

Review of: "The Link Between Gastrointestinal Microbiome And Ocular Disorders - A Review"

Veli Sukati

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The Link Between Gastrointestinal Microbiome And Ocular Disorders- A Review

This review aimed to examine the link between gastrointestinal Microbiome and ocular disorders. It is evident that ocular conditions such as uveitis in particular and somehow linked with gut microbiome. This review has provided important data on these factors. In this respect, the review has significant scientific and public health merit. The authors reviewed related research works and categorised it into various sub-headings and there is proof of sufficient knowledge, interpretation and application of the relevant literature. The authors have documented, highlighted and argued what has not been covered and have identified where the gap is that their review hopes to fill and demonstrate sufficient critical assessment of the work reviewed. However, as much as it has been indicated that some information has not been researched, there is a need for insightful reasons for the similarities and differences among related studies. This review makes a significant contribution to the knowledge base of the discipline and has the potential to contribute to social and intellectual capital. The eye does not exist in isolation and the linked eye conditions are can result into visual impairment and/or blindness making this work certainly worthy of publication but requires major revisions. The link between the eye conditions and gut microbiome needs to come out clearly from the different conditions. The eye conditions may be introduced and then seek to provide explanations for the possible links of the different eye conditions. There may also be a need to have a section that will introduce the eye conditions and links to microbiome before listing the eye conditions in the subsections so that reader can follow with ease. Please see below some suggestions that may help to improve the quality of the manuscript as the article lacks coherence and flow. Some parts of the manuscripts need to be moved around (see comments below) to facilitate a nice flow of ideas. Emphasis on possible solutions/way forward or at least cite arguments from previous studies.

Introduction

Would be ideal to cite few studies in the introduction related to the research being conducted and perhaps describe gut microbiota and probably pathophysiology including presentation, assessments etc common on which conditions as outlined in the abstract.

Methods

'This displayed a total of 193 papers. 67 of which were deemed relevant for this paper" Combine the 2 sentences and avoid starting sentence with numerical value, instead has to be written in words. Then needs to stipulate how the 193 was reduced to 67 e.g. by going through the abstracts first then how you got to the 55? Furthermore, indicate how information

was extracted into the final write up.

Review

Move the information on the Gastrointestinal Microbiome to be part of introduction

Conclusion needs to highlight the need of more studies in this field and include limitations of the studies reviewed.