

PRESENTATION

MONITORING AND MANAGEMENT OF MICROBIAL RESOURCES S.r.l (M³R) is a spin-off company of the University of Milano-Bicocca, founded in 2019 based on the large experience of the Microbiology Group in the field of Environmental Biotechnology.

The company is addressed to the major industrial groups and to environmental consultant companies which operate in the field of the **remediation of polluted sites**.

The main activities of the company are focused on the **microbiological aspects of the bioremediation processes** and our mission is to give support to our clients through the design of site-specific **bioremediation strategies** and the selection of the best and definitive solution.

M³R also performs culture-independent biomolecular analyses of environmental microbiomes.

Research and development of **innovative environmental bio-based solutions** is also of great interest for our company.

PRODUCTS & SERVICES

Culture-independent biomolecular analyses of microbiomes

- Genomic DNA extraction from environmental samples;
- SSU or ITS gene NGS sequencing;
- Genomics and metagenomics analyses;
- NGS sequencing bioinformatic analysis and data elaboration for SSU or ITS gene;
- Quantitative Real-time PCR.

Bioremediation feasibility tests

- Mesocosms/bioreactors tests (lab-scale);
- Pilot and field-scale tests;
- Set-up of enrichment cultures;
- Isolation of degrading microorganisms;
- Colorimetric assay for screening degrading microorganisms;
- Chemical analysis;
- Ecotoxicity tests.

Consulting

- Data analysis;
- Project design;
- Advising.

Team

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Sector

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