

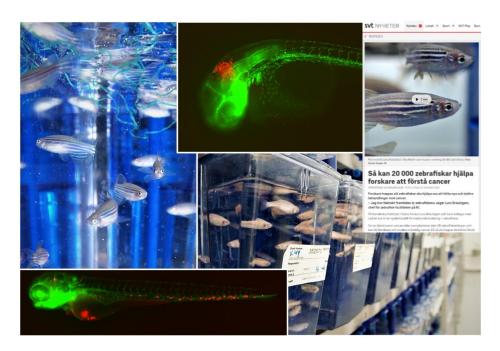
A new NordicZebrafishNetwork

Education, harmonization and cooperation



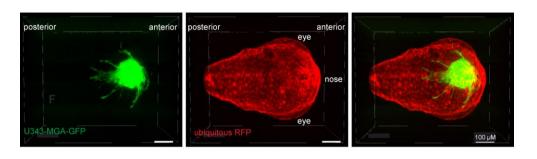
The zebrafish core facility at KI

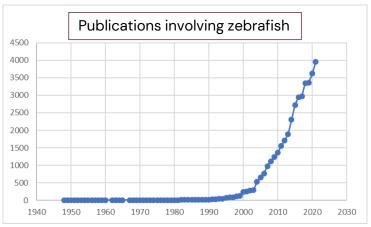
- We are a team of seven staff and one designated veterinarian
- We provide service from husbandry to managing complex research projects
- We serve ca 50 user groups and process around 1000 orders a year
- We lecture, teach and communicate to the public



The zebrafish animal model

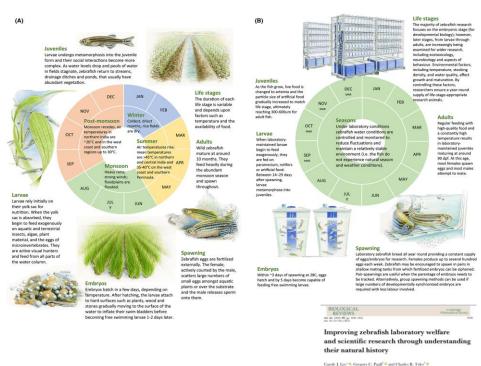
- Widely used in research since ca 1990
- 2nd most used animal model in the EU
- Used in basic research, translational research and pre-clinical research
- Important part of a 3R strategy





Husbandry and science – far from being standardized

- The husbandry of zebrafish is easy – but very hard to standardize
- No education on zebrafish for animal caretakers available
- Many fish facilities are run by researchers and are not professional animal facilities



Harrison, Gagliy Pipe Balding, I belowing of Koom, Stellar Bood, Koom, ESF $H(\mathcal{G}), U.K.$

What can we do about it?

- We were leading a new working group and established a zebrafish specific and harmonized Felasa-A course. Since 2023, this course is available to the NCLASET consortium in Sweden.
- Together with the NordUniversity Bodö, we jointly organized the first zebrafish husbandry course in November 2023 at Karolinska Institutet
- Together with the NordUniversity Bodö, we jointly organized the Nordic Zebrafish meeting 2023

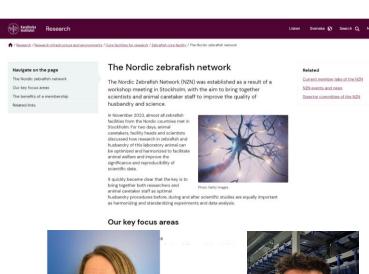
The annual hands-on zebrafish husbandry course

- An annual course specifically for people working hands-on with zebrafish husbandry
 - → Rearing of zebrafish
 - → Water quality and housing conditions
 - → Analgesia and euthanasia
 - → Small surgical procedures
 - → Cryopreservation and IVF
 - → Problem solving and emergency planning



The NordicZebrafishNetwork

- A network for all that work with zebrafish in the Nordic countries
 - Bring together husbandry staff, facility heads, veterinarians and scientists
 - → Establish 3R strategies
 - → Facilitate knowledge sharing
 - → Work on standardization







Karolinska Institutet – a medical university 05/06/2024

The NordicZebrafishNetwork activities in 2024

- Building the Network and establishing the homepage
- Organizing the annual husbandry course at Karolinska Institutet in November 2024
- Organizing the Nordic Zebrafish Meeting at Karolinska Institutet in November 2024



