



University Hassiba Benbouali
of Chlef



Institute of Marine Sciences
and Techniques of Ténès

TOPICS

Biotechnology Applied to Aquatic

Ecosystems

- Biotechnological innovations for studying biodiversity (environmental DNA, metabarcoding).
- Applications in aquaculture : selection, genetic improvement, sustainable nutrition.
- Microbial biotechnology and microalgae valorization.

Valorization of Aquatic Resources

- Processing of fishery and aquaculture by-products.
- Sustainable use of biological resources: bioactive molecules, bioprospecting, blue biotechnology.
- Development of economic sectors based on local aquatic resources.

Conservation and Sustainable Management of Aquatic Biodiversity

- Assessment and monitoring of freshwater and marine ecosystems.
- Threatened species and protection strategies.
- Impacts of human activities and climate change on aquatic ecosystems.

Biodiversity of Aquatic and Wetland Fauna and Flora

- Inventory, taxonomy, and biogeography of aquatic fauna and flora.
- Ecological roles of macrophytes, microalgae, invertebrates, and fish communities.
- Monitoring of indicator species and habitat quality.
- Conservation strategies for endemic and threatened species in Algerian wetlands and coastal zones.
- Impacts of pollution, habitat degradation, and climate change on aquatic biodiversity.

SCIENTIFIC COMMITTEE

PRESIDENT : Dr. LAAMA Chahinez

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SNV/UHBC

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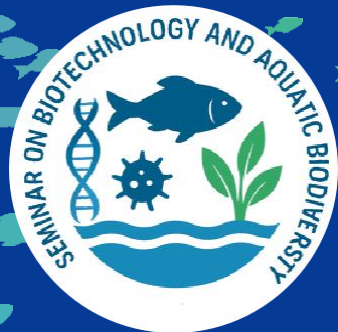
Dr. HANDJER Houria, Université de Tipaza
Dr. MADACHE Sarah, Université de Ouargla

Dr. BRADAI Abdelhamid, SNV/UHBC
Dr. ZIRI Sihem, SNV/UHBC

1ST National Seminar on Biotechnology and Aquatic Biodiversity:

Challenges of Valorization, Conservation,
and Sustainable Development

SNBBA2026



October 14th, 2026, Ténès

HONORARY INVITED

Rector of the University Hassiba Benbouali
of Chlef, **Pr. GHOUINI Larbi**

Director of the Institute of Marine Sciences and
Techniques, **Pr. BOUKABCHA Nourdine**

PRESIDENT OF THE SEMINAR

Dr. GHAOUACI Souad



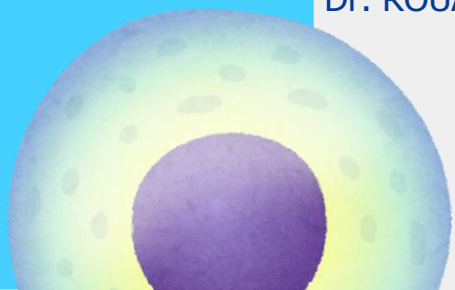
OBJECTIVES OF THE SEMINAR

This seminar aims to explore the interactions between biotechnology and aquatic biodiversity, highlighting the challenges of valorization, conservation, and sustainable development. It will present recent scientific and technological advances in biotechnology applied to aquatic resources, as well as strategies for the valorization of species and ecosystems for aquaculture and industrial applications. The seminar will also address the importance of biodiversity conservation in the face of threats from human activities, climate change, and overexploitation, while promoting responsible and sustainable practices. Finally, this event aims to foster exchanges and collaborations among researchers, students, professionals, and institutions, combining scientific research, biotechnological innovation, and the sustainable preservation of aquatic biodiversity.

PUBLICATION

The most accomplished works will be published in a special edition review of [Oceanographia journal](#) in [ASJP Platform](#).

In collaboration with



ORGANIZING COMMITTEE

PRESIDENT : DR. MEHEDI

Fayçal

MEMBERS

Dr. BOUKABCHA Maamar, ISTM/ UHBC
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Mrs. CHABANE Ikram, Membre, ISTM/ UHBC
Dr. ROUAM Djawad, SNV/UHBC



IMPORTANT DATES

May 8, 2026

Call for communications.

August 30, 2026

Deadline for submission of abstracts.

September 15, 2026

Notification of acceptance.

October 14, 2026

Seminar date.

PROGRAMS

The seminar will focus on the following scientific activities :

Conferences (20 minutes)

Oral communications (10 minutes)

Poster presentations (10 minutes)

CONTACT INFORMATION



snbba2026@univ-chlef.dz

ABSTRACTS SUBMISSION

Participants are invited to submit their abstracts according to the proposed template for oral or poster presentations via the following link :

<https://forms.gle/gZQvQr2EJTcm1Rnu6>

participant can submit a maximum of 1 to 2 abstracts Language : English or French