



We use zebrafish embryos as a model to study human infectious diseases

With fluorescent colors we can visualize the cells of the zebrafish immune system

Microscopy imaging helps learning how immune cells engulf and fight harmful microbes

We develop zebrafish models to screen new drugs for human disease treatment

FishForPharma: Training Network on Zebrafish Infection Models for Pharmaceutical Screens.

FishForPharma is a Marie Curie Initial Training Network funded by the 7th Framework People Programme of the European Commission.

Main objectives

- To exploit zebrafish as a high-throughput model for human infectious disease research and drug development programmes.
- To train a new generation of young researchers with multi-disciplinary skills to introduce zebrafish models into biomedical science and pre-clinical drug screening.

Participants

FishForPharma brings together leading European research groups and partners from the Biotech and Pharma sectors from 5 EU member states. They combine forces to direct their expertise to the application of zebrafish models for human infectious disease research and high-throughput drug screening.

Marie-Curie Fellows

11 PhD students and 3 early stage post docs participate in the FishForPharma research and training programme. They all conduct original research projects in the area of infectious disease research using the zebrafish as a model system. Network-wide workshops and transfers between research teams in the network will give them excellent training opportunities and enhance their career prospects.

www.fishforpharma.com

Coordinating organisation:

Institute of Biology, Leiden University, The Netherlands

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Project duration:

Four years starting from January 2012

