



Three ERC-funded positions in epigenetics of fish domestication at Nord University

A [five-year researcher position](#) (ref. 30065360), a [three-year postdoctoral position](#) (ref. 30065361) and a [three-year PhD fellowship](#) (ref. 30065360) in epigenetics of fish domestication are available at the Faculty of Biosciences and Aquaculture (FBA), Nord University (Bodø, Norway).

FBA invites applications from outstanding candidates for the above positions within the project Innovative Epigenetic Markers for Fish Domestication (EPIFISH), which has been recently funded by the EU H2020 excellence programme [ERC consolidator grant](#). The project leader, Professor [Jorge Fernandes](#) is affiliated with the Strategic research group marine genomics.

EPIFISH summary

*Aquaculture is the fastest growing food production sector in the world, since there is an increasing demand for fish protein to feed a growing global population, which cannot be met by fisheries. In order to ensure the sustainability of this sector it is critical to domesticate and selectively improve the major commercial fish species. EPIFISH is a timely project that will address fish domestication and selection from a new perspective using a multidisciplinary approach. The rapid pace of substantial phenotypic changes during adaptation to new environmental conditions in fish undergoing domestication raises the hypothesis that epigenetic mechanisms are involved in this process. Thus, the overarching aim of EPIFISH is to ascertain the importance of epigenetics in fish domestication using the Nile tilapia (*Oreochromis niloticus*) as model species. The project outcomes will provide novel mechanistic insights into the role of epigenetics in fish domestication, which will surely open new horizons for future frontier research in epigenetics, namely transgenerational inheritance and nutritional epigenetics.*

Additional information about the positions, including qualifications, requirements, salary and how to apply can be found at <http://www.nord.no/en/about/jobs>.

Contact persons

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Deadline for applications: Monday, 14th March 2016.