

AGENDA

NANOCULTURE Public presentation

INL – International Iberian Nanotechnology Laboratory, Braga, Portugal

20th May 2019 14:00 – 16:30

At INL, the coordinator of NANOCULTURE INTERREG Atlantic Area project, we will organize an initial public session to disseminate the project with interested stakeholders. The session includes three presentations and a Q&A and will be followed by a short tour of INL as follows:

14:00 – 14:30 *Registration and coffee*

14:30 – 14:50 **Aquaculture 2030, presentation by Santiago Cabeleiro, CETGA – Galician Aquaculture Cluster (20min)**

14:50 – 15:10 **Funding opportunities of INTERREG AA program, presentation by Carlos Garea, Project officer at Atlantic Area Joint Secretariate**

15:10 – 15:30 **NANOCULTURE: Risk assessment and mitigation of the presence of engineered NANOMaterials in Atlantic aquaCULTURE, Presentation by Begoña Espiña, INL**

15:30 – 15:50 *Questions and answers*

15:30 – 16:30 *Tour of INL*



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NANOCULTURE is a project co-funded by European Regional Development Fund (ERDF) under the umbrella of INTERREG Atlantic Area with the application code: EAPA_590/2018

NANOCULTURE INTERREG PROJECT INVITATION

On May 20th the INL – International Iberian Nanotechnology Laboratory publicly presents the project **NANOCULTURE**, a new INTERREG Atlantic Area that addresses the **risk assessment and mitigation of the presence of Engineered Nanomaterials in Atlantic aquaculture**.

The use of metallic NPs is growing exponentially due to proven improvements in diverse industrial applications. However, the studies of risks and mitigation of the presence of NPs in the environment are lagging far behind the rate of utilisation, which represents a crucial environmental and safety issue to be addressed by the Atlantic Area.

NANOCULTURE will act on 3 main fronts:

- Assessment of the current situation on the **presence, transformation, bioaccumulation and effects** of Ag and TiO₂ NPs in aquaculture products from the Atlantic Area;
- Evaluation of the **human risk of exposure** by **oral intake** of aquaculture products;
- Development of **sensors** for the **rapid identification and quantification** of Ag and TiO₂ NPs in aquaculture facilities

The overall focus of the project is the Atlantic aquaculture, a fast-growing sector of high economic relevance in the region, specifically targeting the organisms destined for human consumption (cultured fish, molluscs, seaweed, sea urchins, and others). The goals are the promotion of sustainable development of aquaculture sector and establishment of regulation supporting safe and non-toxic use of nanoparticles in AA aquaculture.

If you want to know all about NANOCULTURE, the project's action plan and have the chance to meet the partners, join us at INL (Braga, Portugal) on **May 20th at 14:30 WET** Registration is free, but mandatory. For further information and registration, please contact dasa.majcen@inl.int.



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