15 hp project work: Evaluation of behavioural test to study anxiety in Zebrafish

The research group of Behavioral neuroendocrinology is studying anxiety, social hierarchies, memory and learning in Zebrafish. As we speak, the fish lab is undergoing expansion, both within behavioural tests as well as improving the facilities where the research is done.

To be able to do high quality research about anxiety it is of great importance to have accurate tests. These need to distinguish between anxious and explorative individuals, as well as the more challenging distinction between anxiety and fear. We are now looking for someone who can help us evaluate a number of behavioural tests to see which one is the best for the purpose of studying anxiety. Amongst others, these will include open field, diving test, plus maze, social behavior and learning mazes.

In addition, you will be in charge of fish care.

The Zebrafish is a relatively new model organism within the field of behavior but there is a booming increase in the amount of literature using the species. There is a good chance that the results of the project will be published, giving you a head start into the world of research.

If you

- are interested in animal behaviour
- are accurate and precise in your work
- can work independently
- want to work in a fun and harmonic group of researchers with wide knowledge
- enjoy an occasional “fish-beer” in a pub/ kayaking/ BBQ

this could be an interesting project for you.

For more information, please contact

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