



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Curriculum Vitae

Family Name: Faggion

Given Name: Sara

Nationality: Italian

Date of birth: 04/03/1988

E-mail: sara.faggion@phd.unipd.it

Education:

- Bachelor degree in Animal Science and Technology, University of Padova;
- Master degree in Marine Biology, University of Padova;
- PhD student, Animal and Food Science, University of Padova.

Research areas:

- Selective breeding/genetic and genomic selection in aquaculture species;
- reproductive technologies in aquaculture species.

PhD project:

My PhD project focuses on the improvement of aquaculture productive performances of European sea bass (*Dicentrarchus labrax*).

The main part of the project is related to the improvement of Nodavirus resistance and of stress responsiveness through genetic and genomic selection.

Collateral studies are related to the development of a diagnostic tool (istochemical staining) to systematically monitor the incidence and the progression of skeletal deformities in the larval and juvenile stages; the study of the genetic architecture of sex determination in natural populations of sea bass; the improvement of the reproductive technologies.

Supervisor:

Prof. Paolo Carnier

Prof.ssa Daniela Bertotto

Publications:

Populations-specific variations of the genetic architecture of sex determination in wild European sea bass *Dicentrarchus labrax* L. (Sara Faggion, Marc Vandeputte, Béatrice Chatain, Pierre-Alexandre Gagnaire, François Allal); paper submitted