

## Peer Review File

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### Review Comments

The authors provide an exhaustive commentary on the article published by Hummelink et al. Clin Cancer Res. 2024.

They provide an updated view on the theoretical framework of the development of ICIs in the field of NSCLC, reviewing the use of ICIs in the clinical setting. The information provided is very current and supported by clinical trial results, and very recent and quality literature.

The advantages, disadvantages and therapeutic efficacy of the use of ICI are analyzed, providing very interesting data from a neutral point of view.

This article highlights the importance of the findings published by Hummelink et al., and at the same time describes the weaknesses of this work.

It is noteworthy that the authors conclude by highlighting the importance of combining different biomarkers predictive of response to ICIs and the need for future research in this area.

Reply: We appreciate the reviewer's positive feedback regarding the commentary on the article published by Hummelink et al. Clin Cancer Res 2024. We wish that our commentary would highlight the importance of the article by Hummelink et al.