

## Education projects regarding microbiome research (partial overview)

1. May 2026 Methylation sequencing of lung cancer CUTO cell line: change of methylome upon drug-resistance development
2. May 2026 RNA-seq of lung cancer PC2 cell line under different drug treatments
3. May 2025 WGS of lung cancer PC1 & PC2 cell lines for digital karyotyping, CNV, SNV and fusion gene identification
4. Jan 2026 Gut Microbiome metagenomic sequencing: Influence of Kiwi fruit on intestine health
5. Feb 2025 Soil microbiome metagenomic sequencing: study of saltstress in wheat fields north Friesland
6. Feb 2025 Metagenomics of ACFC (Kenia) ethanol fermenter
7. Jan 2025 Methylation sequencing of Jurkat cancel cell line: Influence of nutmeg on cancer treatment
8. Dec 2024 Gut Microbiome metagenomic sequencing: Influence of Chili peppers on intestine health
9. Feb 2024 Bioplastic degradation soil metagenomic sequencing
10. Jan 2024 Deep(er) sequencing for ultra-resolution Metagenome-assembled genomes (MAGs)
11. Dec 2023 Metagenomic sequencing: Impact of probiotic mouthwash on oral health
12. Dec 2023 Skin Microbiome metagenomic sequencing: Effort of different hand sanitizers
13. Dec 2023 Methylation sequencing of Jurkat cancel cell line: The effects of botulinic acid on cancer treatment
14. Jan 2023 Soil Study: Arctic soil metagenomic sequencing
15. Dec 2022 Skin Microbiome metagenomic sequencing: Creme de la Creme, impact of probiotic skin products
16. Nov 2022 Artificial Rumen Reactor Sequencing
17. Dec 2021 Skin Microbiome metagenomic sequencing: Impact of wearing mask on skin health
18. Dec 2021 Gut Microbiome metagenomic sequencing: Health Benefits of Kombucha Tea
19. Dec 2020 Gut Microbiome metagenomic sequencing: Impact of Vegan Diet on health
20. Dec 2019 Direct RNA sequencing: Rapid detection of Bee Haemolymph Virosome
21. May 2018 Gut Metagenomics sequencing for Antimicrobial Resistance Markers
22. May 2017 Metagenomic sequencing: Power2Gas reactor