



Precision Medicine in Hepatobiliary Cancer: Preclinical and Clinical Evidence

Guest Editor:

Prof. Dr. Diego F. Calvisi

Institute of Pathology, University
of Regensburg, 93053
Regensburg, Germany

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Message from the Guest Editor

Primary liver cancer (PLC) is a frequent and deadly tumor worldwide. PLC consists mainly of hepatocellular carcinoma (HCC) and cholangiocarcinoma (CCA) in the adult, whereas hepatoblastoma (HB) is the prevalent hepatic malignancy in childhood.

In the last decade, as in many other tumor types, whole-genome sequencing studies together with a plethora of transcriptomic, proteomic, and metabolomic approaches have unraveled the molecular landscape of PLC. In addition, several in vitro and in vivo models have been generated to evaluate the possible vulnerability of tumors to innovative therapies. As a result, specific genetic and epigenetic events and peculiar metabolic features of the tumors have been identified. Effective and highly specific therapeutic approaches have been developed for some of them, and the concept of “precision medicine” (one patient = one treatment) has been established.





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Editor-in-Chief

Prof. Dr. David Alan Rizzieri

1. Novant Health Cancer
Institute, Winston-Salem, NC
27103, USA

2. Division of Hematologic
Malignancies and Cellular
Therapy, Duke University,
Durham, NC 27710, USA

Message from the Editor-in-Chief

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Journal of Personalized Medicine
Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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