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Sommario/riassunto	In the last twenty years, different discoveries have emphasized the cross-talk between bone and immune cells as well as their common regulatory pathways. Indeed, soluble molecules produced by immune cells modulate the behavior of osteoblasts and osteoclasts. Moreover, osteoclasts, the bone-resorbing cells, originate from the same myeloid precursor cells that differentiated into macrophages and myeloid dendritic cells. Whereas, the bone-forming osteoblastic cells control hematopoietic stem cell niches and thus immune cell ontology. The amplified recognition of the complex relationship between the immune system and bone led to the designation of osteoimmunology field. This Research Topic collects articles that highlight the cross-talk between bone and immune cells,