



Projects · NTHRYS Biotech Labs

AI Aquaculture Biotechnology

# AI Aquaculture Biotechnology Projects

**Project Categories**

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Browse AI Aquaculture Biotechnology project programs at NTHRYS Biotech Labs — academic, professional, industrial and research tracks across the categories below.

## CATEGORIES

**AI Fish Health Monitoring & Disease Prediction**

**ML-Based Aquafeed Formulation Optimization**

**AI Water Quality Management in Aquaculture**

**Genomic Selection for Commercial Fish Breeding**

**AI Shrimp Farm Automation & Yield Prediction**

**Probiotic Development for Aquaculture Industry**

**RAS Technology Optimization via AI**

**AI-Guided Vaccine Development for Fish Pathogens**

**Computer Vision for Fish Biomass Estimation**

**AI Algae-Fish Integrated Aquaculture Systems**

**Microbiome AI Analytics for Aquaculture Health**

**AI Detection of Contaminants in Seafood Products**

**Gene Editing for Disease-Resistant Aqua Species**

**AI-Enabled Seafood Traceability Systems**

**Aquaculture Carbon Footprint Reduction via AI**

**Smart Cage Aquaculture Monitoring Systems**

**Insect Meal Biotech for Aqua Feed Industry**

**AI Regulatory & Certification for Aqua Products**

**AI-Based Pond Ecology Optimization**

**Genetic Mapping for High-Growth Aqua Strains**