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Metagenomic detection of bacteria and fungi in the atmosphere of Mexico City

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Bioaerosols significantly affect atmospheric processes. The identification of airborne bacteria and fungi has traditionally been performed by retrieval in culture media, but in this way their diversity in the air is underestimated. Advances in DNA sequencing technology have produced a broad knowledge of genomics and metagenomics, so the objective of this study was to efficiently recover microorganisms from the air and standardize monitoring protocols, sample processing and molecular