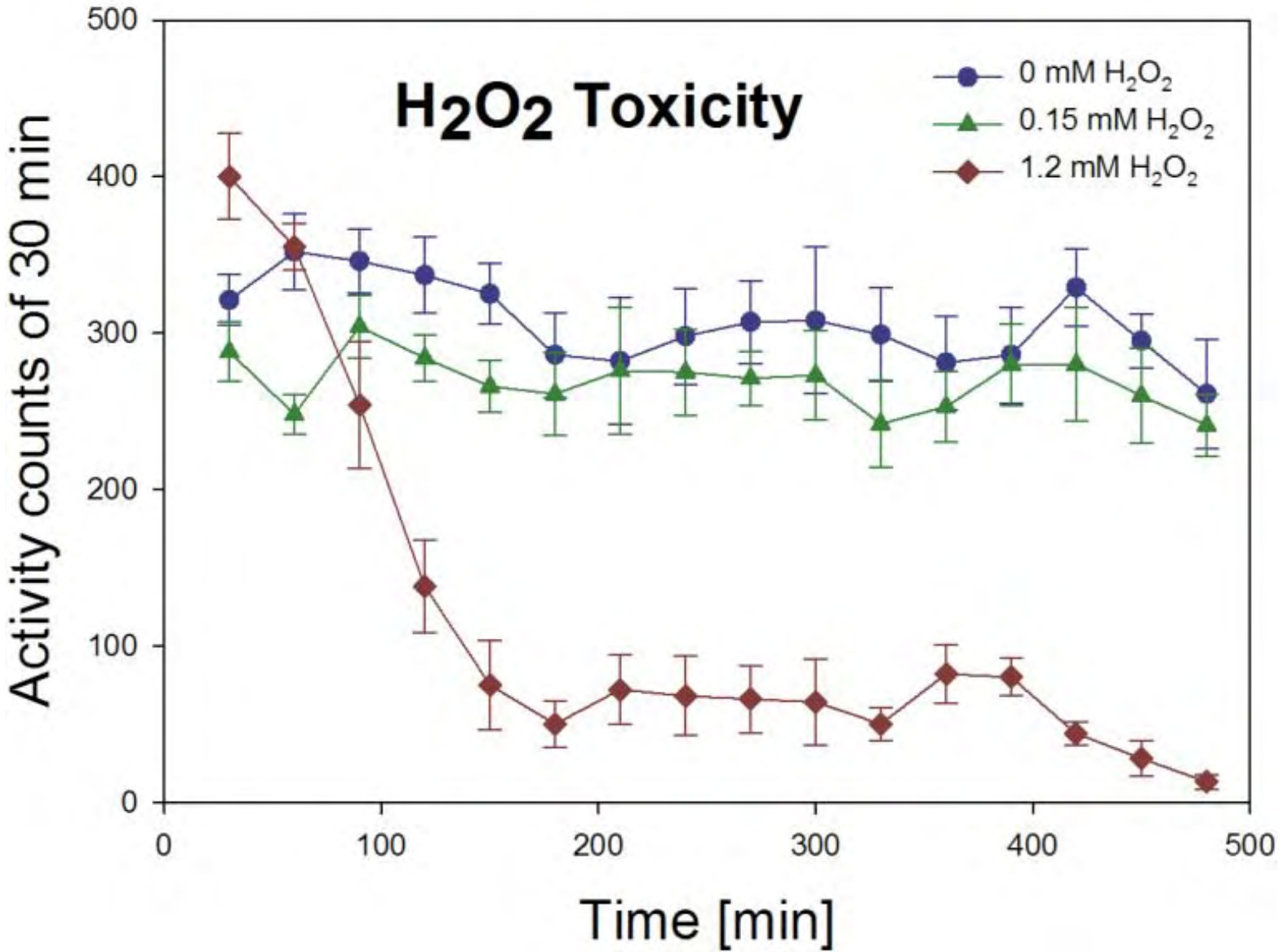
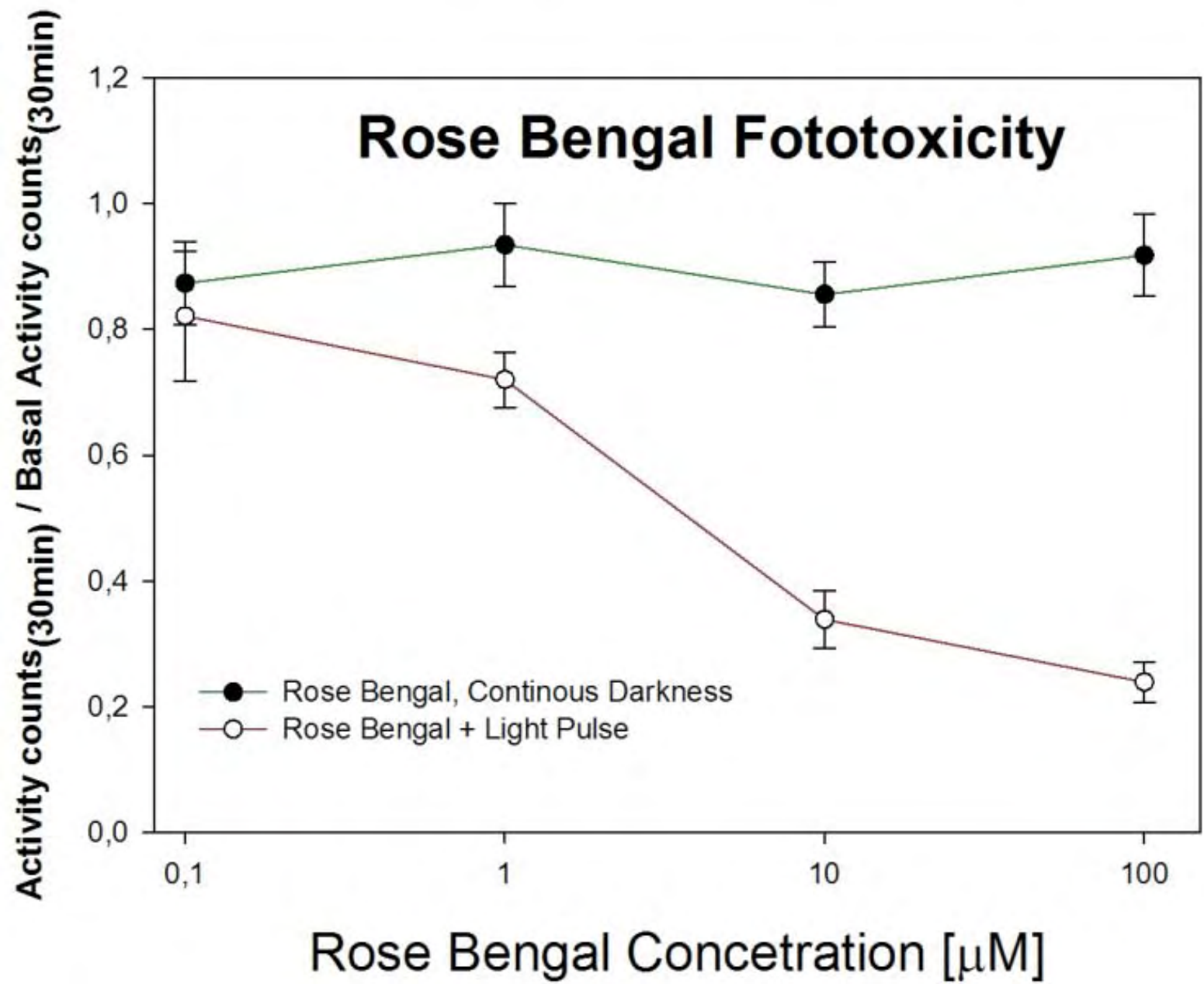


