Preface

The 2021 content for the first issue is clearly connected to the current pandemic. Humanity is facing a complex experience: the fifth pandemic documented since the 1918 flu pandemic.

The new pandemic is due to a new beta-coronavirus, called severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which causes severe illness, comorbidities and deaths similar to a world war.

SARS-CoV-2 originated from zoonotic coronaviruses that crossed the species barrier from the natural host, e.g., bats, pangolins, rodents to humans. SARS-CoV-2 causes coronavirus disease 2019 (COVID-19) characterized by severe respiratory diseases (pneumonia and pulmonary insufficiency), hematological autoimmune diseases and several comorbidities.

This issue hosts 2 reviews on some COVID-19 features.

G.P. Rodovanski and coll. critically review respiratory therapeutic strategies in children and adolescents suffering from COVID-19, paving the way for proper disease management.

G. Pinna and Coll examine COVID-19 comorbidities trying to answer the question: Is inflammation the underlying condition in children?

Both of these reviews can help the reader gain a deeper understanding of the multifaceted aspects of the COVID-19 pandemic.

Four reviews update the reader on some challenging pediatric topics.

I.B.S. Machado and Coll. report factors associated with primary hypertension in pediatric patients.

R. Afford and Coll clarify pediatric alopecia areata

A.K.C. Leung and Coll. report an updated review on infantile hemangioma

M.I. Ahmed and Coll clearly present invasive group A strep infections in children

All of these readings can help the pediatrician in the better clinical management of the disease.


Giuseppe Buonocore
(Editor-in-Chief)
Department of Molecular and Developmental Medicine
University of Siena
Siena
Italy
E-mail: giuseppe.buonocore@unisi.it