comprehensive overview of the latest advancements and pressing challenges in pediatric medicine.