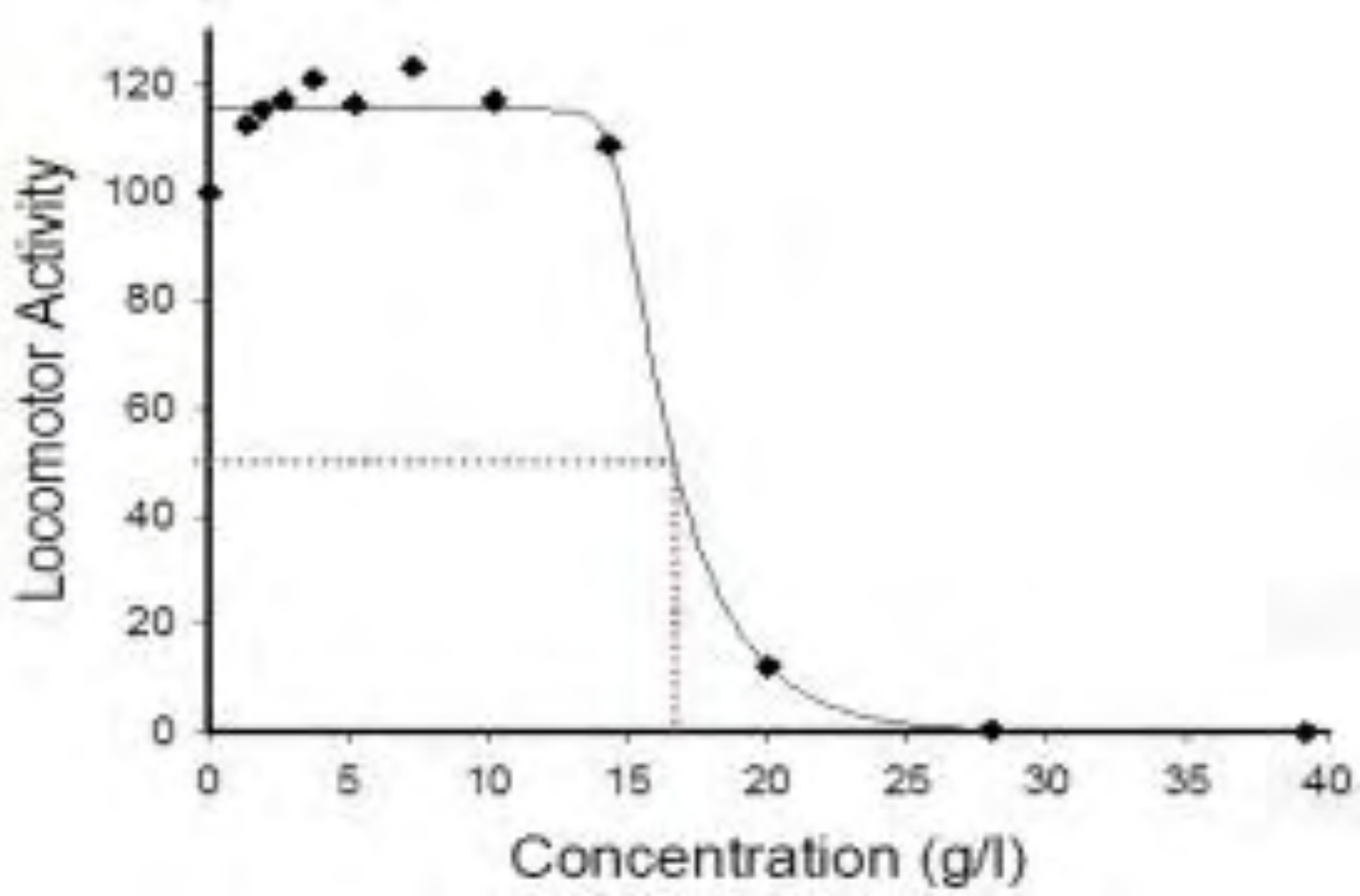
WMicrotracker INDEX:

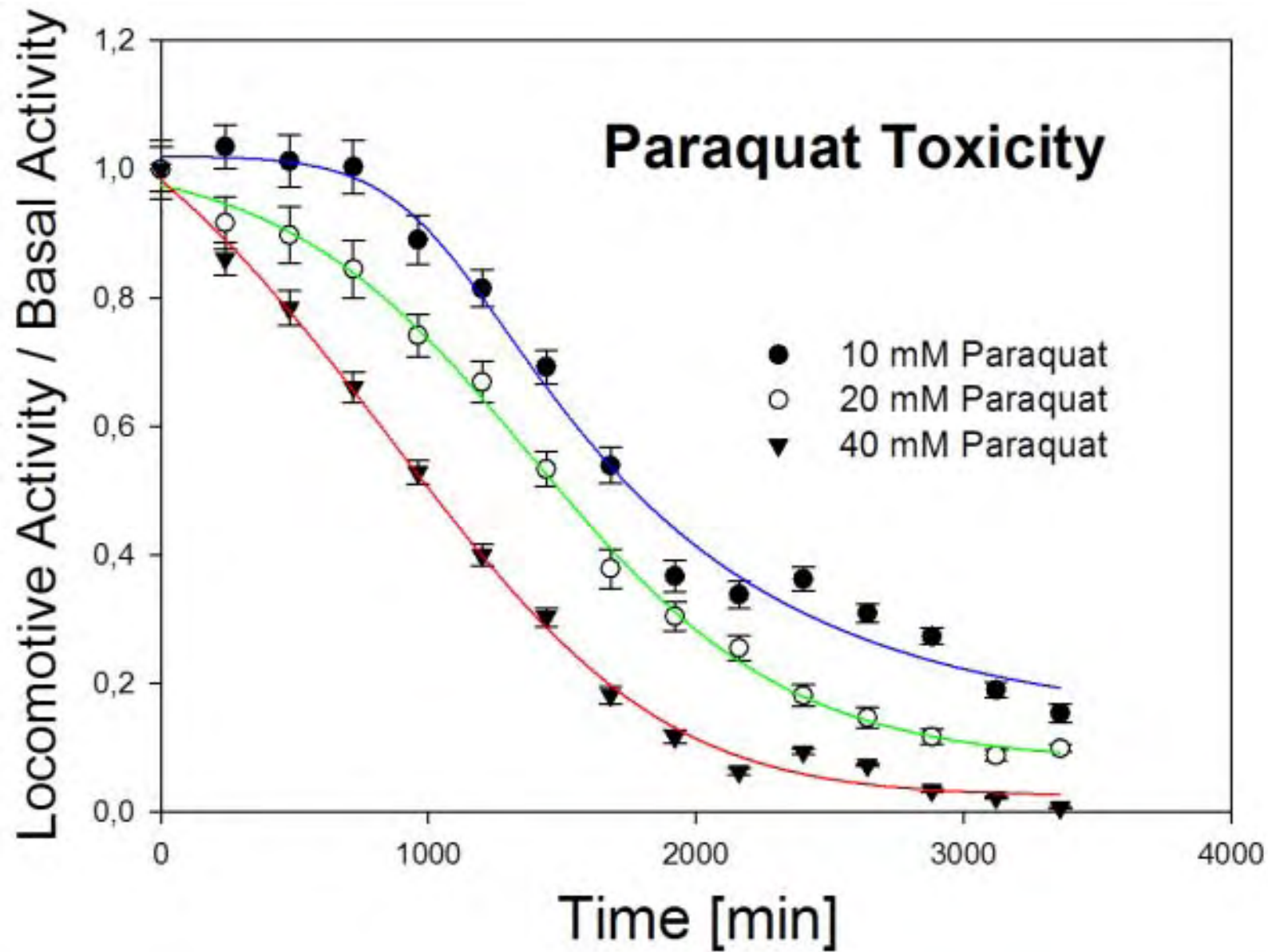
- Toxicity experiments
- Antioxidants
- Aging (healthspan)
- Paralysis
- Egg hatching
- Molting (quiescence)
- Chemotaxis in agar
- Path tracking (6well plate)
- Other animals
- Hardware

