



## Osteoblasts and Osteocytes

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Deadline for manuscript  
submissions:

**closed (27 September 2019)**

### Message from the Guest Editor

This Special Issue on “Osteoblasts and Osteocytes” will cover recent advances in the growing field of skeletal biology that seek to understand the roles of these bone cells in regulating skeletal remodeling. We seek contributions aimed at understanding how bone cells translate a mechanical signal detected at the cell surface into an appropriate sequence of biochemical changes inside the cell that results in a coordinated anabolic or catabolic response. Authors working directly or indirectly on questions related to understanding the cells and molecules and signaling pathways that may contribute to skeletal “mechanosensation” are welcome. Intuitive considerations and abundant experimental evidence support the idea that osteocytes, as the most abundant bone cells, and given their location throughout bone, are the cells most directly responsible for detecting mechanical signals. How these osteocytes work in coordination with bone-resorbing osteoclasts and bone-forming osteoblasts to maintain a healthy skeleton are of great interest to the growing field of skeletal mechanobiology.





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