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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.

This Guide for Authors is revised periodically by the Editors as needed. Authors should visit the journal’s homepage for the latest version of this guide. Authors are requested to ensure that submissions adhere exactly to the stated instructions and format. Any manuscript not prepared according to the instructions in this guide will be returned immediately to the author(s) without review.

Types of article

The categories of articles that are published in this journal are listed and described below. Please select the category that best describes your paper. If your paper does not fall into any of these categories, please contact the Editorial Office.

Original articles

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.

The Results section should comprise the study results presented in a logical sequence, supplemented by tables and/or figures. Take care that the text does not repeat data that are presented in tables and/or figures. Only emphasize and summarize the essential features of the main results.

The Discussion section should be used to emphasize the new and important aspects of the study, placing the results in context with published literature, the implications of the findings, and the conclusions that follow from the study results.

The text should be limited to 6000 words in length with not more than 8 figures/tables and 40 references. The journal does not accept original articles of case reports and case series.

Review articles
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.

Reviews can be up to 6000 words in length. They should have a short pithy title, an abstract of not more than 100 words, not more than 80 references and up to 4 figures/tables.

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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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Letters provide readers with an opportunity to raise issues of interest to the translational medicine community or to respond to an article previously published in the JOT. Letters should provide new information or a fresh perspective on the previously published article.

Letters should be less than 1000 words, with not more than 10 references and 2 figures/tables. Letters are sent to the author(s) of the previously published article under discussion for their response.

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Manuscripts submitted from 1 July 2018 will be subject to an Article Publication Charge (APC) if accepted for publication in JOT (this will not affect articles submitted before 1 July 2018). Open Access APCs are set at a standard of US$2000 per article; however, JOT is offering a discounted APC of US $1250 per article. Please note that there is no limit on the number of pages, figures, or colour figures.

Authors will be required to submit a completed Journal of Orthopaedic Translation Authorship and Conflict of Interest Form (see Form section at the bottom of this page) agreeing to pay the JOT APC if their manuscript is accepted for publication.

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If the work involves the use of human subjects, the author should ensure that the work described has been carried out in accordance with The Code of Ethics of the World Medical Association (Declaration of Helsinki) for experiments involving humans. The manuscript should be in line with the Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals and aim for the inclusion of representative human populations (sex, age and ethnicity) as per those recommendations. The terms sex and gender should be used correctly.

Authors should include a statement in the manuscript that informed consent was obtained for experimentation with human subjects. The privacy rights of human subjects must always be observed.

All animal experiments should comply with the ARRIVE guidelines and should be carried out in accordance with the U.K. Animals (Scientific Procedures) Act, 1986 and associated guidelines, EU Directive 2010/63/EU for animal experiments, or the National Institutes of Health guide for the care and use of Laboratory animals (NIH Publications No. 8023, revised 1978) and the authors should clearly indicate in the manuscript that such guidelines have been followed. The sex of animals must be indicated, and where appropriate, the influence (or association) of sex on the results of the study.

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Submission of an article implies that the work described has not been published previously (except in the form of an abstract, a published lecture or academic thesis, see 'Multiple, redundant or concurrent publication' for more information), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, including electronically without the written consent of the copyright-holder. To verify originality, your article may be checked by the originality detection service Crossref Similarity Check.

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Inclusive language acknowledges diversity, conveys respect to all people, is sensitive to differences, and promotes equal opportunities. Articles should make no assumptions about the beliefs or commitments of any reader, should contain nothing which might imply that one individual is superior to another on the grounds of race, sex, culture or any other characteristic, and should use inclusive language throughout. Authors should ensure that writing is free from bias, for instance by using 'he or she', 'his/her' instead of 'he' or 'his', and by making use of job titles that are free of stereotyping (e.g. 'chairperson' instead of 'chairman' and 'flight attendant' instead of 'stewardess').

**Authorship**
All authors should have made substantial contributions to all of the following: (1) the conception and design of the study, or acquisition of data, or analysis and interpretation of data, (2) drafting the article or revising it critically for important intellectual content, (3) final approval of the version to be submitted.

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Authors are expected to consider carefully the list and order of authors before submitting their manuscript and provide the definitive list of authors at the time of the original submission. Any addition, deletion or rearrangement of author names in the authorship list should be made only before the manuscript has been accepted and only if approved by the journal Editor. To request such a change, the Editor must receive the following from the corresponding author: (a) the reason for the change in author list and (b) written confirmation (e-mail, letter) from all authors that they agree with the addition, removal or rearrangement. In the case of addition or removal of authors, this includes confirmation from the author being added or removed.
Only in exceptional circumstances will the Editor consider the addition, deletion or rearrangement of authors after the manuscript has been accepted. While the Editor considers the request, publication of the manuscript will be suspended. If the manuscript has already been published in an online issue, any requests approved by the Editor will result in a corrigendum.

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