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**Title:** Gut microbiota and inflammatory bowel disease：The current status and perspectives

**SPECIFIC COMMENTS TO AUTHORS**

The study is interesting and informative. In Abstract the authors must replce the authors proved by the authors reported. What about the interplay between pro-inflammatory cytokines,regulatory cytokine (IL-10) and microbiobiome? In section :MECHANISMS OF IMMUNE DISORDERS INDUCED BY INTESTINAL FLORA IMBALANCE IN IBD, the authors must add one or two sentences about the involvement of Nitric oxide in IBD ( Soufli et al 2016). The role of probiotics in immunoregulation during IBD mus added ( Toumi et al, 2013; 2014); I suggest a minor revision.

Reply:1.Researchers have proved that some factors can provide support to the curative effect of the microbiome in patients with IBD, including the identification of mutations in genes involved in microbiome-immune interactions and microbiota-modulating risk factors such as antibiotic use, cigarette smoking, levels of sanitation, and diet involved in pathogenesis of the disease. As a result, there has been increasing interest in the application of probiotics, prebiotics, antibiotics, fecal microbiota transplantation, and gene manipulation in treating IBD because of the possible curative effect of microbiome-modulating interventions. In this review, we summarize the findings from human and animal studiesand discuss the effect of the gut microbiome in treating patients with IBD.

2.the authors haved added one or two sentences about the involvement of Nitric oxide in IBD and The role of probiotics in immunoregulation during IBD .