

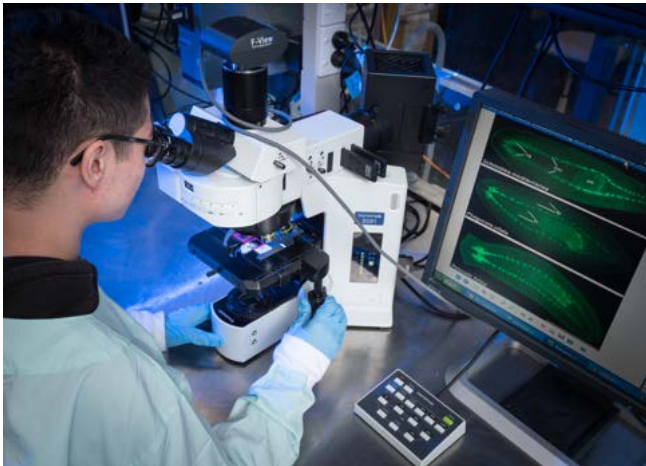
The Neurotox Laboratory

Wlodkovic Lab

SERVICES: Neurotoxicology – Drug Discovery – Preclinical Tests

About us

The Neurotox Laboratory is a fully integrated research facility uniquely specializing in neurotoxicology and high-throughput chemobehavioral phenotyping using small-model organisms such as zebrafish..



Expertise

We have significant know-how in rapid video-based chemobehavioral phenotyping, neurotoxicity biotests as well as diverse cellular/molecular bioassays aimed at:

- rapid activity prioritization of new chemicals,
- discovery and characterization of neuroactive chemicals,
- risk assessment of potential neurotoxicity side-effects.

Services

We offer laboratory services in:

- rapid neuro-behavioural profiling using diverse small aquatic model organisms
- neurotoxicity and developmental neurotoxicity zebrafish biotests
- cell and molecular bioassays



We specialize in:

- project planning & study design
- advanced analysis of neurotoxicity using high-throughput behavioural biotests with invertebrate and fish models
- development of custom neuro-behavioural test protocols
- analysis of apoptosis, cell cycle disturbances as well as markers of DNA damage

Contact

Head of Laboratory

A/Prof Donald Wlodkovic

E-mail: donald.wlodkovic@rmit.edu.au