

ICAR ACCESS

Name of the Institution / Company: NORTUNA HOLDING A.S.
Applicant name and surname: NORTUNA HOLDING A.S.
Descriptive title: Feasibility study of using criopreserved cirriped nauplii as a substitute of yolk sac larvae in the feeding of Atlantic bluefin tuna larvae
ACRONYM: CIRTUNA
Summary <p>The aim of this proposal is to study the feasibility of using criopreserved cirriped nauplii as a substitute of yolk-sac larvae in the feeding for Atlantic bluefin tuna (ABFT) larvae. This proposal is to test if ABFT are able to accept cirriped nauplii as feeding, to determine their ingestion rate and to test growth and survival compared with the normal feeding regime of ABFT larvae. ABFT larvae will be fed with copepods (<i>Acartia tonsa</i> nauplii) during their first feeding period (from 0 to 12 dph) and then fed with cirriped nauplii or sea bream yolk sac larvae during 10 days (up to 22 dph). Ingestion rate, daily growth, mortality during the whole period and skeletal deformities will be determined in both feeding regimes.</p>