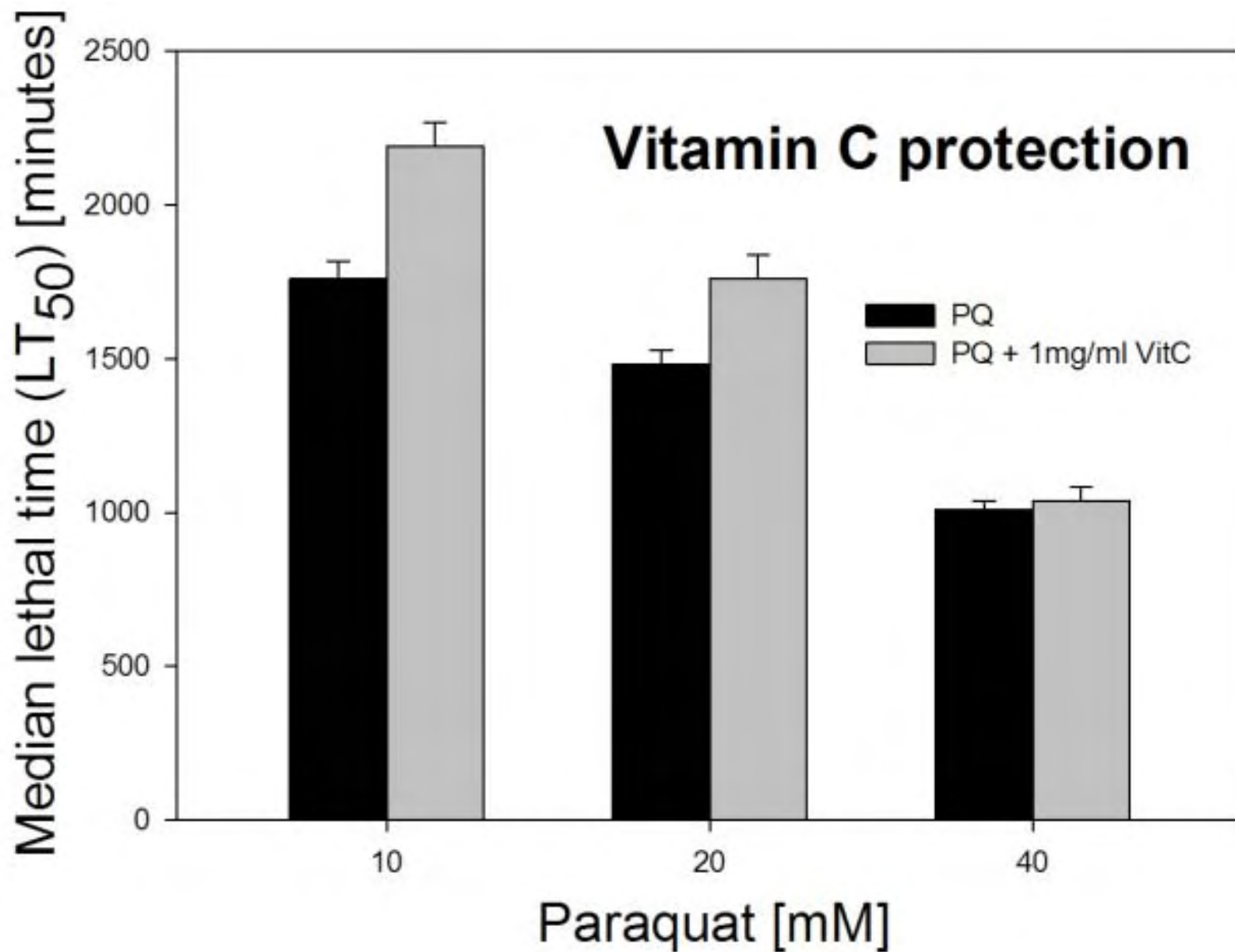


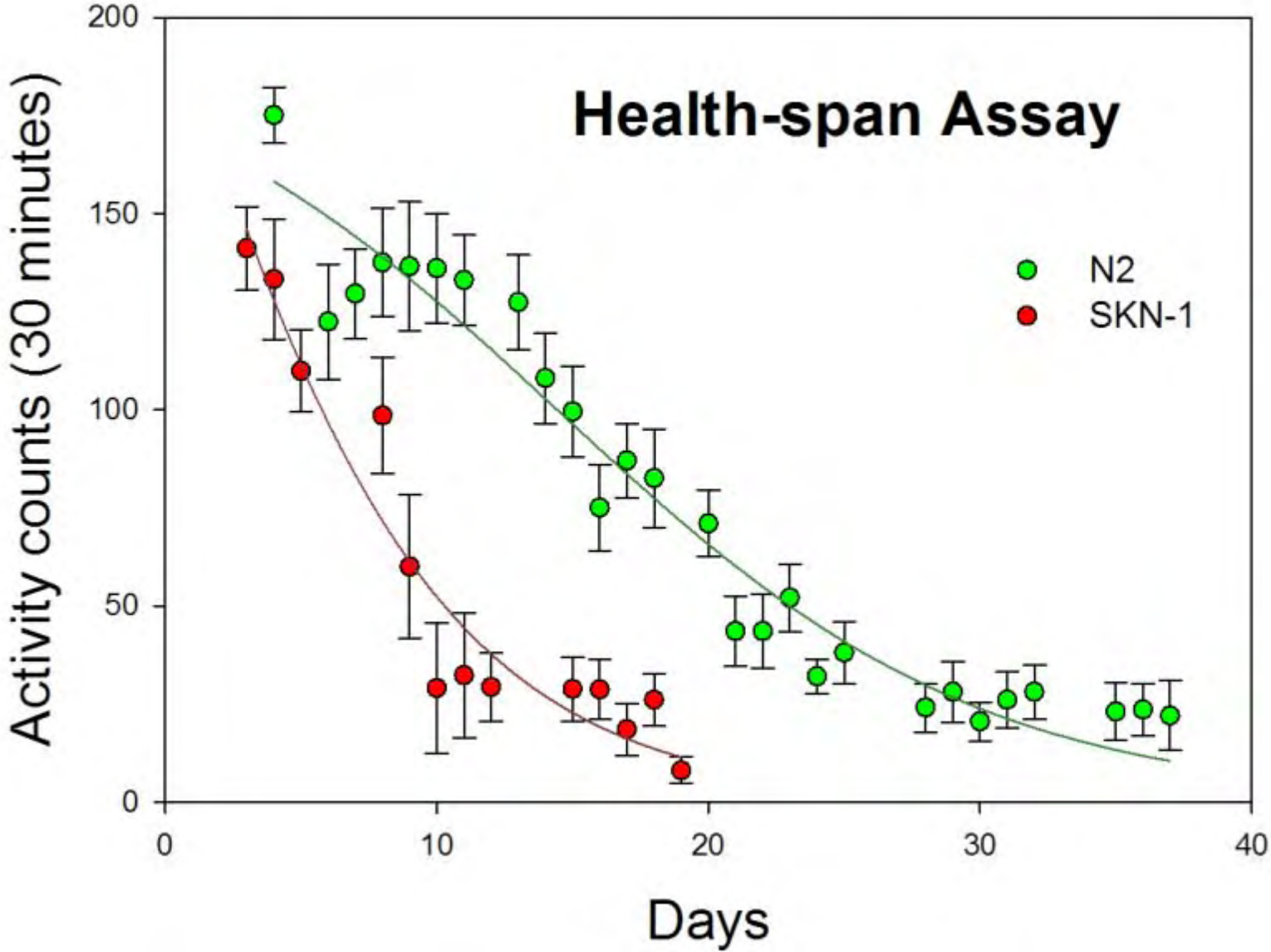


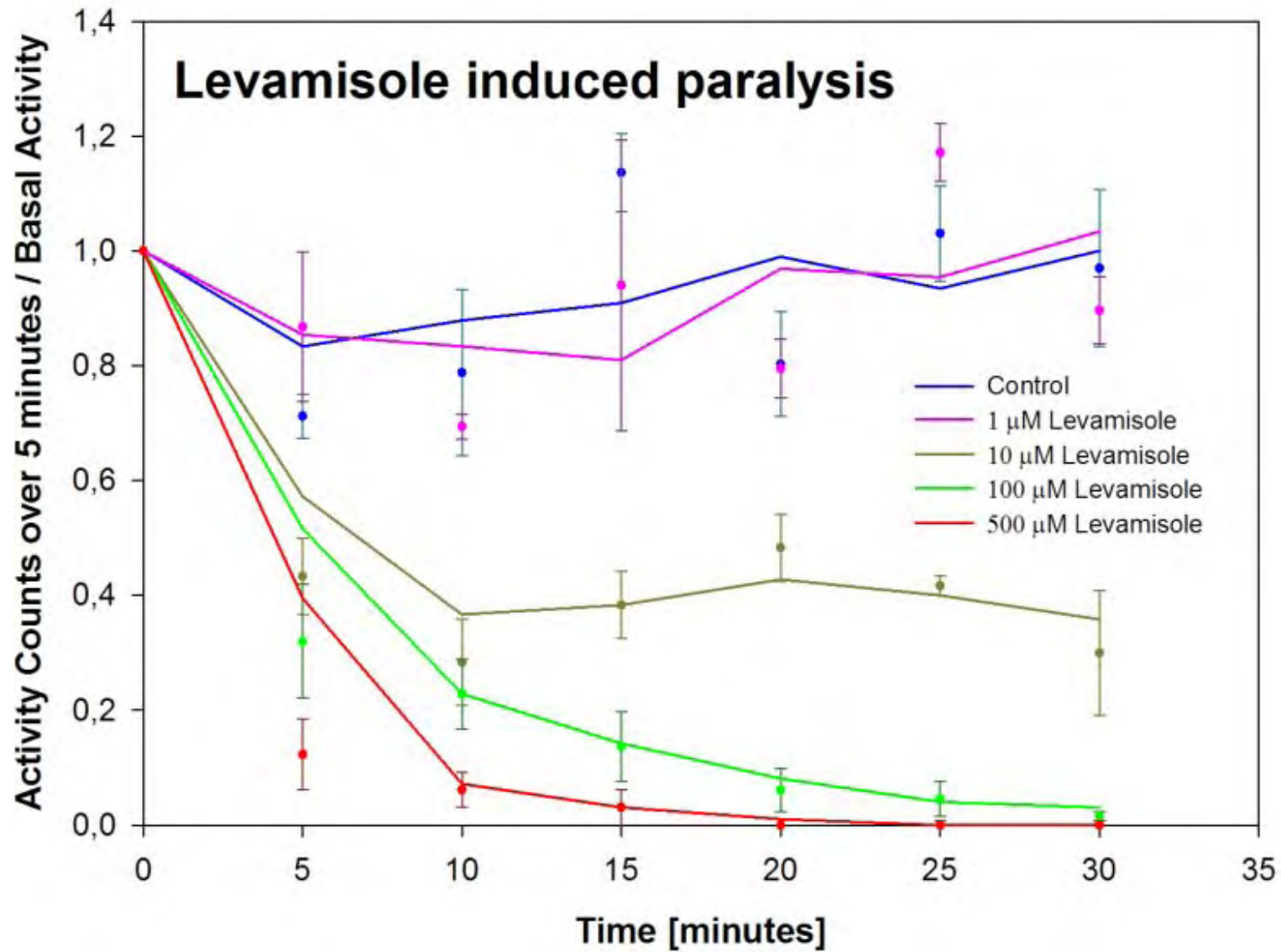
Salt toxicity assay (KCl)

