

# EU RESEARCH PROJECTS

KAISERSLAUTERN UNIVERSITY OF APPLIED SCIENCES

## MUNASET

Proteases recently emerged as a promising new class of biomarkers with a broad diagnostic, prognostic and therapeutic potential for different human diseases including neurological and psychiatric diseases, several types of cancer, and immune system disorders.

## R-LIGHTBIOCOM

New lightweight High-Performance Composite (HPC) materials and efficient sustainable processing technologies will have an enormous environmental and performance benefit in all sectors of application.

## SPOILCONTROL

SpoilControl will train the next generation of polyvalent researchers in the field of sustainable fermentation technologies, able to meet current and future challenges created by microbial spoilage and improve the quality & safety of fermented beverages.

## Waste2BioComp

Waste2BioComp project aims to demonstrate relevant scale production of bio-based products and materials, as alternatives to traditional materials with high environmental footprint, using innovative manufacturing technologies.

## BatCAT

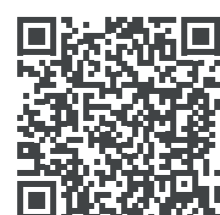
BatCAT is the project that realizes the manufacturability programme from the BATTERY 2030+ Roadmap, creating a digital twin for battery manufacturing that integrates data-driven and physics-based methods.

## MITI2

The project focuses on the regulatory properties of a subset of microbiota-specific TR1-like regulatory T (Treg) cells, for which we have already shown an unprecedented association with the clinical outcome of patients in various inflammatory diseases, for a therapeutic use in inflammatory bowel diseases (IBD).



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