

II Workshop “Immunology, nutrition and welfare in aquaculture”

27th November 2025

From 10:00 to 14:30h (CET).

(IDiBE-UMH, Edificio Torregaitán, Sala Von Humboldt)

Registration: <https://forms.gle/uwzaokbXRMM3VC6U7>

Organizer: Prof. María del Mar Ortega-Villaizán (IDiBE- UMH)

Scientific programme

10:00-10:10h Welcome Prof. María del Mar Ortega-Villaizán

10:10-10:45h Prof. Alain Vanderplasschen (University of Liège, Belgium) - The carp and the Cyprinid herpesvirus 3: not a fable but a beautiful model to study host-pathogen-environment interactions.

10:45-11:20h PhD. Sergio Rocha (Norwegian University of Life Sciences, Norway) – The role of intestinal microbiota in promoting healthier fish in aquaculture.

11:20-11:55h PhD. Cristóbal Espinosa-Ruiz (IMIDA, Spain) - The hepatic steatosis model in *Sparus aurata*: a transcriptomic study highlights differential gene expression in gilthead seabream (*Sparus aurata*).

11:55-12:30h Coffee break

12:30-12:50h PhD. Jose Carlos Campos (Miguel Hernández University, Spain) - *In silico* mapping of transposable-element footprints on immune genes across farmed teleost genomes and in vivo validation.

12:50-13:10h Celia García Quintanilla (Miguel Hernández University, Spain) - Antiviral potential of plant extracts against red spotted grouper nervous necrosis virus (RGNNV).

13:10-13:30h Adrián López Murcia (Miguel Hernández University, Spain) - Profiling the rainbow trout erythrocyte epigenome in fish exposed to different immunological stimuli.

13:30-13:50h Prof. María del Mar Ortega-Villaizán (Miguel Hernández University, Spain) – Alternative approaches to antiviral vaccines in aquaculture fish.

13:50-14:00 h Conclusions and final remarks Prof. María del Mar Ortega-Villaizán

14:00h Networking lunch

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