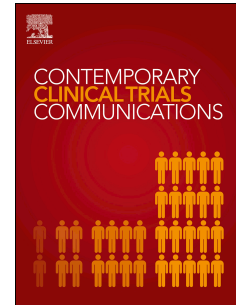


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The impact of probiotics' administration on glycemic control, body composition, gut microbiome, mitochondria, and other hormonal signals in adolescents with prediabetes – A randomized, controlled trial study protocol

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1 **Title:** The impact of probiotics' administration on glycemic control, body
2 composition, gut microbiome, mitochondria, and other hormonal signals in
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21 **Competing interests.**

22 None to disclose.

23 **Author's contributions**

24 This study is part of the PhD thesis of CS. CS designed the study, and wrote the initial
25 draft of the manuscript, FB is responsible for recruitment of study participants. FB
26 and AM supervised the study and revised the manuscript.

27

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