



Predictive Biomarkers for Treatment Response for Head and Neck Cancers

Guest Editor:

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Message from the Guest Editor

HNSCC is a heterogeneous disease originating from the epithelial cell layer of the upper aerodigestive tract. These epithelial tumors are caused by multiple genetic alterations and are the 7th most common type of cancer worldwide. Head and neck cancer treatments require different combinations of chemotherapy (including cisplatin), surgery, and radiotherapy, but treatment resistance and local recurrence are still significant problems. In recent years, inhibition of EGFR signaling with the monoclonal EGFR antibody cetuximab and checkpoint inhibitors has emerged as a new treatment strategy, but less than 1/3 of unselected patients respond to new combination therapies. Therefore, to increase overall survival in HNSCC patients, personalized targeted therapy is required, which depends on the establishment of novel biomarkers that can predict treatment response.

This Special Issue aims to consolidate the bench-to-bedside journey for developing new predictive biomarkers for treatment response in HNSCC and their significance for clinical decision. We welcome submissions that will contribute with biomarkers/a panel of biomarkers used in the clinic for a more personalized treatment.





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Message from the Editor-in-Chief

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