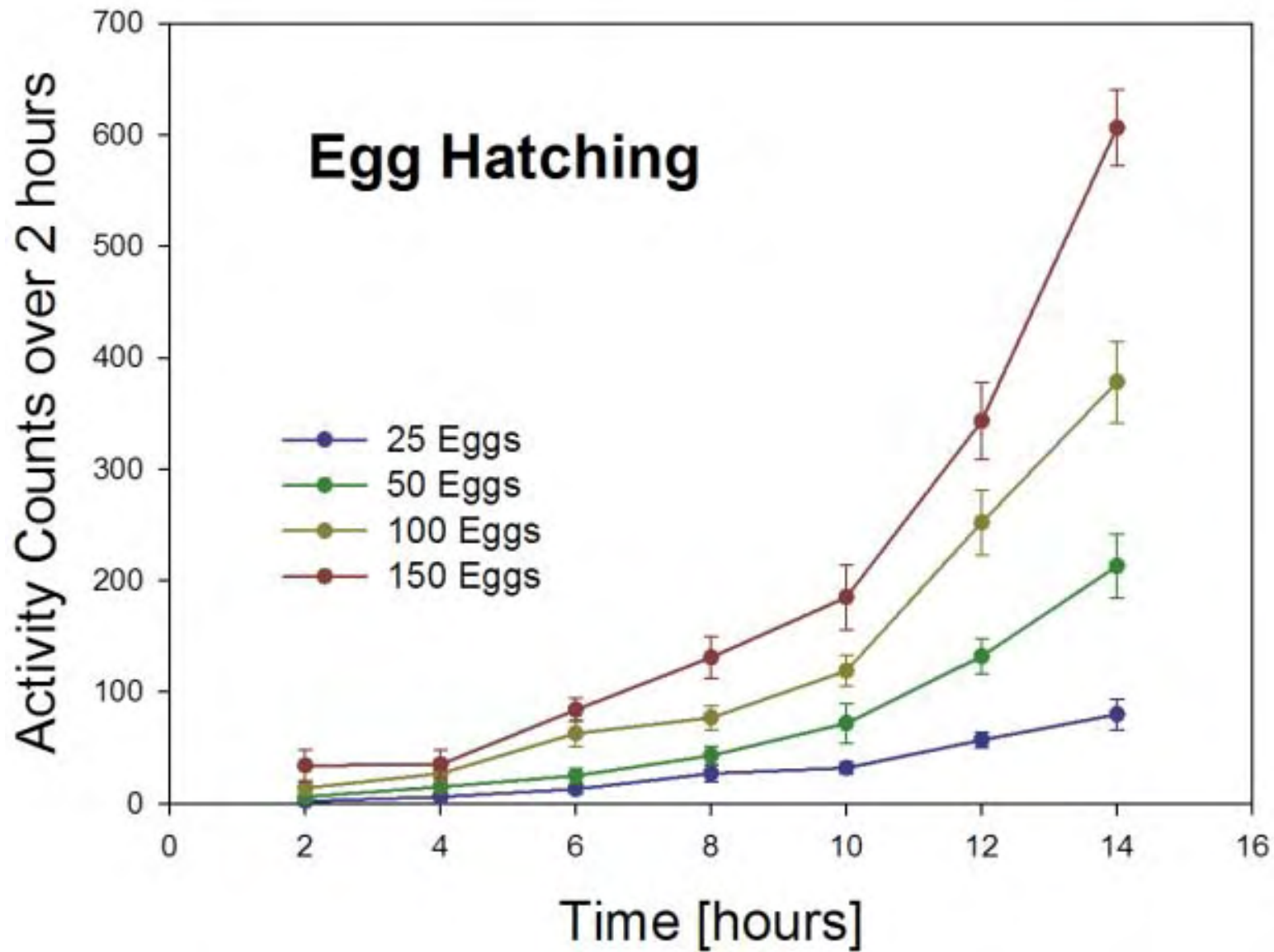


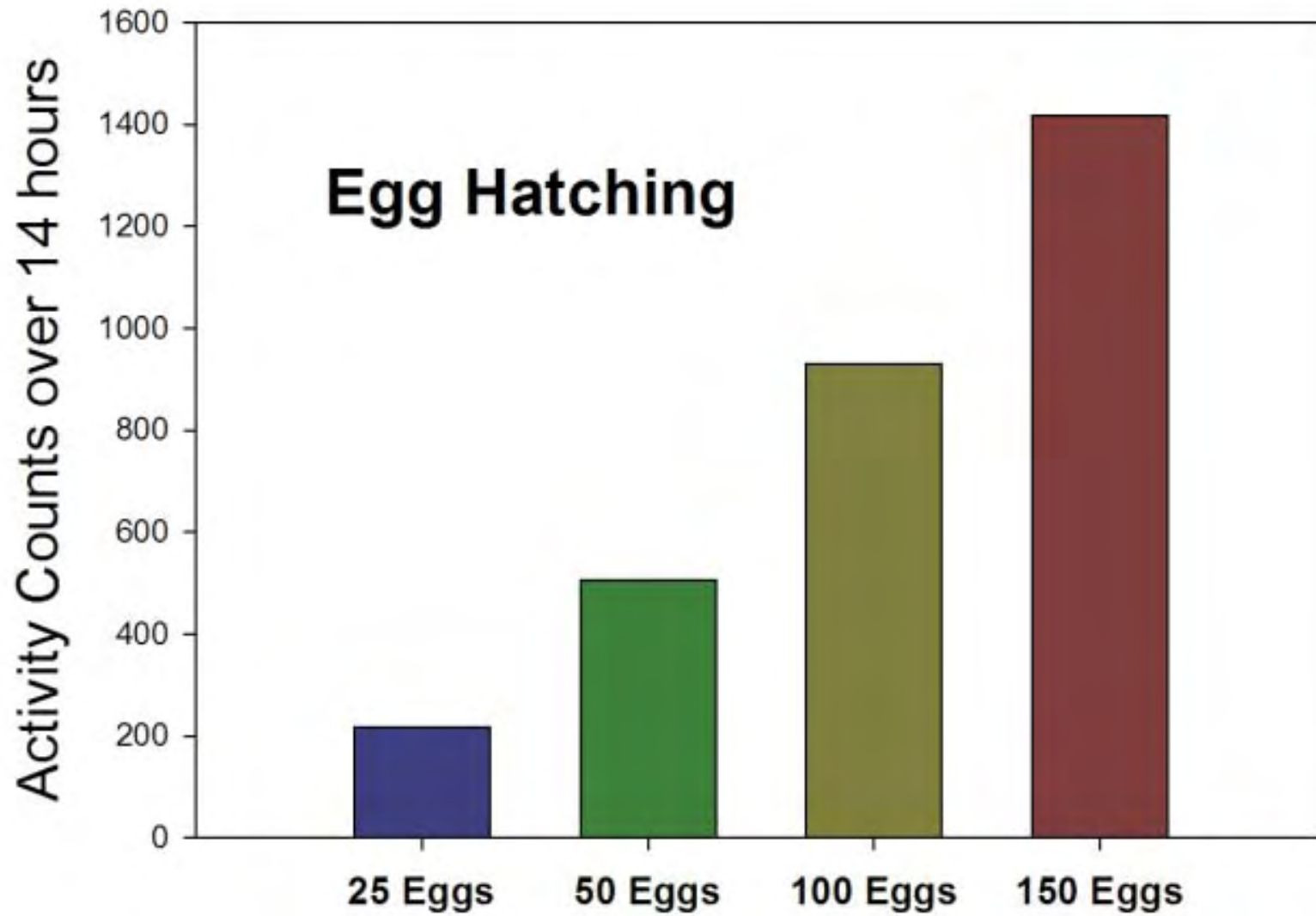


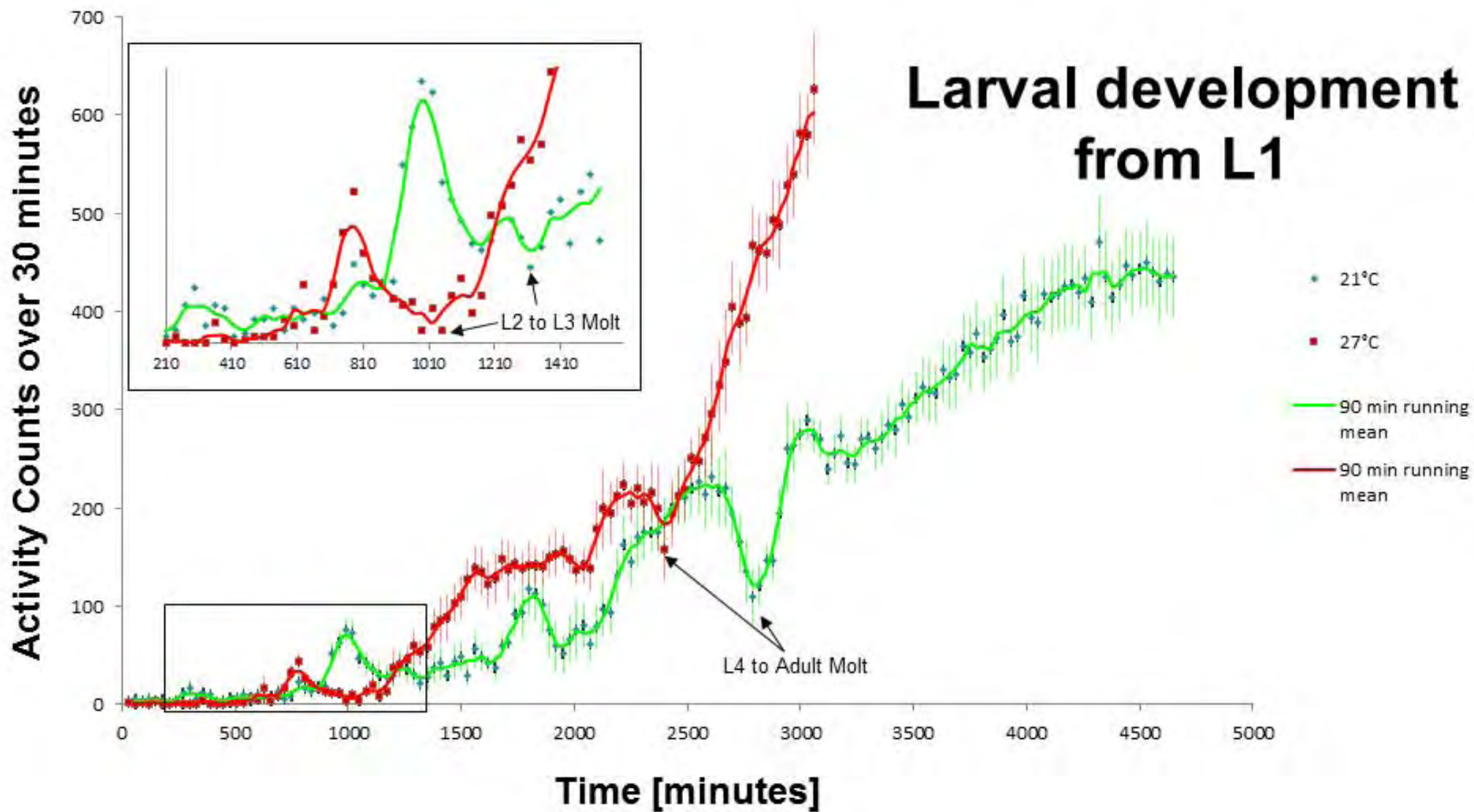


