

## **CERTIFICATE OF PROFESSIONAL ENGLISH EDITING**

**Date: November 27<sup>th</sup>, 2016**

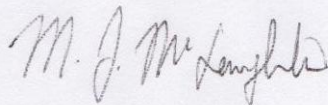
To whom it may concern,

This document is to certify that the paper under the provisional title of **"Relationship between biological factors & catastrophizing and clinical outcomes for female patients with knee osteoarthritis"**, to be submitted by **Tatsunori Ikemoto et al.** of the **Institute of Physical Fitness, Sports Medicine and Rehabilitation, Aichi Medical University** to the journal **World Journal of Orthopedics** for publication, has been professionally edited and proofread by Matthew James McLaughlin, a medical proofreader and editor.

Neither the research content nor the author's intentions were altered in any way during the editing process.

Matthew James McLaughlin guarantees the quality of English language in this paper, provided the editor's changes are accepted and further changes made to the paper are checked by the editor before publication.

Matthew James McLaughlin

A handwritten signature in cursive script, appearing to read 'M. J. McLaughlin'.

Professional medical editor & proofreader