



Tumor-associated macrophages in solid tumor: friend or foe

I am delighted to be the editor for a focused series “Tumor Associated Macrophages in Solid Tumor: Friend or Foe”. Tumor-associated macrophages (TAMs) are the heterogeneous and plastic, innate immune cells population of the tumor microenvironment (TME) and their functions are mostly depending upon local microenvironment. In various solid tumors, they are the major constituent of the TME and associated with tumor initiation, progression, angiogenesis, metastasis, and resistance to therapy. Besides, several studies have also been highlighted that TAMs can also have an anti-tumor effect if properly activated. Although it is necessary to understand the nature of TAMs for the effective therapeutic approach in solid tumors.

The focused series aims to highlight the current status of TAMs research in context to solid tumors in a preclinical and clinical setting. We have invited distinguished scientists from the different onco-immunology field for this focused series. I hope, the reviews will help the reader to understand in detail macrophages topographical and temporal heterogeneity and functional diversity in different tumor types.

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