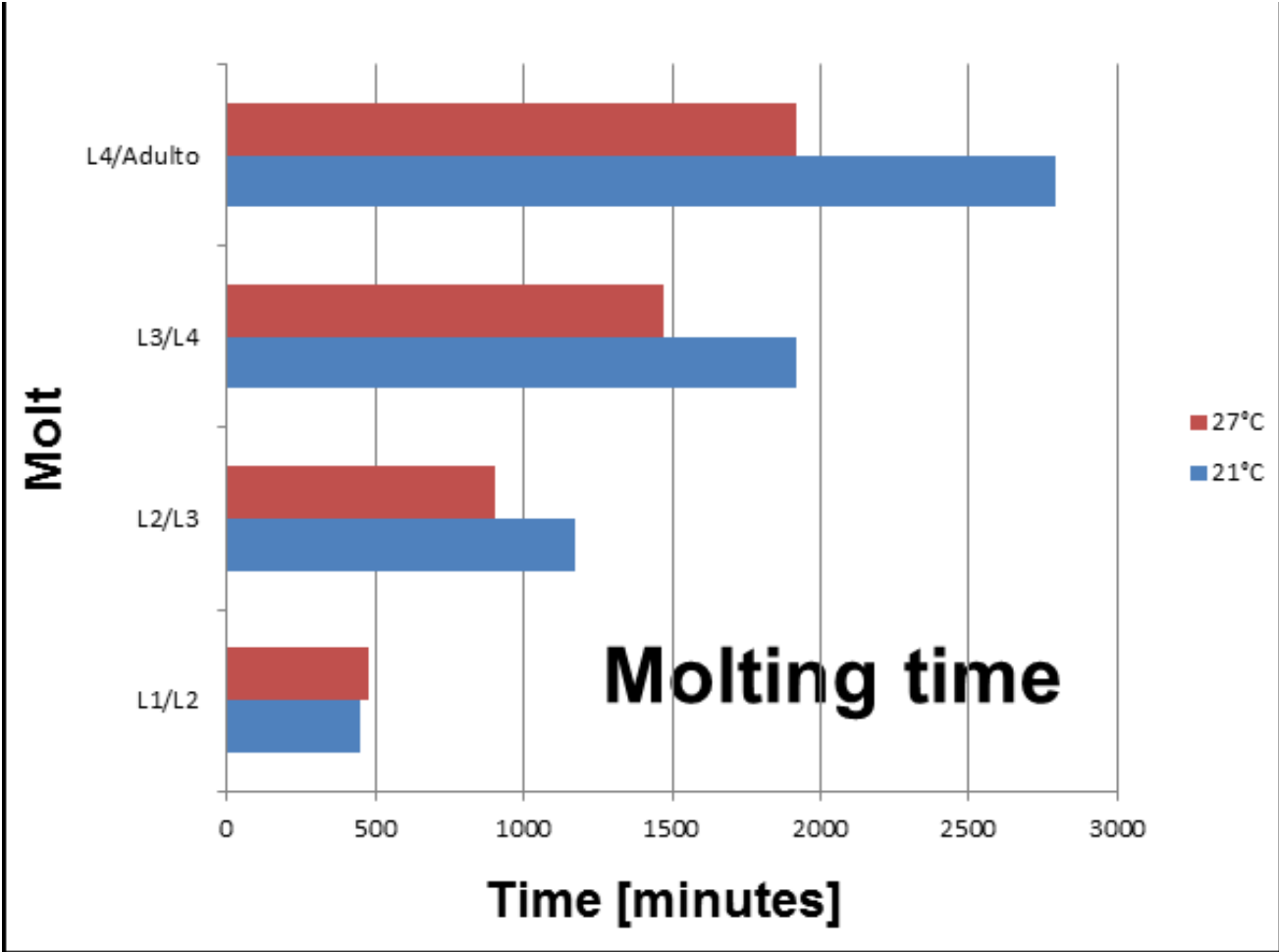




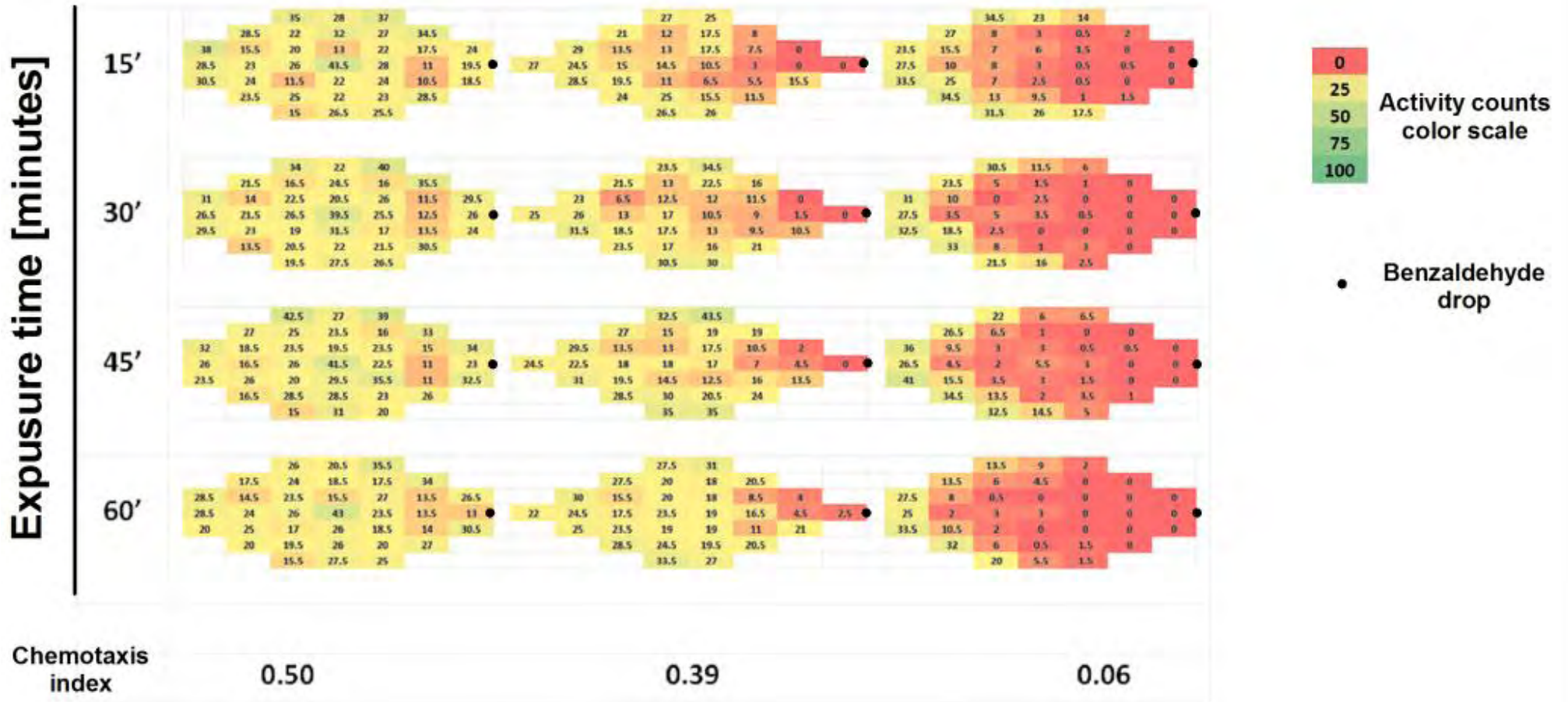


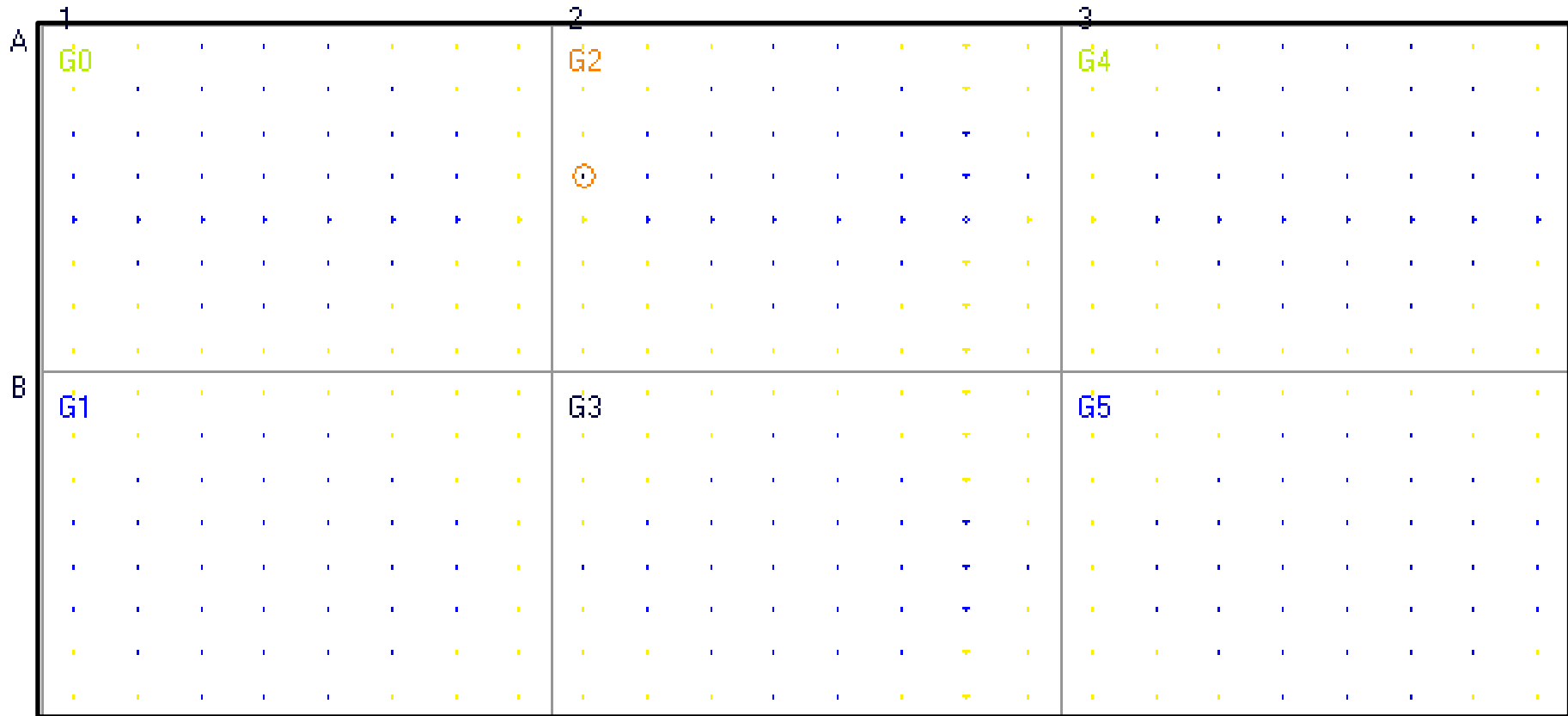




