



Environmental Quality

R&D&I IN BIOTECHNOLOGY APPLIED TO ENVIRONMENTAL SUSTAINABILITY

KEY WORDS

BIOTECHNOLOGY,
SUSTAINABILITY,
CIRCULAR ECONOMY

DESCRIPTION

The Laboratory for Environmental Quality Studies and Biotechnology (LCAB) at UNRN is a research unit dedicated to generate scientific knowledge and innovative solutions. Its mission is to contribute to sustainable development through research on ecosystems (air, soil, water) and the development of bioprocesses. Within the context of the circular economy for plastics, the LCAB offers advanced capabilities in microbial biotechnology and genomics to develop bioremediation and waste valorization solutions, acting as a bridge between academia and regional production sectors.

APPLICATIONS

- Development of bioprocesses for waste treatment.
- Environmental impact studies of new materials.
- Technical consulting for industries on the green transition.
- Research on biodegradation mediated by microorganisms.

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