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Title: [Imaging a World Beyond Checkpoints: Classes of Immune Responses in vivo](#)

Abstract: The immune response to tumors is malleable as we've learned from the various success of immunotherapies, across a diversity of tumor types. What are the foundations for a solid immune response, particularly one executed by T cells? Imaging and single-cell approaches provide key insights into immune cell types that can be unleashed on tumors, identifying both their identity and the immune-interactions that are to be fostered. In considering this, we consider the concepts of seeking 'allies' for tumor therapies as well as for understanding the balance of push/pull signals that likely contribute to determine the consensus immune response. We discuss a few of these with particular emphasis on the diversity of the myeloid immune system and how its component parts can contribute toward anti-tumor immunity.

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