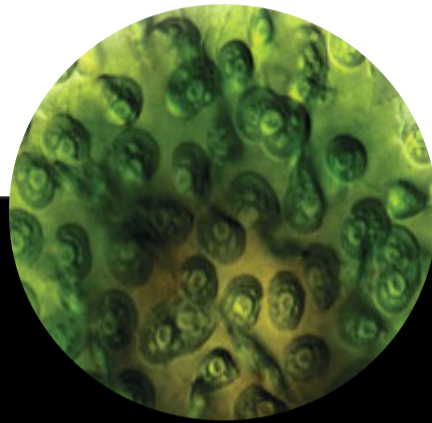


FishGen

in collaboration
with

SMART
AQUA
AQUACULTURE BEYOND FOOD



Effects of Microalgae oil supplementation in gut health and growth of Nile Tilapia



Tilapia is the second most farmed fish on the planet. But information about its gut microbiota, especially on how it develops from early life stage, is still missing.

We will assess the effects of microalgae lipids on gut microbiota, gene expression and growth performances of Nile tilapia fry.

We will observe how the replacement of conventional fish and plant oil with Schizochytrium oil affects the microbiome and how it is associated with the health and fitness of the fish (growth performances, immune gene expression).

FISHGEN

Better bred fish for aquaculture