



## Genetics and Genomics of Aquaculture Species

**Organised by a Standing Committee:** YES

### Meeting information

Date: Friday, July 30

Time: 9:00AM-12:15AM

Number of participants: 30

### Chair

Name: Francesca Bertolini

Affiliation: Technical University of Denmark

Contact email: franb@aqua.dtu.dk

### Co-Chair (optional)

Name: Maria Saura

Affiliation: Institute National De Investigacion Y Tecnologia Agraria Y Alimentaria (INIA), Spain

Contact email: saura.maria@inia.es

## Agenda

- 9:00 AM W236 Invited Workshop Presentation: Monitoring of fish and pathogens around aquaculture facilities through analysis of environmental DNA (eDNA) using an environmental sample processor. M. W. Jacobsen
- 9:30 AM W237 Pikeperch Sander lucioperca genome data: Basis for smart farming in aquaculture. T. Goldammer
- 9:45 AM W238 A blue mussel chromosome-scale assembly and genomic resources for aquaculture, marine ecology, and evolution. T. Hori
- 10:00 AM W239 An application of the MedFish SNP array: Determining population structure and genetic variability of gilthead seabream (*Sparus aurata*) and European seabass (*Dicentrarchus labrax*). M. Saura
- 10:15 AM W240 Signatures of selection and genomic diversity of muskellunge (*Esox masquinongy*) from 2 populations in North America. J. Chinchilla-Vargas
- 10:30 AM W241 Influence of estimated breeding value for growth trait on spawning quality in gilthead seabream (*Sparus aurata*). C. Pérez-García
- 10:45 AM Break
- 11:00 AM W242 Resistance of common carp to Cyprinid herpes virus-3: Individual survival is more affected by different genomic loci than family percent survival. L. David
- 11:15 AM W243 Omics study for viral hemorrhagic septicemia virus (VHSV) resistance in *Paralichthys olivaceus*. J. Shin.
- 11:30 AM W244 Genome editing to produce monosex and sterile fish for aquaculture.
- 11:45 AM W245 Thermal stress generates oxidative damage in liver and gills of red cusk-eel (*Genypterus chilensis*) juvenile. P. Dettleff
- 12:00 PM W246 Reproductive performance of the sea urchin *Tripneustes gratilla* in first- and second-generation cultured cohorts. M. Brink-Hull



## INTERNATIONAL SOCIETY FOR ANIMAL GENETICS

### Summary of the meeting

Since all the committee members were in line with the election terms, due to the special situation of the workshop, it has been decided to keep the committee unchanged and proceed with new elections in 2023.

### **New Committee chair**

Chair: Francesca Bertolini
Term of service 2016-2023
Affiliation: University of Bologna
E-mail address: francesca.bertolini3@unibo.it

### **New Committee co-chair (optional)**

Chair: Maria Saura
Term of service ( <i>add years of the first and second term of service</i> ): 2017-2023
Affiliation: CONSEJO SUPERIOR DE INVESTIGACIONES (CSIC)
E-mail address: saura.maria@inia.csic.es

*Note: One term runs for two bi-annual conferences (i.e. four years)*

### **New Committee members**

Other committee members	First term of service (from year to year)	Second term of service (from year to year)	Email address
Bjorn Hoyheim	2016-2019	2019-2023	Bjorn.Hoyheim@nmbu.no



## INTERNATIONAL SOCIETY FOR ANIMAL GENETICS

Ross Huston	2016-2019	2019-2023	ross.houston@roslin.ed.ac.uk
Lior David	2021-2023		lior.david@mail.huji.ac.il
Tiago Hori	2021-2023		Tiago@canadiancove.pe.ca