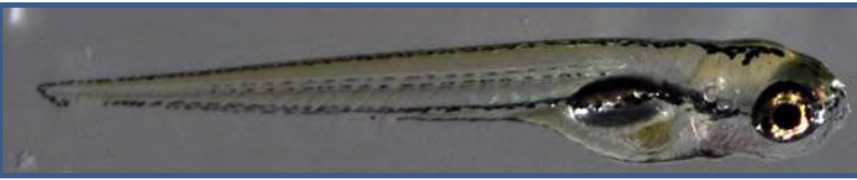


Benzaldehyde dilution





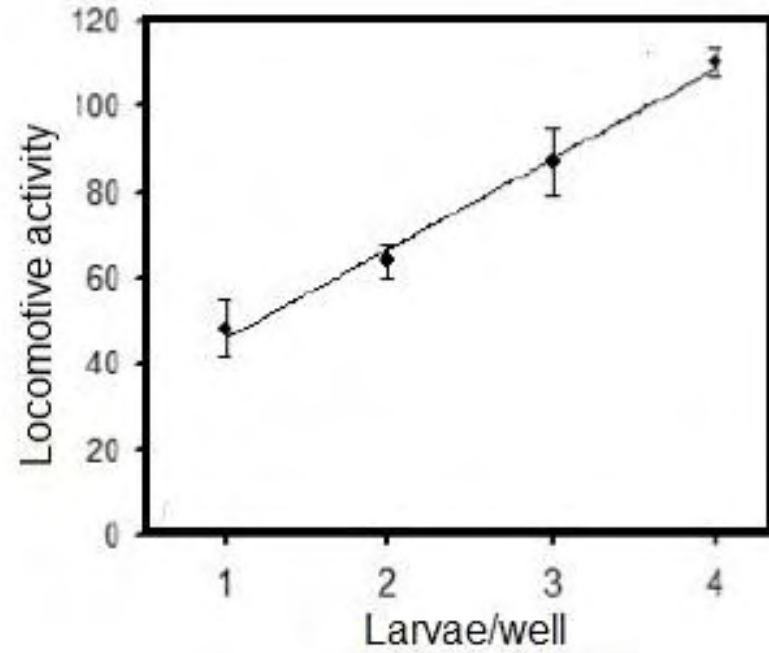
<http://www.youtube.com/watch?v=6pW985NKC8s>



