Special Issue

Advances in Cystic Fibrosis Newborn Screening: From Laboratory Testing to Diagnosis

Message from the Guest Editors

This Special Issue will spotlight cystic fibrosis (CF) newborn screening, highlighting current advancements and ongoing challenges. We aim to publish comprehensive insights on various aspects of CF newborn screening, including IRT analysis, CFTR testing, sweat testing, diagnosis, and the critical roles of communication, education, and genetic counseling. Additionally, we will explore quality improvement, quality assurance, and system development throughout the screening and diagnostic pathways. This Issue will serve as a valuable resource for enhancing practices in CF newborn screening.

Guest Editors

Prof. Dr. Susanna A. McColley

 Ann & Robert H. Lurie Children's Hospital, Chicago, IL 60611, USA
Division of Pulmonary and Sleep Medicine, Department of Pediatrics, Northwestern University Feinberg School of Medicine, Chicago, IL 60611, USA

Dr. Marci K. Sontag

Center for Public Health Innovation, Evergreen, CO 80439, USA

Deadline for manuscript submissions

closed (30 June 2025)



an Open Access Journal Published by MDPI

Impact Factor 4.0 CiteScore 6.0 Indexed in PubMed



mdpi.com/si/222538

International Journal of Neonatal Screening Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijns@mdpi.com

mdpi.com/journal/





International Journal of Neonatal Screening

an Open Access Journal Published by MDPI

Impact Factor 4.0 CiteScore 6.0 Indexed in PubMed



About the Journal

Message from the Editorial Board

Editors-in-Chief

Dr. Peter C. J. I. Schielen

Office of the International Society for Neonatal Screening, Reigerskamp 273, 3607 HP Maarssen, The Netherlands

Dr. Ralph Fingerhut

Newborn Screening and Metabolic Laboratory, Synlab MVZ Weiden, D-92637 Weiden, Germany

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, Embase, and other databases.

Journal Rank:

JCR - Q1 (Pediatrics) / CiteScore - Q1 (Pediatrics, Perinatology and Child Health)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.1 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).

