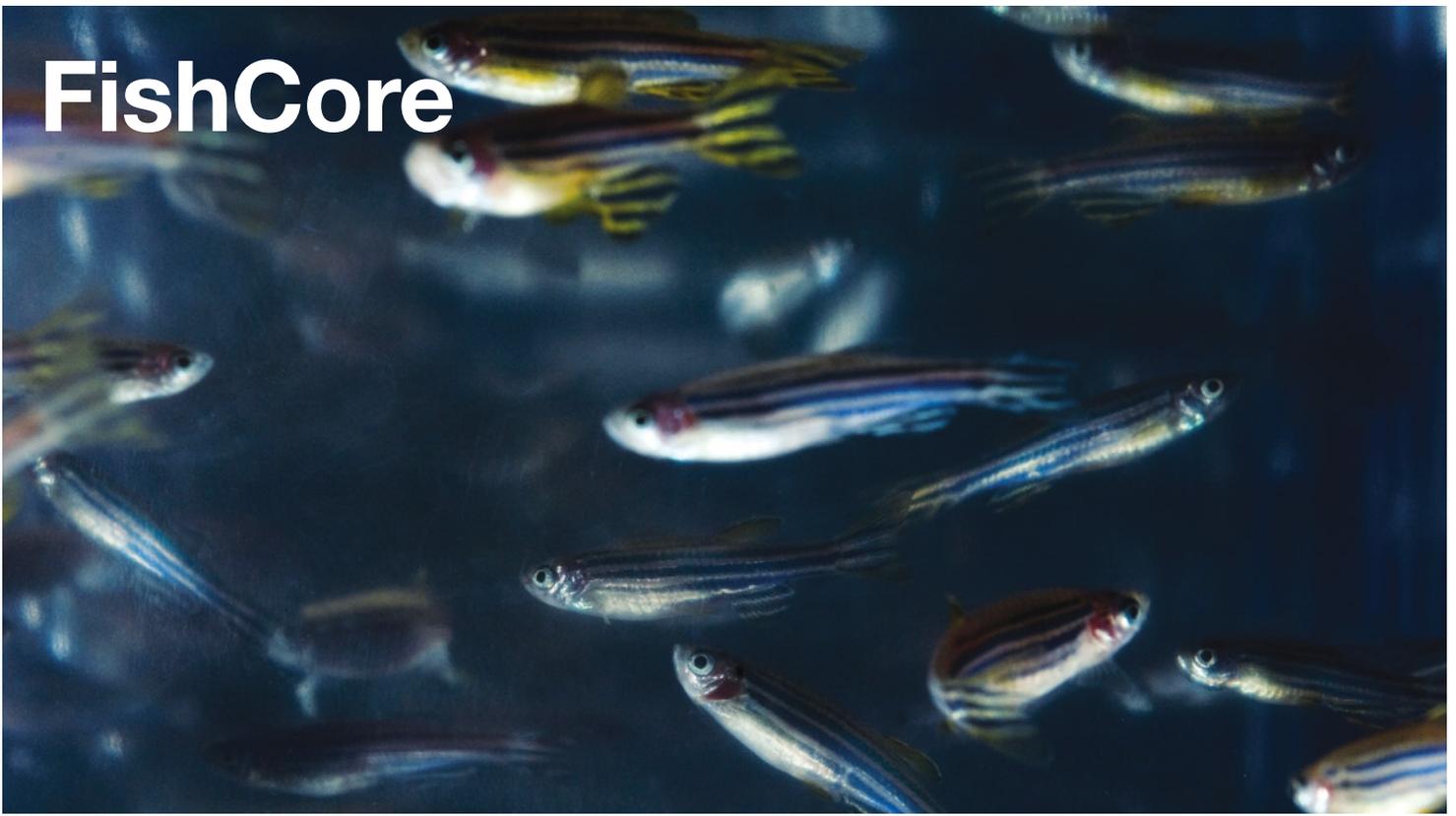


FishCore



The ARMI FishCore facility is the largest zebrafish facility of its kind in the southern hemisphere, consisting of 1000 quarantine tanks and 5200 main facility tanks (non quarantine). FishCore has the capacity to meet the needs of ARMI, Monash University and the external biomedical research community. It houses genetically modified and mutant strains of zebrafish that model a variety of human diseases and conditions. Additional services include a sperm freezing and rederivation service for any long term storage requirements. FishCore is an approved PC2 QAP quarantine facility for strains that require international importation. As such it can offer a comprehensive importation service relieving researchers of the regulatory requirements and paper work associated with importation. FishCore is also currently running a pilot system to house axolotl and shark embryos for research, with the intention of developing larger scale facilities in the future.



Microscope facilities



Zebrafish breeding



Training services



Zebrafish agistment



Zebrafish importation



Cryogenic freezing



MONASH University



Mission statement: FishCore's mission is to provide a range of world-class services, including the breeding and handling of zebrafish and zebrafish embryos, access to microscope facilities and training, to meet the needs of ARMI, Monash University and the external biomedical research community.

Breeding, agistment and importation and exportation of zebrafish strains

FishCore provides purchasing, PC2 breeding and agistment of zebrafish strains as well as international and interstate importation and AQIS approved quarantining of zebrafish strains.

Production and cryogenic freezing and rederivation of zebrafish strains

FishCore provides zebrafish wild type, transgenic and mutant embro production and cryogenic freezing and rederivation of zebrafish strains.

Access to microscope facilities

FishCore offers users access to phenotyping microscopes and their injection rigs as well as access to the microscope facility containing high end dedicated confocal microscope, and live imaging microscopes.

Training services

FishCore provides training in the use of zebrafish as a research model and offers training in the use of microscopes within the FishCore microscope facility.



Contact

Facility Manager

Dr Jan Kaslin

Dr Jan Kaslin has used zebrafish as a model organism in neurobiology for twenty years. He has extensive experience in the management of research and zebrafish work in different large-scale facilities (Abo Akademi University, Max Planck Institute of Molecular Cell Biology and Genetics Dresden, Biotechnology Centre/Centre for Regenerative Therapies Dresden). Jan is an expert in a large range of techniques relevant for zebrafish research from the generation of genetically modified zebrafish and live imaging to the behavioural analysis.

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