



İSTANBUL PROJECT ACADEMY



MARMARA ÜNİVERSİTESİ
İNNOVASYON VE TEKNOLOJİ
TRANSFER UYGULAMA VE
ARAŞTIRMA MERKEZİ





Horizon Europe Cluster 6:

Food, Bioeconomy, Natural Resources,
Agriculture and Environment Brokerage Event





Field of Expertise :

Aquaculture Production
Circular Economy
Product Optimization of marine organisms
Integrated Multi-Trophic Aquaculture (IMTA)
Bio-indicators of animal health and welfare
Cell lines

Organisation Name:



Addressed Calls:

Biodiversity and Ecosystem services (**BIODIV**)
Fair, Health, and environment-friendly food
systems from primary production to consumption
(**FARM2FORK**)
Circular Economy and bioeconomy sectors
(**CircBio**)



S2AQUA – Sustainable and Smart Aquaculture

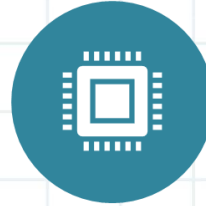


1

Services and analytics applied to Aquaculture

9

- In vivo and in vitro assays;
- Proximate composition determination;
- Diseases and Disorders;
- Welfare monitoring;
- Gene expression;
- Biochemical analysis;
- Nutritional trials;



2

Models and emergent technologies



3

Management, projects and science communication

- Events organizations;
- Consultancy and other services;

KEY COMPETENCES CURRENT AND EVOLVING

CLIMATE CHANGE
MONITORING UPSTREAM AND DOWNSTREAM WATER CONDITIONS IN CULTURES;
ADAPTATION TO CLIMATE CHANGE OF CULTURES AND INFRASTRUCTURES;
TOXINS AND AQUACULTURE;
PHYSICAL-CHEMICAL CONTAMINANTS.



NEW PRODUCTS, TECHNOLOGICAL DEVELOPMENT AND MARKET
NEW SPECIES AND ORNAMENTAL ORGANISMS' PRODUCTION;
IMPROVEMENT AND DEVELOPMENT OF NEW CULTURE SYSTEMS, METHODOLOGIES,
MATERIALS AND ENGINEERING;
BOOSTING THE CIRCULAR ECONOMY, FARMED SEAFOOD BIOECONOMY AND BLUE
BIOTECHNOLOGY;
INCLUSIVE, SAFE, HEALTHY AND TRUSTFUL FARMED SEAFOOD SYSTEMS AND PRODUCTS



BIO-INDICATORS OF ANIMAL HEALTH AND WELFARE
MOLECULAR METHODOLOGIES TO IMPROVE AQUACULTURE;
MONITORING DISEASES AND DISORDERS;
USE OF IN VITRO SYSTEMS FOR AQUACULTURE DEVELOPMENT.



PRODUCTION OPTIMIZATION

BROODSTOCK SELECTION AND MANAGEMENT;
LARVAL AND JUVENILE SUPPLY;
FEEDING AND NUTRITIONAL REQUIREMENT OPTIMIZATION;
ALGAE AND HALOPHYTES PRODUCTION;
TECHNICAL APPROACH IN ONSHORE, INSHORE AND OFFSHORE SYSTEMS.



Contact details



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THANK YOU...



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