



Molecular Mechanisms of Cartilage Biology and Applications in Regenerative Medicine

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Message from the Guest Editor

This Special Issue will consider articles that discuss all molecular aspects of cartilage biology, from development, differentiation, aging, injury, inflammatory diseases, natural regeneration, and the stimulation of regeneration with the help of surgical and drug therapy to nutritional supplementation. All aspects affecting cartilage metabolism, cell differentiation, and mechanical strength, reflected in the molecular, cellular, and histological structure and biochemical processes, will also be accepted.

Cartilage biology is a very broad term as with connective tissue in general. The more we know, the more detailed questions arise about many aspects of the various molecular processes taking place in cartilage. The development and mechanical endurance of arthritis-related malignancies, genetic disorders, and treatments for cartilage repairment as the holy grail of regenerative medicine, including medicines and dietary supplements. These are only examples of aspects where molecular mechanisms of cartilage biology are currently studied.





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Message from the Editor-in-Chief

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