

## Special Issue

# Pediatric Liver Tumors: Molecular Mechanisms and Therapeutic Strategies

### Message from the Guest Editor

Hepatoblastoma (HB) is a rare yet highly aggressive primary liver malignancy that predominantly affects children under four years of age. Despite significant improvements in survival rates for low-risk patients through modern multidisciplinary treatments, the prognosis for recurrent, high-risk, or metastatic HB remains poor. Moreover, traditional chemotherapy continues to face challenges related to toxicity and drug resistance. In recent years, advancements in high-throughput sequencing and molecular pathology have shed light on the molecular characteristics of HB. The aberrant activation of key pathways such as Wnt/ $\beta$ -catenin and Hippo/YAP has been identified as a core mechanism driving HB development. These insights offer promising new avenues for the development of targeted therapies and personalized treatment strategies.

We invite contributions that address, but are not limited to, the following topics:

- Molecular pathogenesis;
- Molecular differences between HB and hepatocellular carcinoma (HCC);
- Molecular classification and prognostic biomarkers of HB;
- Novel targeted and immunotherapy strategies.

Both original research articles and high-quality reviews are welcome.

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### Guest Editor

Prof. Dr. Edward V. Prochownik

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### Deadline for manuscript submissions

30 September 2026



## Cells

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## About the Journal

### Message from the Editorial Board

*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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### Editors-in-Chief

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