

Format for ANSWERING REVIEWERS

April 10, 2017



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 32725-edited.doc).

Name of journal: World Journal of Orthopedics

Manuscript NO.: 32725

Column: Minireviews

Title: The role of fetuin-A in the diagnosis and treatment of joint arthritis.

Authors: Eleni Pappa, Despina Perrea, Spyros Pneumatics and Vasileios Nikolaou

Correspondence to: Vasileios S Nikolaou, MD, PhD, MSc, Orthopaedic Surgeon, Assistant Professor of Orthopaedics, 2nd Orthopaedic Department, School of Medicine, National and Kapodistrian University of Athens, 21 Dimitriou Ralli Str, Maroussi, 15124 Athens, Greece. vassilios.nikolaou@gmail.com

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

Editorial Comments:

- Please provide the postcode. Thank you.

Answer: Postal code is now provided.

- In order to attract readers to read your full-text article, we request that the first author make an audio file describing your final core tip

Answer: An audio file is now included in the manuscript.

Reviewers' comments

Reviewer # 00505881

Fetuin-A are blood proteins that are made in the liver and secreted into the bloodstream. Previous studies have identified that fetuin-A is a potent inhibitor of systemic calcification. In this manuscript, the authors reviewed the anti-inflammatory and therapeutic role of fetuin-A in degenerative joint disease. Overall the manuscript was written in a clear and concise manner. Main concerns: 1. A diagram or structure of fetuin-A is needed for the discussion. 2. There are a number of grammar and typo mistakes, which should be corrected.

Authors' reply:

A diagram of the structure of fetuin-A is added in the discussion section of the article. Also, we have corrected grammar and typing mistakes throughout the manuscript.

Reviewer # 02488630

Dear Author, This is a good review about the role of fetuin-A in the diagnosis and treatment of joint arthritis; however it should have some adjustments. Specific comments are below. Minor comments: 1. There are many typing errors in this paper. Spelling and writing must be checked. 2. The references are old; the newest literature should be added to the manuscript. King regards

Authors' reply:

Spelling and typing errors have been corrected. New references from the current literature have also been added in the manuscript.

Reviewer # 02446751

First of all I must observe that the references you cited (and consequently the reported opinions) are old. For instance, please have a look on last papers published by Funk Brentano about the pathogenesis of osteoarthritis. Moreover it is not clear what you mean with the terms "arthritis", "osteoarthritis" "DJD". Osteoarthritis is a very well definite disease which was considered for years as a degenerative disease. Nowadays the main opinion is that osteoarthritis includes inflammation (synovitis) too. Contrary "arthritis" is a generic term. Did you mean Rheumatoid Arthritis? Or what?. I think that the article should be revised by a rheumatologist. Finally the role of biomarkers in osteoarthritis is still under discussion. Fetuin-A is one of the possibility. And it is interesting to develop this field, if possible, comparing it with other biomarkers (COMP?)

Authors' reply:

We have made a significant effort in adding references from the current literature. We have also included references from Mr Brentano about the pathogenesis of osteoarthritis. We have corrected the meaning of the abbreviations above as well as the usage of the terms of osteoarthritis. Last but not least, we have added information about additional biomarkers which are under investigation in this field such as COMP.

Reviewer # **02446717**

This review by Dr.Vasileios Nikolaou focuses on the role of fetuin-A in the diagnosis and treatment of joint arthritis. To find arthritis activity markers is an important topic in rheumatology research. This review is novel and interesting. It gives readers new insights into the field. However, I have a few concerns. 1. Compared with the introduction section, the section of FETUIN-A is too short. Please stated in detail. 2. The literatures are too few. Please add some references. 3. Please add the 2 references: Clin Rheumatol. 2007,26(5): 768-771. ;Clin Rheumatol. 2008, 27(6):767-769.

Authors' reply:

We have successfully prolonged the section regarding Fetuin- A. We have also added more references from the current literature about the topic. We believe that the two references that the reviewer suggests, are not relevant with the topic.

Thank you again for publishing our manuscript in the World Journal of Orthopaedics

Sincerely yours,



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