

Forschung

The two partner universities currently have the following established research priorities in biotechnology:

Offenburg University

- Biological methanation of hydrogen in biogas plants to store excess electricity
- EBIPREP
- Effect-related environmental analysis with luminescent bacteria; further development of the YES test

Offenburg University in cooperation with the University of Freiburg (Institute for Microsystems Technology) and industrial partners

- Development of a standardization process for the analysis of DNA profiles for next-generation sequencing (NGS) - Diagnostics using hematological cancer as an example

Offenburg University in cooperation with UWM

- Production of biopolymers from food residues
- Journal *Environmental Biotechnology* (peer-reviewed)
- International Conference on Environmental Best Practices (every 2-3 years, since 2006, alternating between Olsztyn and Offenburg)

UWM

- Biogas and biorefinery
- Micronucleus tests
- Electronic nose
- Biofilms

The English-language journal *Environmental Biotechnology*, available online at www.environmentalbiotechnology.pl, is jointly published by Offenburg University and UWM.