



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Translational Medicine

ESPS manuscript NO: 20192

Title: Contributions of neutrophils to the adaptive immune response in autoimmune disease

Reviewer's code: 02514886

Reviewer's country: Japan

Science editor: Fang-Fang Ji

Date sent for review: 2015-06-02 13:37

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Table with 4 columns: CLASSIFICATION, LANGUAGE EVALUATION, SCIENTIFIC MISCONDUCT, CONCLUSION. It contains checkboxes for various review criteria like 'Grade A: Excellent', 'Priority publishing', 'Google Search', 'Accept', etc.

COMMENTS TO AUTHORS

Manuscript ID/number: 20192, World Journal of Translational Medicine. Title: New Contributions of Neutrophils to the Adaptive Immune Response in Autoimmune Disease Authors: Kathryn M. Pietrosimone and Peng Liu In this article, Drs. Pietrosimone and Liu have reviewed the association of neutrophil functions with chronic inflammatory or autoimmune disease like rheumatoid arthritis (RA). The paper has relevant information on the interplay between neutrophils and lymphocyte subtypes like B and T cells. It should generate above average interest among the global readership. In your text, you correctly do mention that in patients experiencing an inflammatory disorder, neutrophil survival time is dramatically increased, but you do not refer to the cause. However, it is known that certain medications (corticosteroids) taken by patients with chronic inflammation, promote neutrophil survival. Likewise, pro-inflammatory cytokines are reported to promote neutrophil survival. Obviously, inflammatory cytokine profile is high in RA patients. As a reference, you may care to cite this review paper. Saniabadi AR, Hanai H, Fukunaga K, Sawada K, Shima C, Bjarnason I, Lofberg R. Therapeutic leukocytapheresis for inflammatory bowel disease. Transfus



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Apher Sci 2007;37:191-200. [PMID:17974479. doi.org/10.1016/j.transci.2007.08.003]. Further, I believe that the impact of your article will benefit from a thorough editing to improve the quality of the English language. For example, abstract, line 3 ".....cytotoxic cells that activate during...." This should read ...cytotoxic cells, which become activated during..... Likewise, sub-title, Rheumatoid arthritis, line 6 ".....exposure to infection...." This is not a correct term. There is no shortage of many more throughout the text. Title, please remove "New" and also, s from contributions.