



# The Neurotox Laboratory

Wlodkowic Lab

**R&D SERVICES: New Bioassays – Biomicrofluidics – Automation**

## About us

The Neurotox Laboratory collaborates with academic and industry partners to develop bespoke solutions for user-driven bioassays in: toxicology, cell biology, drug discovery and risk assessment.



## Expertise

We have unique expertise and state-of-the-art laboratory capabilities in development of:

- biomicrofluidic systems for cells, embryos and small aquatic model organisms such as e.g. zebrafish,
- integration of fluidic and control systems for accelerated bioassays,
- high-throughput video-based analysis of animal behaviours,
- imaging cytometry and real-time bioassays on living cells.

## Services

We offer laboratory services in:

- custom project design
- computer assisted design
- virtual modelling
- rapid prototyping incl. 3D printing
- prototype fabrication and optimization



We have in-house capabilities for:

- Computer Assisted Design (CAD)
- Simulations in virtual space
- Laser micro-machining
- Photolithography
- Stereolithography
- Soft lithography
- Microscopy & topology analysis
- Embedded control systems

## Contact

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