

Special Issue

The Role of the Microenvironment in Multiple Myeloma: From Biology to Clinical Practice

Message from the Guest Editor

Multiple myeloma (MM) is an incurable hematological malignancy characterized by bone marrow (BM) infiltration by clonal plasma cells. Myeloma pathophysiology depends on several oncogenic events occurring in MM cells, and on extracellular factors, such as dynamic interactions between MM cells and the BM microenvironment, which are attributed to the clinical presentation of MM as well as to the progression of the precursor state of monoclonal gammopathy of undetermined significance (MGUS) to overt MM. Bone marrow microenvironment can be functionally divided into a cellular and non-cellular compartment, each of which have components playing distinct but interacting roles in the progression of MM. In this Special Issue, we will discuss the role of the BM microenvironment in MM cell growth and disease progression, as well as how this knowledge could be incorporated into the therapeutic design, to prevent MM progression, improve survival, and offer to our patients in the clinical setting a probability of cure.

Guest Editor

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