



acib

AUSTRIAN CENTRE
OF INDUSTRIAL
BIOTECHNOLOGY

MISSION STATEMENT

To develop new, environmentally friendly, economically and technically advanced products and processes for the industry.

In its role as an international research centre in all areas of industrial biotechnology, **acib responds to pressing social issues** such as the health crisis, the climate crisis, the shift from fossil energy sources to renewable resources, the preservation of ecosystems by avoiding harmful waste, and ensuring sufficient food to feed the world.



RESEARCH FIELDS

Biocatalysis

This research field describes the **use of biocatalysts for the conversion and synthesis of molecules** and replacing traditional chemical processes by efficient and environmentally friendly approaches.

Microbial Biotechnology

The research field includes the **biotechnological utilization of microorganisms** (bacteria, yeasts, fungi) and their compartments for the production of proteins or important metabolites.

Enzyme Technologies

In this research field we are dealing with **new enzymatic conversions in synthetic approaches** in order to close current gaps of enzymatic process applications, as well as the immobilization of enzymes.

Protein Engineering

We combine direct laboratory evolution with structure-based rational design to **optimize the activity, stability, affinity, solubility or expression of proteins** from enzymes to biotherapeutics.

Visit our [Research-Marketplace](#) for more information

The whole story

The Austrian Centre of Industrial Biotechnology (acib GmbH) is a non-profit R&D centre with 30+ years of experience of turning research results into new industrial process and products!



FACTS (2010 – 2023)

Budget

Approx 200 Mio. from industry, public funding, private foundations

Employees

206

Project partners

200+ from science and industry

Research projects

40+ in the funding program (fluctuating after completion and restart), 8 major EU projects (one completed in the first funding period, total volume 10+ million euros)

Publications & conference contributions

< 5.000

Academic literature

- 117 completed dissertations, 61 ongoing.
- 192 completed master's theses, 21 ongoing.

Owners

- University of Natural Resources and Life Sciences, Vienna
- Graz University of Technology
- University of Graz
- University of Innsbruck
- Joanneum Research

acib FFG-COMET sponsors

- Ministry of Climate Protection (BMK)
- Ministry of Economic Affairs (BMDW)
- Styrian Business Promotion (SFG)
- Government of Lower Austria,
- Vienna Business Agency
- Standortagentur Tirol

SOME OF OUR COMPANY PARTNERS



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