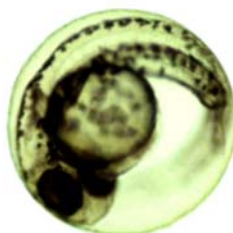
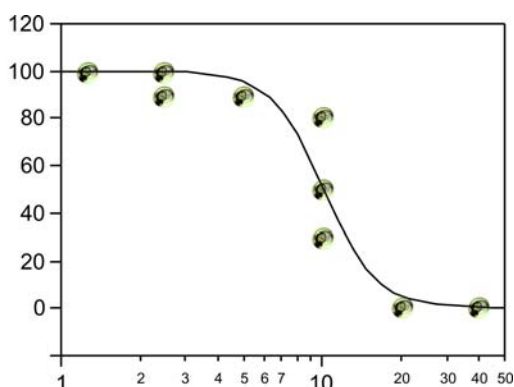


# The zebrafish embryo model in toxicology and teratology

2.- 3. September 2010, Karlsruhe, Germany

An international workshop



## Scope

The zebrafish, an established model in developmental genetics, is gaining increasing popularity in the area of toxicology, both in research and potential regulatory application. Particularly the use of embryos exhibits a number of advantages which make this model superior and/or complementary to others. Embryos are considered as alternatives to animal testing. While providing an ethically acceptable small scale analysis system they provide the complexity of a complete organism. The transparent embryos and a suite of available advanced methodology allow various types of experimental approaches ranging from phenotypic observations to toxicogenomic analysis.

This is the first international workshop that aims to bring together scientist using the fish embryo model in the context of toxicology and teratology. **Keynote speakers** will provide insight in the latest advancements in **high throughput analysis, toxicogenomics and regulatory acceptance** as replacement for animal experiments. Discussion groups will allow to identify major advantages, limitations and future research needs of the zebrafish embryo model and to establish collaborations.

## Contributions welcome

Contributions from participants, both poster presentations and a limited number of short platform presentations are welcome. These presentations can cover one of the following topics: ecotoxicology (acute and chronic toxicity, bioconcentrations, endocrine effects, effluent testing), neurotoxicity, toxicogenomics ('omics'), high throughput technologies, functional genomics, human toxicology screening, teratogenicity, nanotoxicology, regulatory toxicology, and ethics/animal welfare. Of course models using other fish species than zebrafish are of interest as well.

## Registration

Further information, instruction on the registration, programme overview and information on the conference venue and hotels are available via the following website:

<http://www.zebrafish-embryo.net>

For further questions please contact Stefan Scholz, Helmholtz Centre for Environmental Research, Leipzig, Germany ([stefan.scholz@ufz.de](mailto:stefan.scholz@ufz.de), +49 341 235 1080)

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