

## University of Groningen

### Childhood-onset movement disorders

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CHILDHOOD-ONSET MOVEMENT DISORDERS:

mechanistic and therapeutic insights  
from *Drosophila melanogaster*

**Roald Alexander Lambrechts**

The research described in this thesis was performed at the Department of Cell Biology and the Department of Neurology of the University Medical Center Groningen, the Netherlands

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mechanistic and therapeutic insights  
from *Drosophila melanogaster*

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Prof. dr. E. Strauss



What a piece of work is man!  
How noble in reason! How infinite in faculty!  
In form and moving how express and admirable!

*(Hamlet; Act II, Scene ii 307-310)*



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	Pantothenate kinase-associated neurodegeneration
	North Sea progressive myoclonus epilepsy



