

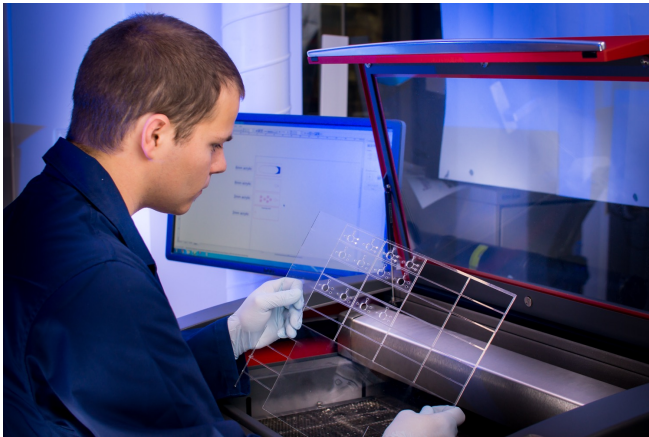
# The Neurotox Laboratory

Wlodkowic Lab

Advanced Research & Development

## About us

The Neurotox Laboratory collaborates with academic and industry partners to develop bespoke new technologies for user-driven applications in toxicology, water quality sensing and drug discovery.



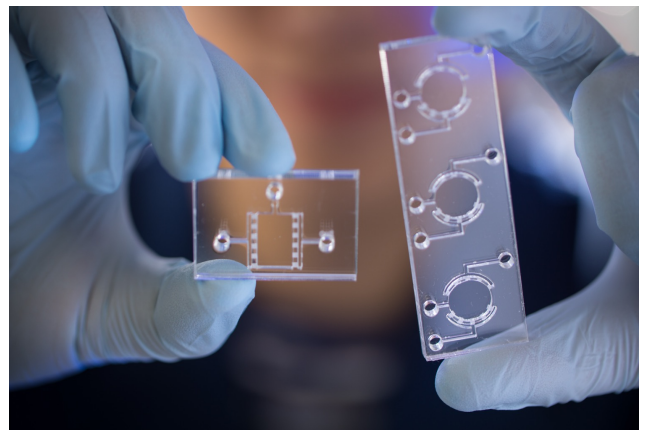
## Expertise

We have unique expertise in designing bespoke bioanalytical technologies including:

- infrared camera systems for analysis of aquatic animal behaviour,
- programable stimuli actuation in sensory-motor biotests,
- video-based animal tracking,
- microperfusion systems,
- living embryo microarrays.

## Capabilities

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



## Services

We offer laboratory services in:

- concept prototype design
- computer assisted design
- virtual modelling
- rapid prototyping
- prototype optimization & fabrication

## Contact

Head of Laboratory

Professor Donald Wlodkowic

E-mail: [donald.wlodkowic@rmit.edu.au](mailto:donald.wlodkowic@rmit.edu.au)

Web: [www.neurotoxlab.com](http://www.neurotoxlab.com)