


Reply

Reply to von Büнау et al. Comment on “Depoorter, L.; Vandenplas, Y. Probiotics in Pediatrics. A Review and Practical Guide. *Nutrients* 2021, 13, 2176”

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We agree with Prof. Stange and Erhardt for their comment on our paper on Probiotics in Pediatrics [1], regarding our statement “In adults, several studies showed a beneficial effect of *E. coli* Nissle 1917 compared to standard treatment with mesalazine alone in maintaining remission of the disease [1,2]. Again, these results were not confirmed by any RCT [3].” As Prof. Stange and Erhardt claim, we reported that there are trials with *E. coli* Nissle 1917 in adults. However, there are—to the best of our knowledge—no randomized controlled trials in children. Therefore, we wrote “Again, these studies were not confirmed by any randomized controlled trial” (in children, since the manuscript is about probiotics in pediatrics). So, while there is some evidence in adults, there are no data in pediatrics.

Funding: This research received no external funding.

Conflicts of Interest: The authors declare no conflict of interest.

References

1. Depoorter, L.; Vandenplas, Y. Probiotics in Pediatrics. A Review and Practical Guide. *Nutrients* **2021**, *13*, 2176. [[CrossRef](#)] [[PubMed](#)]
2. Scaldaferri, F.; Gerardi, V.; Mangiola, F.; Lopetuso, L.R.; Pizzoferrato, M.; Petito, V.; Papa, A.; Stojanovic, J.; Poscia, A.; Cammarota, G.; et al. Role and Mechanisms of Action of Escherichia coli Nissle 1917 in the Maintenance of Remission in Ulcerative Colitis Patients: An Update. *World J. Gastroenterol.* **2016**, *22*, 5505–5511. [[CrossRef](#)] [[PubMed](#)]
3. Petersen, A.M.; Mirsepasi, H.; Halkjær, S.I.; Mortensen, E.M.; Nordgaard-Lassen, I.; Kroghfelt, K.A. Ciprofloxacin and Probiotic Escherichia coli Nissle Add-on Treatment in Active Ulcerative Colitis: A Double-Blind Randomized Placebo Controlled Clinical Trial. *J. Crohn's Colitis* **2014**, *8*, 1498–1505. [[CrossRef](#)] [[PubMed](#)]



Citation: Vandenplas, Y.; Depoorter, L. Reply to von Büнау et al. Comment on “Depoorter, L.; Vandenplas, Y. Probiotics in Pediatrics. A Review and Practical Guide. *Nutrients* 2021, 13, 2176”. *Nutrients* **2022**, *14*, 725. <https://doi.org/10.3390/nu14040725>

Academic Editor: Silvia Scaglioni

Received: 5 January 2022

Accepted: 11 January 2022

Published: 9 February 2022

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