

Special Issue

Osteoarthritis: How to Manage Joint Degeneration

Message from the Guest Editors

Osteoarthritis is the most common degenerative disorder of the joints. Despite the fact that this debilitating disease is currently well managed by modern surgical approaches, the ultimate aim is to delay joint degeneration and prolong the time needed for the joint replacement surgery. Much of the research interest in the past few decades has been focused on studying the mechanism of joint degeneration such as cartilage breakdown, remodeling of the underlying bone, synovial inflammation, and others. Osteoarthritis is a complex disorder of the whole joint (cartilage, underlying subchondral bone, synovium etc.) to which various mechanical, biochemical, and genetic factors contribute.

The present Special Issue will cover all aspects of studying joint degeneration, from basic to clinical research studies and reviews. In particular, we will focus on our current understanding on the mechanisms of joint degeneration and management using surgical intervention. We will also discuss other treatment options, such as cellular therapies, and evaluate their potential role in managing joint degeneration. and

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