

MICROBIOTA ANALYSIS

From research tool to diagnostic applications

1. Suddenly everyone is a microbiologist and 'quality' is the first victim of this conversion. (This thesis)
2. Reducing the formation of chimeric sequences by micelle PCR will prevent the microbiologist unwittingly becoming a 'bacterial creationist'. (This thesis)
3. Limiting PCR competition induced bias by micelle PCR improves the accurate characterization of microbial communities. (This thesis)
4. Bacterial DNA contamination is inevitably introduced during the many steps of microbiota profiling experiments and should be taken into account for an accurate analysis of bacterial populations. (This thesis)
5. The general adoption of MYcrobiota will greatly improve the standardization of microbiota profiling results between individual experiments, laboratories and scientific publications. (This thesis)
6. Because of the growing enthusiasm of the microbiome and its potential impacts on human health, it is easy to forget how little we understand of the functional capacities of the microorganisms involved. (Mol Syst Biol 2015; **11**: 793)
7. Quoting that bacterial cells in our body outnumber our own cells by about ten to one is based upon a myth that should be forgotten. (PLoS Biol 2016; **14**: e1002533)
8. Clinical microbiology is a conservative field of work that is slowly turning its back on the technologies developed in the ages of Pasteur and Koch. (Ann Lab Med 2013; **33**: 14-27)
9. Implying that research can be carried out productively without a preceding set of underlying hypotheses via so-called 'hypothesis-free research' is nonsense. (The Scientist, 2008)
10. Skiing is more than just a sport - it improves your overall happiness and well-being. (Scand J Med Sci Sports 2011; **21**: 1-8)
11. If you wait until the last minute, it only takes a minute to do. (Cyril Northcote Parkinson)