The Faculty of Agricultural and Environmental Sciences (AUF) of the University Rostock and the Leibniz Institute for Farm Animal Biology (FBN) jointly invite applications for the position of

W2-Professorship in “Molecular Biology and Fish Genetics”

at the earliest possible date (within budget considerations) in accordance with the Thuringian Model.

Areas of responsibility:

- Research on the molecular basis of production-relevant performance of domestic fish species in aquaculture, with particular reference to resilience, with genomic, genetic and epigenetic approaches in vivo as well as in vitro
- Research and development of reliable molecular bio-indicators and molecular tools for the evaluation of animal health and animal well-being, as well as breeding approaches under aquaculture conditions
- Research on the physiological effects of dietary factors and other conditions on major traits of fish
- Conception and further development of innovative research topics for aquaculture and fish genetics
- Collaboration on the conceptual design and development of the course of study on aquaculture at the Interdisciplinary Faculty of the University of Rostock

The candidate shall, in particular, present proof of interdisciplinary research in the following fields:

- Molecular principles of fish breeding and -farming
- Genetic foundations of the production-relevant performance of fish, especially disease resistance, fish health and growth
- Investigation of the molecular and physiological fundamentals of dietary and other conditions on the trait expression of fish,

must develop and promote innovative research topics on the genome analysis of fish for the field of fish aquaculture,

will have the responsibility of collaborating on the conceptual design and further development of the aquaculture course of study at the Faculty of Agricultural and Environmental Sciences at the University of Rostock,

shall conduct lecturing activities in the discipline of aquaculture,

shall pursue existing scientific cooperation, in particular with the chairs at the Faculty, intensively, and continue it with state scientific institutions

has to fulfill teaching responsibilities of two weekly lecture hours at the University of Rostock.

The candidate should be a scientist with a postdoctoral qualification in the field of genetics and/or molecular biology, or be qualified in these fields through scientific achievements equivalent to a postdoctoral qualification,

shall have competence and experience in basic and application-orientated molecular-biological research on fish, backed up by publications and third-party funding,

should have experience in student training and leading research teams,

should have the capacity and organizational talent, together with a high level of personal commitment and innovation, to develop a research direction that functions on an interdisciplinary level.
At the same time, commitment to and experience of third-party fundraising is expected. We are looking for a person with a professional background that corresponds to the scope of the area of appointment.

The professorship, in close cooperation with the FBN, is responsible for the management of a Working Group on Fish Genetics in the Institute for Genome Biology at the FBN.

Additional Information:
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Qualifications are as per § 58 of the Higher Education Act of the State of Mecklenburg-Vorpommern (LHG M-V): completed university studies, doctoral degree, post-doctoral thesis ("Habilitation"), teaching experience or equivalent qualifications, usually earned within the context of junior professorship.

A special focus is placed on academic achievement and teaching qualifications as well as on scientific organization and academic administration. For this reason candidates should describe previous teaching results, ideas regarding future teaching (including didactic lesson planning) and their prior experience in academic and scientific management. In addition, candidates are expected to have experience and interest in developing programs that can attract and maintain external funding.

The professorship will be filled with a private-law contract at the FBN in Dummerstorf with payment and activity calculated on a W2 salary for professors. The holder of the position is simultaneously appointed as a W2-Professor at the University of Rostock according to the Thuringian Model as per § 59 (7) LHG M-V.

The University of Rostock is committed to their university management guidelines.
The University of Rostock is especially interested in promoting women within the context of § 7 (3) of the Gender Equality Act, and therefore specifically encourages applications from qualified women. Disabled applicants will be given preference if all other qualifications are essentially equal.

Applications with the usual documents (full CV, a complete list of academic and professional background, publications, teaching experience, any additional qualifications, a summary of grants and sponsored research activities and a description of future research plans) should be sent no later than 30 November 2017 to the University of Rostock, Dean of the Faculty of Agricultural and Environmental Science, Justus-von-Liebig-Weg 6, 18059 Rostock in double version or by Email to dekan.auf@uni-rostock.de.

Application costs cannot be reimbursed by the State of Mecklenburg-Vorpommern.