Reviewer’s report

Title: Investigation into the controversial association of Streptococcus gallolyticus with colorectal cancer and adenoma

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Reviewer: Marika Mikelsaar

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The putative link between S. bovis (S. gallolyticus) and colonic cancer has been exciting idea for medical researchers/doctors for a long time. Though this microbe may be one among some others the provided data are still interesting. My major concern was that the authors have compared the immunological answer of two quite different groups of intestinal bacteria - Streptococcus and Bacteroides. This makes hard to draw final conclusions on the antibodies prevalence difference.

However, as this paper adds information also on the II-8 and NF-KB expression I suggest to accept the manuscript.

For me, at least, it was interesting to read. Though the large individual variability of intestinal microbiota suggest several other microbial candidates for colonic cancer, which could be mentioned by the authors at the end of the paper.