Dear Prof. Dr. Paula A. C. Gomes,

We greatly appreciate your interest in our manuscript, “Low Levels of IgM and IgA Recognizing Acetylated C1-Inhibitor Peptides Are Associated with Systemic Lupus Erythematosus in Taiwanese Women” (molecules-463336). We thank the reviewers for their constructive comments and suggestions. We have revised the manuscript accordingly. All the revisions have been highlighted in red in the revised version.

Our responses to the comments and suggestions of reviewer 1 are as follows:

A: Thank you very much for addrressing my comments in the professional way. Regarding my previous comments 1 and 2, if it has not been done yet, if possible, please, add the respective senetces to the Discussion

Q: We have revised and added the text “Furthermore, autoantibodies against other epitope modifications, including those of N-homocysteinylation, citrullination, MDA, malondialdehyde-acetaldehyde (MAA), carbamylation, acetylation and nitration in non-histone proteins have also been implicated in the etiopathogenesis of SLE and RA [10, 13, 15, 43-47]. Especially, anti-citrullinated and anti-acetylated protein antibody response increase the risk of disease relapse in patients with RA following disease modifying antirheumatic drug (DMARD) treatment [48]. In this study, the levels of anti-C1-INH$^{367-385}$ Ac peptide antibodies in compared patients with RA with HCs were not significantly different (Figure 4B). Further, we need identify new Ac modifications of serum C1-INH in patients with RA and measure the levels of anti-acetylated CI-INH peptide antibody in patients with RA compared with HCs.“ in Lines 266-274 on page 10-11.

Please let me know if any further information is required. Your kind consideration of this submission is highly appreciated.

Yours sincerely,

Ching-Yu Lin, Ph.D.
Professor
School of Medical Laboratory Science and Biotechnology
College of Medical Science and Technology
Taipei Medical University
No. 250, Wuxing Street
Taipei 11031, Taiwan.
Tel.: +886 2 2736 1661x3326;
Fax: +886 2 27324510.
E-mail: cylin@tmu.edu.tw