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^{OA}Open Access paper.



Cover The gut microbiome includes more than one thousand different bacterial species, and only a subpopulation of them is found to be shared between individuals, as illustrated by the network plot created using Cytoscape (<http://www.cytoscape.org/>). Alteration of the gut microbiome has been associated with several intestinal disorders. In this issue, the transplantation of the gut microbiome is revealed as a promising alternative to the use of prebiotics, probiotics, or antibiotics for reshaping this microbial ecosystem. (Cover illustration by Jens Reeder. [For details, see Manichanh et al., pp. 1411–1419.]