Obes Facts

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Research Article

Short-Term Microbiota Manipulation and Forearm Substrate Metabolism in Obese Men: A Randomized, Double-Blind, Placebo-Controlled Trial

Dorien Reijnders[a, b] Gijs H. Goossens[a, b] Gerben Hermes[b, c]
Hauke Smidt[b, c] Erwin Zoetendal[b, c] Ellen Blaak[a, b]

[a]Department of Human Biology, NUTRIM School of Nutrition and Translational Research in Metabolism, Maastricht University Medical Center+, Maastricht, The Netherlands. [b]Top Institute Food and Nutrition, Wageningen, The Netherlands. [c]Laboratory of Microbiology, Wageningen University, Wageningen, The Netherlands

Supplemental Material

KARGER

Prof. Dr. Ellen E. Blaak
Department of Human Biology
NUTRIM School of Nutrition and Translational Research in Metabolism Maastricht University Medical Center+
PO BOX 616, 6200 MD Maastricht, The Netherlands
e.blaak@maastrichtuniversity.nl

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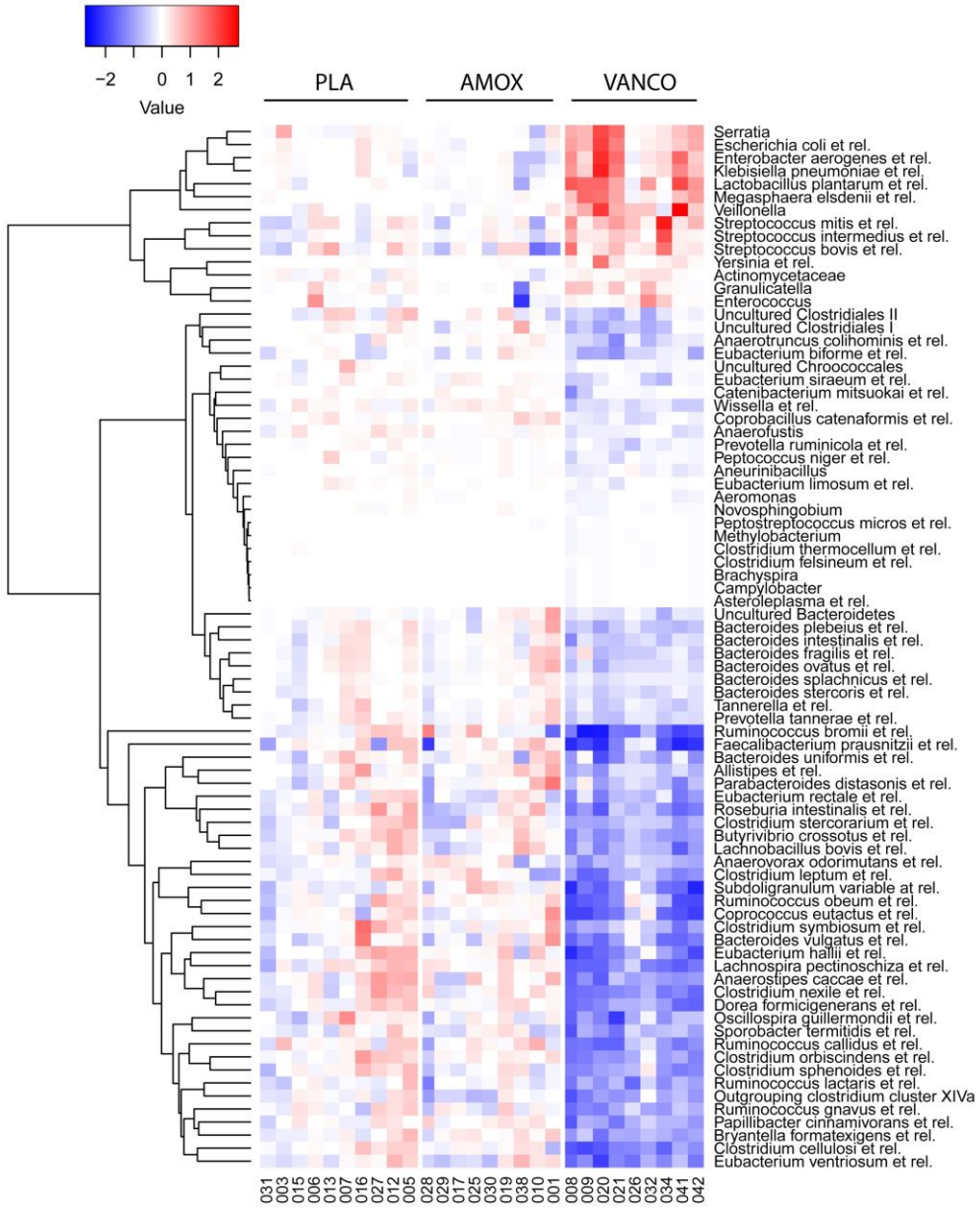
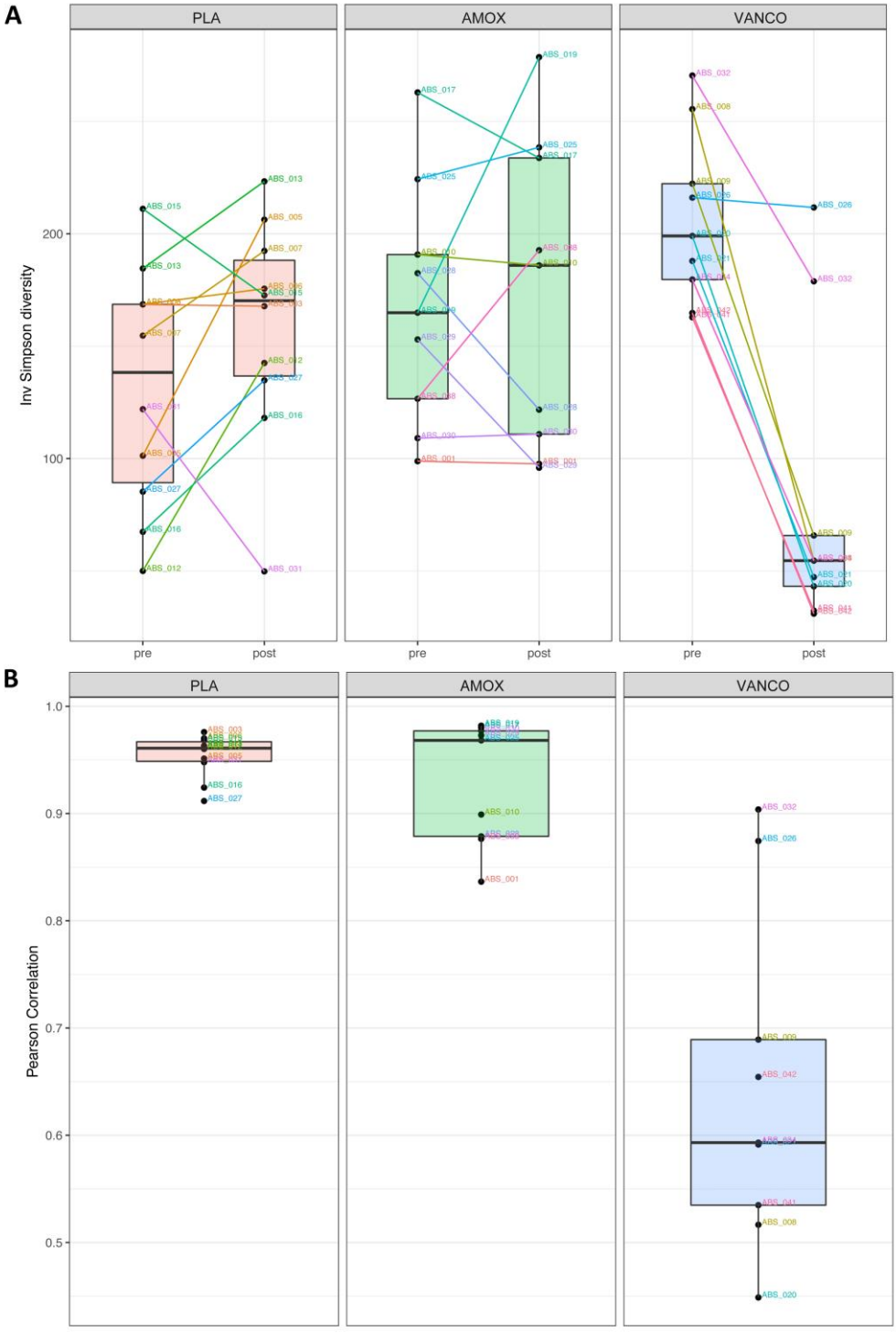
Supplementary Figure 1



Heatmap showing the effects of VANCO and AMOX treatment on microbiota composition. Heatmap of genus like level bacterial groups whose abundance was significantly different (FDR<0.05) post treatment within the VANCO group. Color value shows log10 fold changes compared to baseline. AMOX: amoxicillin, PLA: placebo, VANCO: vancomycin.

Supplementary Figure 2



Effects of AMOX and VANCO treatment on microbiota diversity and composition. While PLA and AMOX show individual variable temporal responses, VANCO caused a significant derease in diversity in all but one individual (A). A similar trend can be observed for the effect on the overall microbiota composition, which was defined as the Pearson correlation between pre and post intervention (B) AMOX: amoxicillin, PLA: placebo, VANCO: vancomycin.