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DESCRIPTION

The Journal of Orthopaedic Translation (JOT) is the official peer-reviewed, open access journal of the Chinese Speaking Orthopaedic Society (CSOS) and the International Chinese Musculoskeletal Research Society (ICMRS). It is published quarterly, in January, April, July and October, by Elsevier.

The Journal focuses on the rapidly growing field of orthopaedic translational research. While there are a number of high quality orthopaedic journals, none are solely dedicated to the field of orthopaedic translational research. The importance of translational research is quickly being recognized by all spectrums of the scientific community, from clinicians to basic science researchers. To truly improve the health of people, scientific research on the cellular and molecular level must be utilized and applied appropriately in the clinical setting. A journal that is purely dedicated to the art of translational research is a monumental step in the advancement of musculoskeletal care by bringing cutting edge knowledge to the forefront and allowing pioneers of orthopaedic translation to exchange and mutually enhance expertise. JOT aims to be that linking factor and welcomes high quality manuscripts that will advance the field of orthopaedic translation.

JOT is devoted to research and issues of strong interest in translational medicine on musculoskeletal and related themes. Material that are considered include any original research findings, discussions or analyses that will move the field closer to the goal of improving musculoskeletal health, diagnosis, prevention, and treatment of musculoskeletal disorders or injuries. Multidisciplinary approaches are particularly encouraged. We accept original research papers, review articles, editorials, perspectives, case reports and letters to the Editor.

The main goal of JOT is to publish papers that identify and fill scientific knowledge gaps at the junction of basic research and clinical application (from bench to bedside) or community application (from bench to community). In this vein, original research should report significant progress toward the prevention, diagnosis, and treatment of musculoskeletal disorders and serve as templates for future exploration and investments in translational orthopaedics.

Original papers are categorized into the following topics: Animal models Biomaterials Biophysical stimulation Clinical trials Diagnostics Health promotion Industries and markets Medical devices and implants Nutrition and drugs Regenerative medicine Regulations and policies Rehabilitation

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INTRODUCTION

The Journal of Orthopaedic Translation (JOT) is the official peer-reviewed, open access, publication of the Chinese Speaking Orthopaedic Society (CSOS) and the International Chinese Musculoskeletal Research Society (ICMRS). It is published quarterly by Elsevier in January, April, July and October, and is indexed in Embase, ScienceDirect and Scopus.

The journal accepts articles on translation medicine in musculoskeletal and related themes that will identify and fill scientific knowledge gaps at the junction of basic research and clinical application. Authors are welcome to submit original articles, review articles, editorials, perspectives and letters to the editor for consideration.

The Editorial Board requires authors to be in compliance with the Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals, which are compiled by the International Committee of Medical Journal Editors (ICMJE), and which are available at http://www.icmje.org.

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These articles typically include randomized trials, intervention studies, studies of screening and diagnostic tests, laboratory and animal studies, cohort studies, cost-effectiveness analyses, case-control studies, and surveys with high response rates, which represent new and significant contributions to translational research in the field of orthopaedics. They should include an abstract and be structured as follows: Abstract, Introduction, Materials and Methods, Results, Discussion, Conflicts of Interest Statement, Funding/Support Statement, Acknowledgements (if any), References, Figures and Tables (if any), and Supplementary Material (if any).

The Introduction should provide a brief background to the subject of the paper, explain the importance of the study, and state a precise study question or purpose.

The Materials and Methods section should describe the study design and methods (including the study setting and dates, patients/participants with inclusion and exclusion criteria, patient samples or animal specimens used, the essential features of any interventions, the main outcome measures, the laboratory methods followed, or data sources and how these were selected for the study), and state the statistical procedures employed in the research.

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These should provide a balanced synthesis of current knowledge on translational research in musculoskeletal and related themes. These articles have the specific goal of identifying challenges and bottlenecks that are preventing translation of biomedical research advances for a particular disease or clinical disorder into new treatments for patients, with constructive suggestions for ways to overcome these challenges.

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Editorials are short and invited opinion(s) that discuss an issue of immediate importance to the translational orthopaedic community. These are usually written by invited authors or editorial board members and are comments on recent news or articles published in the journal. Editorials should be no longer than 1000 words with no more than 5 references. A photograph of the author(s) is required for illustration.

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Perspectives discuss one or several papers recently published in the JOT or other journals that present key findings in translational research relevant to musculoskeletal health and disorders. Perspectives should discuss the research from both a basic and clinical viewpoint and should describe the implications of the research for patient care.

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These are short discussions of a case or case series with unique features not previously described that make an important teaching point or scientific observation and highlight the significance of the findings, i.e. how the finding could be adopted into current clinical practice. The discussion should also mention if future controlled studies could be done. Section headings should be: Abstract, Introduction, Case Report, Discussion, Conflicts of Interest, Funding/Support Statement, Acknowledgements (if any), References.

The Introduction should describe the purpose of the report, the significance of the disease and its specificity, and briefly review the relevant literature.

The Case Report should include the general data of the case, medical history, family history, chief complaint, present illness, clinical manifestation, methods of diagnosis and treatment, and outcome.

The Discussion should compare, analyze and discuss the similarities and differences between the reported case and similar previously reported cases. The importance or specificity of the case should be restated when discussing the differential diagnoses. Suggest the prognosis of the disease and possibility of prevention.

Typical length: 800–1200 words, 15–30 references.

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