

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 33788

**Title:** Patients with inflammatory bowel disease have increased risk of autoimmune and inflammatory diseases.

**Reviewer's code:** 02941507

## COMMENTS TO AUTHORS

Minor remarks The authors stated that “Neither did we record any cases of Sjögren’s syndrome, inclusion body myositis, eosinophilic esophagitis, or autoimmune adrenalitis”. However, the coexistence of ulcerative colitis and Sjögren’s syndrome has been reported long ago. Triantafillidis et al described two cases of coexisting ulcerative colitis and Sjögren's syndrome. Both patients were women and, in both cases, ulcerative colitis preceded the diagnosis of Sjögren's syndrome by several years (JK Triantafillidis, P Roussou, ON Manousos, P Dadioti, D Nicolakis. Ulcerative colitis and Sjögren's syndrome in the same patient: report of two cases and a review of the literature. The Italian Journal of Gastroenterology 1993;26:299-302). The authors should comment on that in the discussion section.

## ANSWER TO REVIEWER 1

Thank you for taking your time to review this manuscript and for your comments. We will comment further on these associations in the manuscript. The coexistence of Sjögren’s syndrome coexisting in IBD is also reported in a previous Danish study<sup>[1]</sup>. Furthermore case reports exist describing a possible association between primary adrenocortical insufficiency and IBD <sup>[2, 3]</sup> and eosinophilic esophagitis and Crohn’s

disease [4]. To our knowledge, none have been found regarding inclusion body myositis.

Sincerely

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- 1 Eaton WW, Rose NR, Kalaydjian A, Pedersen MG, Mortensen PB. Epidemiology of autoimmune diseases in Denmark. *Journal of autoimmunity* 2007; **29**(1): 1-9 [PMID: 17582741 PMCID: 2717015 DOI: 10.1016/j.jaut.2007.05.002]
- 2 Qiu Y, Mao R, Chen MH. A De Novo Arisen Case of Primary Adrenal Insufficiency in an Adolescent Patient With Crohn Disease: A Case report. *Medicine* 2015; **94**(23): e818 [PMID: 26061303 PMCID: 4616459 DOI: 10.1097/MD.0000000000000818]
- 3 Govindarajan R, Galpin OP. Coexistence of Addison's disease, ulcerative colitis, hypothyroidism and pernicious anemia. *Journal of clinical gastroenterology* 1992; **15**(1): 82-83 [PMID: 1500669]
- 4 Mulder DJ, Hookey LC, Hurlbut DJ, Justinich CJ. Impact of Crohn disease on eosinophilic esophagitis: evidence for an altered T(H)1-T(H)2 immune response. *Journal of pediatric gastroenterology and nutrition* 2011; **53**(2): 213-215 [PMID: 21788765 DOI: 10.1097/MPG.0b013e318213bf79]