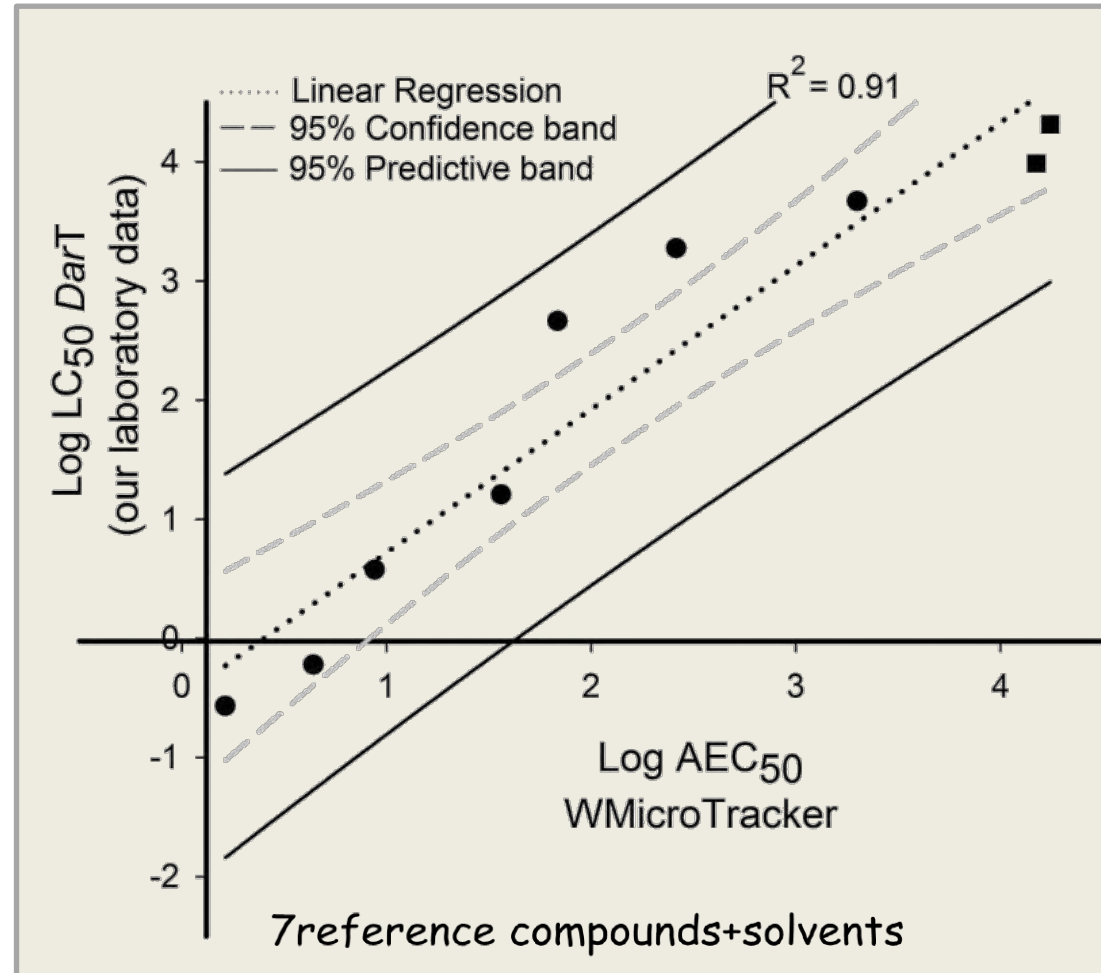
Danio rerio larvae
Size: 1-3mm

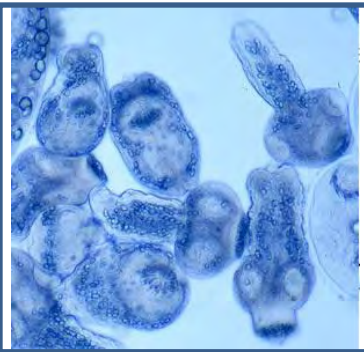
OTHER ANIMALS

Detection linearity



Assay validation

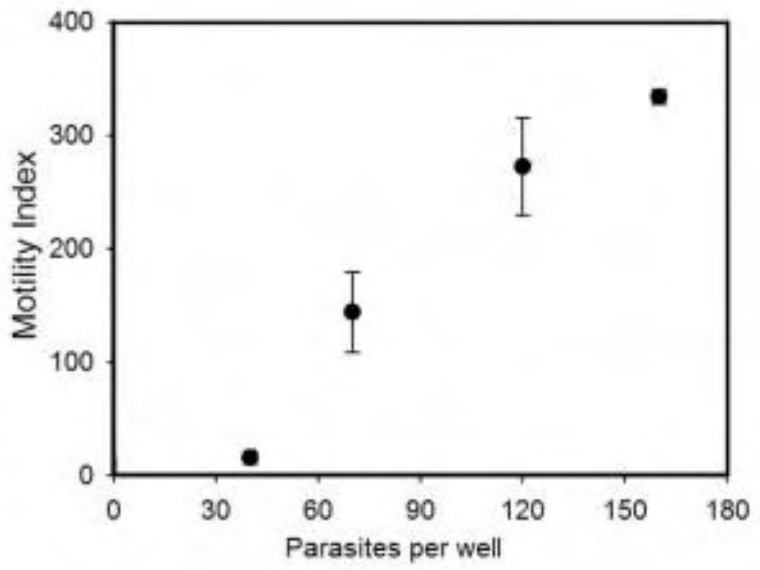




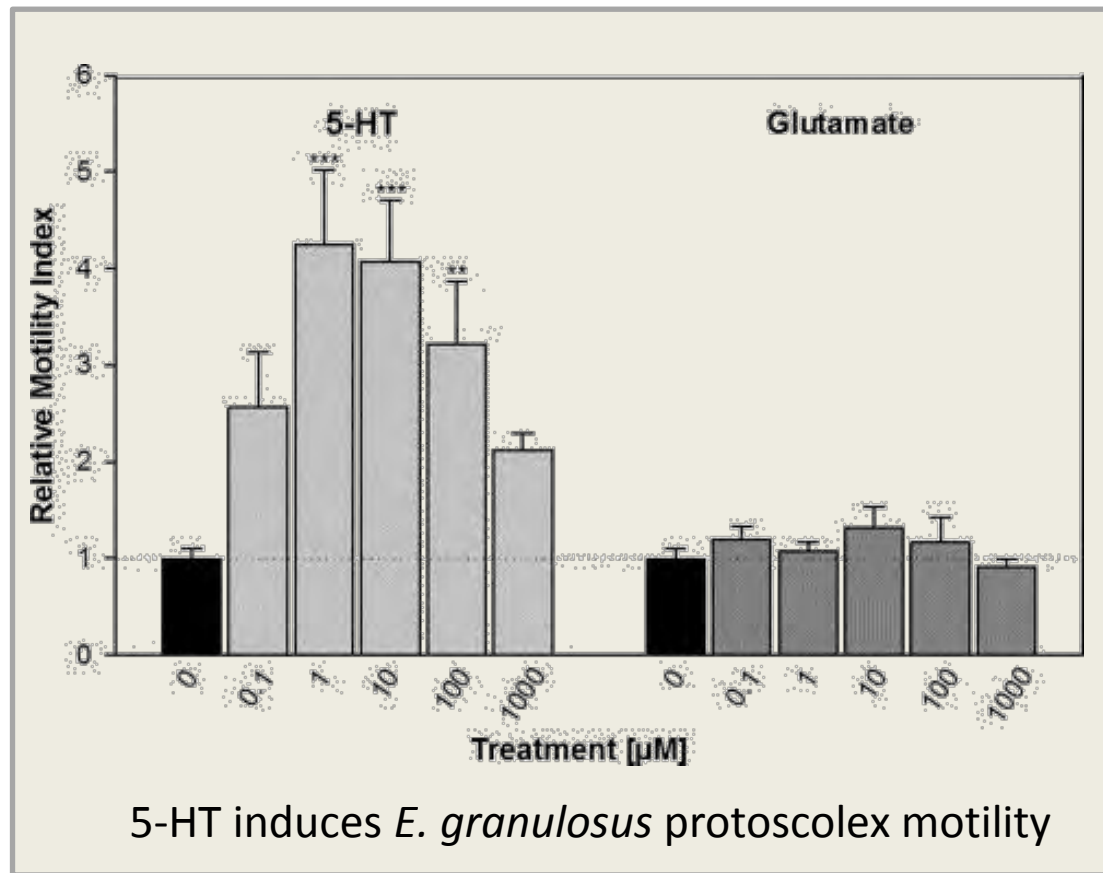
Echinococcus granulosus
protoescolices

Size: 0.1mm

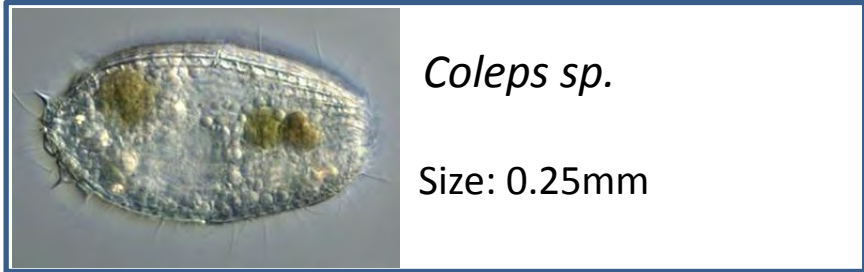
Detection linearity



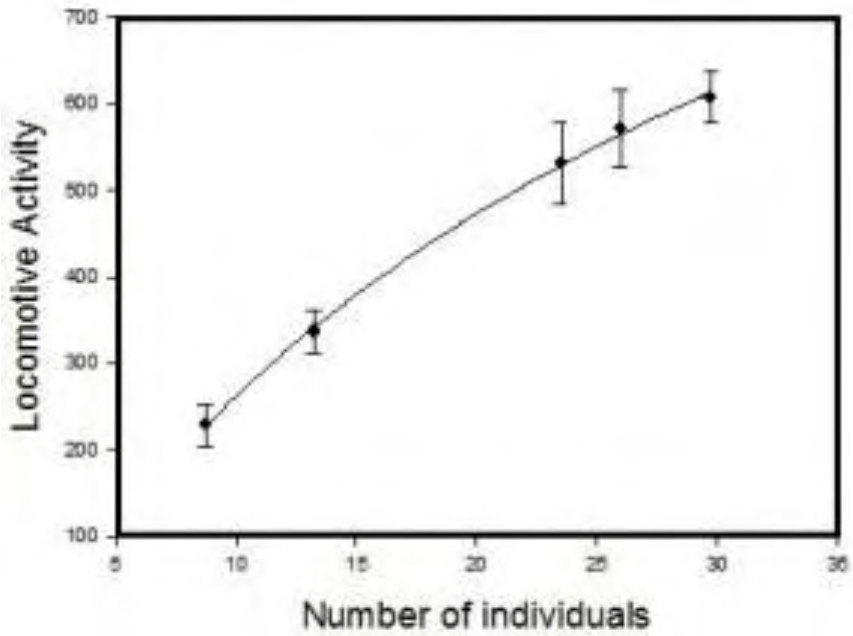
Assay validation



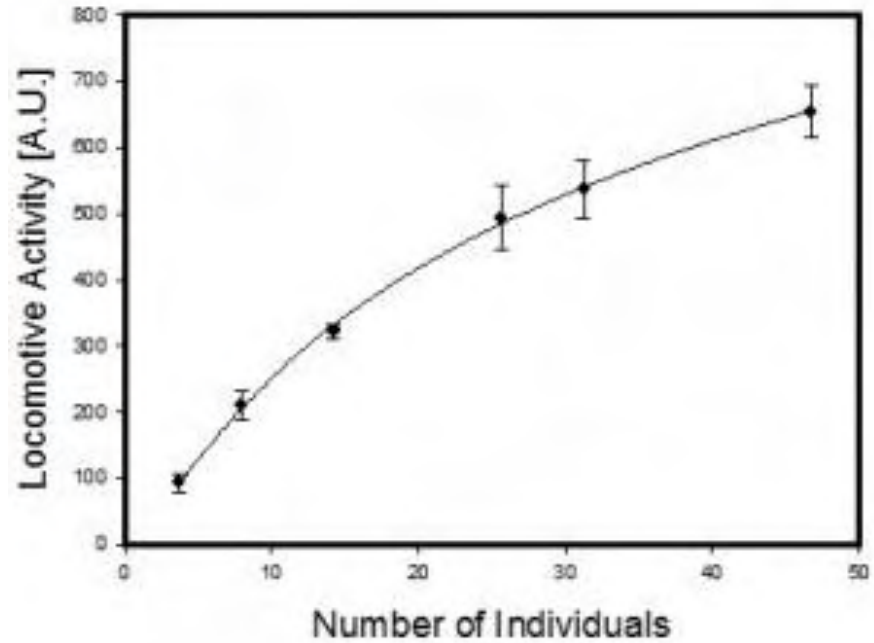
5-HT induces *E. granulosus* protoescolix motility



