

Szeged, Hungary

Bay Zoltán Nonprofit Ltd.

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ABOUT US

Bay Zoltán Nonprofit Ltd. for Applied Research, Hungary's leading applied research institution includes the Division for Biotechnology in Szeged (BAY-BIO), which was the first established organizational unit. The activity of the Ltd. and BAY-BIO within the biotechnological sector forms a technological bridge between the phases of basic research and experimental development. In cooperation with the other institutes of the Ltd., BAY-BIO implements the following tasks:

- ensure applied research background for domestic and international corporate partners
- implement our own goal and product-oriented projects via participation in tenders
- provide a cutting-edge service portfolio for our partners
- practice-oriented education.

Due to our flexible approach and comprehensive professional background established in the area of applied research, we can provide creative, innovative solutions and answers to the biotechnology-related problems and questions arising on our partners' side. This also enables us to ensure the continuous development of our institute, help our partners in achieving their goals as well as to contribute to the sustainable development of our built environment.

BAY-BIO is the only institution in Hungary that is fully devoted to industrial and environmental biotechnology, and is able to self sustain itself from this activity. Other sectors of biotechnology are represented by various institutions as well, but at present our institute is the most significant center for industrial and environmental biotechnology.

Our key areas of research and development:

- oil industry development projects
- drinking water and wastewater treatment
- environmental protection microbiology and sensorics development projects
- biology based energy production
- molecular biology diagnostics
- Hungarian-Romanian joint environmental laboratory
- alga biotechnology

AREAS OF ACTIVITY

SERVICES

- Research
- Innovation management
- Technology transfer

TECHNOLOGIES

- Biotechnology
- Energy (oil, gas, electricity)

INDUSTRY

- Agriculture
- Biotechnology
- Energy

