



Immunotherapies for Acute Myeloid Leukemia

Guest Editor:

Prof. Dr. Jochen Greiner

1. Department of Internal
Medicine, Diakonie Hospital
Stuttgart, 70176 Stuttgart,
Germany

2. Department of Internal
Medicine III, University of Ulm,
89081 Ulm, Germany

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Message from the Guest Editor

The immunotherapies in cancer treatment have experienced a significant breakthrough in the last few years. T cell activating immunotherapeutic approaches like immune checkpoint inhibition, chimeric antigen receptor T cells (CARs) or bi-specific T cell activating antibodies are becoming increasingly important treatment strategies in different cancer types. In acute myeloid leukemia (AML) after intensive chemotherapy most patients achieve a complete remission, however the overall survival for all AML patients is still relatively low. Immunotherapeutic approaches for AML patients might be options to reduce the relapse rate and therefore improve overall survival. This special issue will focus on immunotherapeutic approaches in AML to begin with on established therapies like the allogeneic stem cell transplantation including new concepts improving the graft versus leukemia effect, but also on new efforts to improve immune responses like adoptive T cell transfer, immune checkpoint inhibition and bi-specific antibodies and CAR-T-cell approaches.





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