Detection linearity



Detection linearity



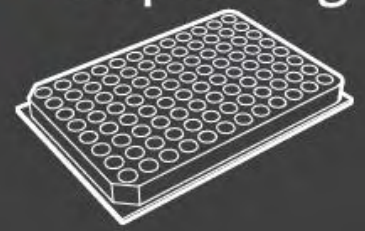
Animal suspension

1



2

Microplate dispensing



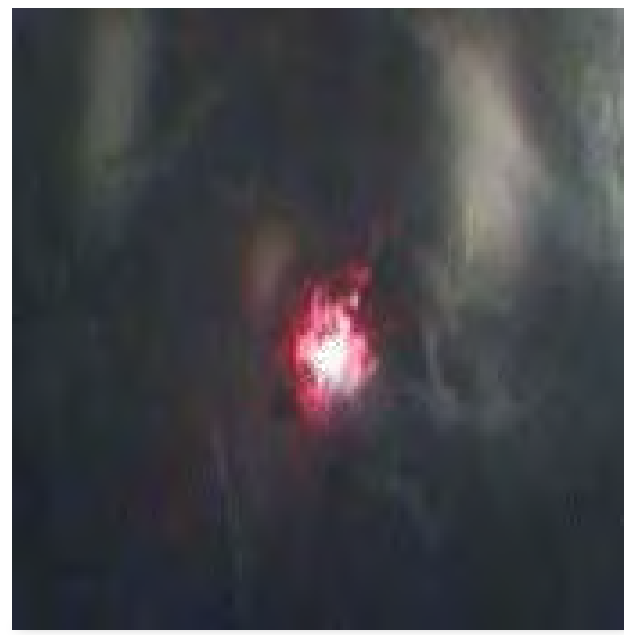
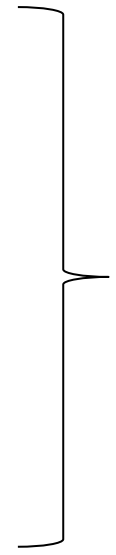
3

Automatic measurement



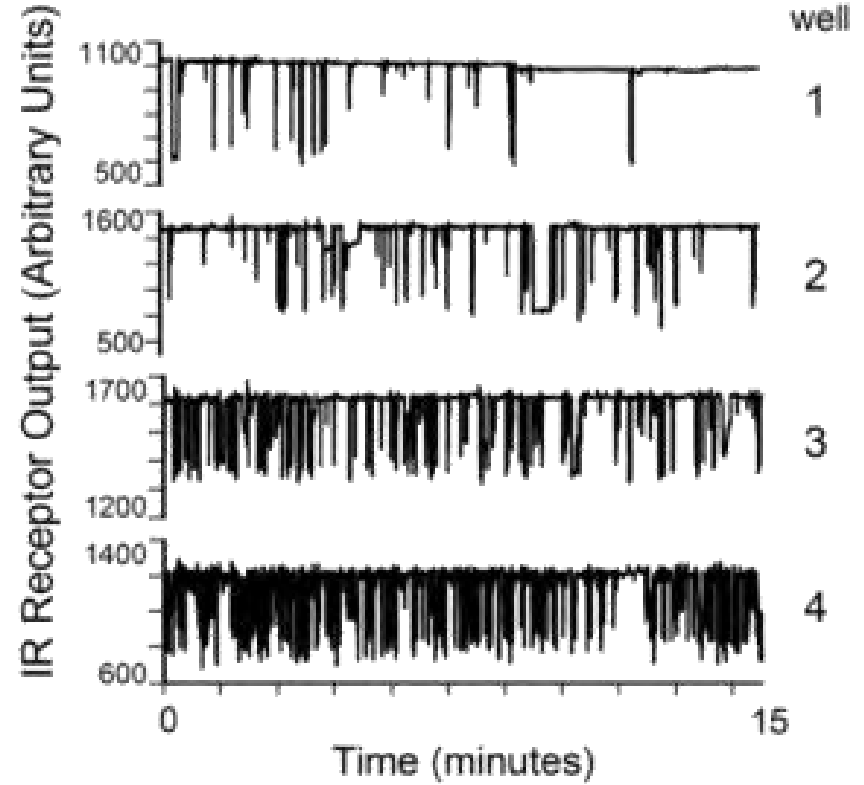
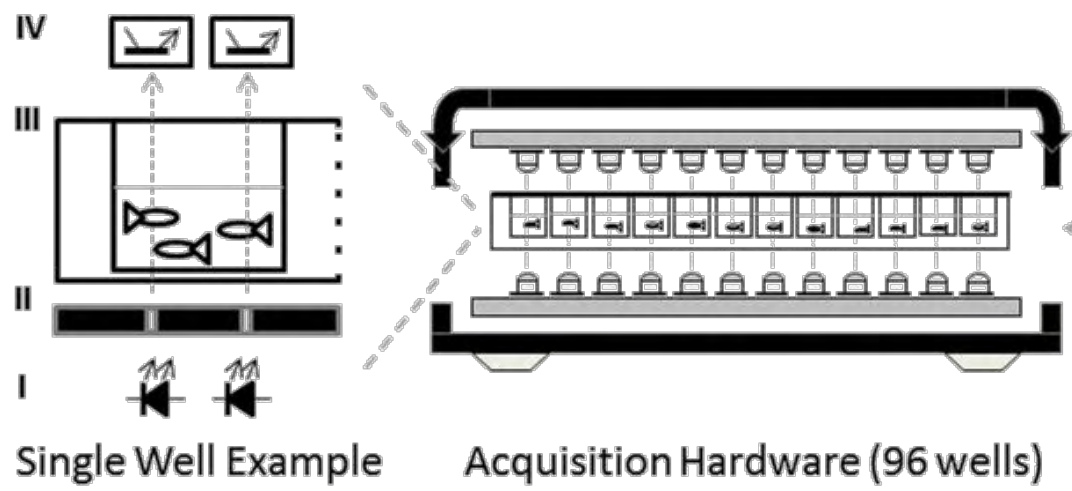
using

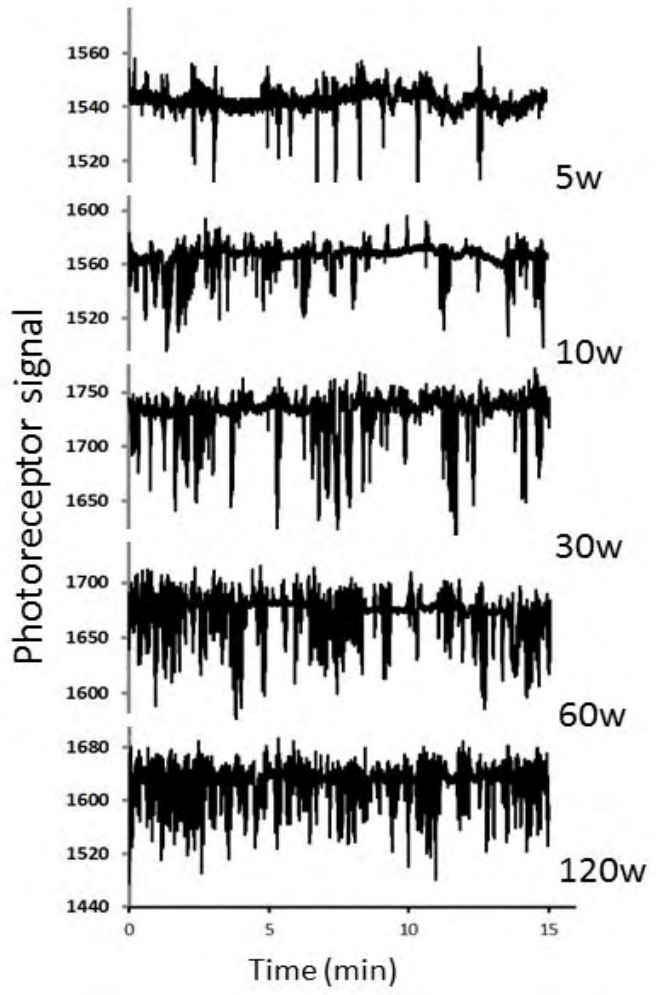
WMicrotracker



[File Link..](#)

384 channels runs in parallel





C. elegans detection linearity

