Revisiting Short-Chain Fatty Acids and the Microbiota in Colorectal Cancer

Running title: SCFAs and Colorectal Cancer
Marc A Sze 1 , Nicholas A Lesniak 1 , Mack T Ruffin IV 2 , Patrick D. Schloss 1†
To whom correspondence should be addressed: pschloss@umich.edu
Department of Microbiology and Immunology, University of Michigan, Ann Arbor, MI 48109
2 Department of Family Medicine and Community Medicine, Penn State Hershey Medical Center Hershey, PA

1 Abstract

₂ Introduction

3 Results

4 Discussion

5 Conclusions

6 Materials and Methods

Acknowledgements

- 8 The authors thank the Great Lakes-New England Early Detection Research Network for providing
- 9 the fecal samples that were used in this study. We would also like to thank Kwi Kim and Thomas M
- Schmidt for their help in running the short-chian fatty acid analysis on the High-Performace Liquid
- 11 Chromatography machine at the University of Michigan. Salary support for Marc A. Sze came from
- the Canadian Institute of Health Research and NIH grant UL1TR002240. Salary support for Patrick
- D. Schloss came from NIH grants P30DK034933 and 1R01CA215574.

14 References

- Insert figure legends with the first sentence in bold, for example:
- Figure 1. Number of OTUs sampled among bacterial and archaeal 16S rRNA gene
- sequences for different OTU definitions and level of sequencing effort. Rarefaction curves
- for different OTU definitions of Bacteria (A) and Archaea (B). Rarefaction curves for the coarse
- environments in Table 1 for Bacteria (C) and Archaea (D).