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University College Dublin (UCD) Zebrafish Facility Environmental Parameters: 2019

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ABSTRACT

Environmental factors and animal husbandry conditions are known to have implications in outcome of study results. To this end, environmental parameters (*i.e.* temperature, pH and conductivity) of our zebrafish facility are constantly monitored to ensure constant/limited variations to be introduced in the environment, and hence affecting our research studies. Our facility comprises of a recirculating water system with filtration, sterilization and automatic adjustment of water parameters (pH, conductivity, temperature) with a capacity of over 4,000 litres of water, it houses over 20,000 adult fish in 1-, 3-, and 10-litre tanks. A separate nursery system houses up to 12,000 larvae aged from 6 to 30 days post fertilisation.

We have included information of our facility and key parameters measured for our zebrafish lines housed in University College Dublin for the year 2019. These conditions are applicable to all recent peer-reviewed articles published by our group.

ATTACHMENTS

[UCD zebrafish facility environmental monitoring_2019.pdf](#)

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KEYWORDS

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