Special Issue

Management of Osteoarthritis Pain

Message from the Guest Editor

Osteoarthritis (OA) is the most common joint disorder with more than 500 million people (7% of the global population) being affected by the disease worldwide. Pain is the predominant symptom of OA and is what usually leads those with OA to seek medical care. Recent OA research has improved our understanding of the pathophysiology of the disease. Specifically, the identification of the TGF-□ and Wnt/□-catenin signaling pathways has provided hope for the discovery of a disease-modifying osteoarthritis drug. In recent years, several novel agents have emerged as potential treatment alternatives to improve pain, stiffness, and function with the possibility of altering the disease progression.

This Special Issue will focus on the current and future management of OA pain. The factors dictating the onset and progression of the disease will be reviewed, as will the current clinically approved methods for its treatment and diagnosis. We will also present research that elaborates on the current challenges and opportunities for the development and application of novel potentially disease-modifying medicines for the treatment of OA pain.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on "omics"-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical
subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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