

Special Issue

Clinical Advances and Perspectives in Neuro-Oncology

Message from the Guest Editors

We invite manuscripts exploring recent advances in neuro-oncology for pediatric and adult populations, emphasizing precision medicine and evolving treatment paradigms.

Targeted Therapy Highlights:

BRAF-targeted therapy has transformed pediatric low-grade glioma management. Dabrafenib plus trametinib demonstrates superior efficacy versus standard chemotherapy in BRAF V600E-mutated tumors and is FDA-approved for pediatric patients ≥ 1 year. The National Comprehensive Cancer Network recommends BRAF/MEK inhibition as preferred targeted therapy for recurrent disease.

TRK inhibitors (larotrectinib, entrectinib, repotrectinib) show remarkable activity in NTRK fusion-positive tumors, with objective response rates of 93% and 58%, respectively.

Immunotherapy with nivolumab or pembrolizumab is recommended for hypermutant tumors or mismatch repair deficiency.

We would like to invite radiation oncologist in regards to the benefit of pediatric proton therapy.

Guest Editors

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About the Journal

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).