

Invitation to a Lunch Seminar



Lecture by Prof. Dr. Abdulkadir Bayir

Department of Aquaculture

Faculty of Fisheries, University of Atatürk

Erzurum, Turkey



Visiting Professor of CENAKVA (RP1)

Title: **Research Journey in Aquaculture: From Fish Nutrition to Sustainable Food Production**

Date: **Thursday, 22nd October 2026,**
12:00 – 13:00

Place: **FFPW USB, Zátiší 728, Vodňany,**
large meeting room

Details: Please confirm your participation [HERE](#)
by 21st September 2026, 1:00 PM



Lunch sandwiches will be provided for all registered participants.

Abstract: The seminar will explore how advances in CRISPR-based genome editing, inducible gene regulation, and precision nutrition can contribute to improved aquaculture productivity and sustainability. It will also highlight international collaborative projects focused on aquaponics, circular food production, and low-carbon agricultural technologies. By connecting molecular biotechnology with innovative and sustainable production systems, the presentation will offer insights into emerging research opportunities and future directions in aquaculture and food security.



Contact person:
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a ochrany vod
Faculty of Fisheries
and Protection
of Waters

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice



HR EXCELLENCE IN RESEARCH

Prof. Dr. Abdulkadir Bayir



Atatürk
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Professor of Aquaculture specializing in nutrigenomics,
functional genomics, and fish metabolism

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Abdulkadir Bayir is a Professor in the Fisheries Faculty at Ataturk University. For the past 25 years, he has worked on fish nutrition, molecular genomics, and genome editing and sustainable food production systems. Building upon these core expertise areas, he has successfully led and contributed to major, high-budget national and international projects, including the PRIMA-supported upscaling of agroecological food production, TÜBİTAK-NSFC bilateral research on metabolic feedback mechanisms, Belmont Forum circular bioeconomy aquaponics initiatives, and advanced CRISPR/Cas9-mediated gene knockout studies in salmonids.

- **WoS Research Areas:** Agriculture & Environment Sciences (Age), Nutrition & Dietetics, Genetics & Heredity, Biochemistry & Molecular Biology, Natural Sciences (Sci), Life Sciences (Life), Agricultural Sciences, Natural Sciences General, Molecular Biology & Genetics, Multidisciplinary Sciences
- **Scopus Research Areas:** Nutrition and Dietetics, Genetics, General Biochemistry, Genetics and Molecular Biology, Molecular Biology, Multidisciplinary
- **Avesis Research Areas:** Agricultural Sciences, Seafood, Aquaculture, Life Sciences, Bioinformatics, Biological Information, Biological Databases, Natural Sciences

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