

Special Issue

Diagnosis and Management of Pediatric Brain Tumors

Message from the Guest Editor

Brain and other central nervous system (CNS) tumors are the leading cause of cancer-related death in children, and frequently result in substantial long-term morbidity as well as disability. Recent years have seen remarkable progress in brain cancer biology across a large number of tumor types and histologies; however, improvements in long-term survival and quality of life for CNS tumors have remained elusive compared to other childhood cancers. Although the classification of CNS tumors was historically based on histologic features only, advances in our understanding of the molecular features of CNS tumors have led to the incorporation of molecular alterations into the diagnostic criteria. Optimizing the treatment of childhood CNS tumors remains a tremendously challenging task, requiring a multidisciplinary approach involving many pediatric specialists as well as the support of molecular biologists and pharmacologists.

Guest Editor

Dr. Lucia De Martino

Neurooncology Unit, Department of Pediatric Oncology, Santobono-Pausilipon Children's Hospital, Via M. Fiore n° 6, 80129 Naples, Italy

Deadline for manuscript submissions

closed (10 September 2023)



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/162142

Diagnostics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diagnostics@mdpi.com

[mdpi.com/journal/
diagnostics](https://mdpi.com/journal/diagnostics)





Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



[mdpi.com/journal/
diagnostics](https://mdpi.com/journal/diagnostics)



About the Journal

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National
University Hospital, Rigshospitalet, University of Copenhagen,
Blegdamsvej 9, DK-2100 Copenhagen, Denmark

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).