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The flatworm puzzle

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**The flatworm puzzle: uncovering the molecular basis
of the remarkable resilience and regenerative capacity
of *Macrostomum lignano*.**

PhD thesis

Magda Katarzyna Grudniewska – Lawton

The flatworm puzzle: uncovering the molecular basis of the remarkable resilience and regenerative capacity of *Macrostomum lignano*.

The work described in this thesis was conducted at the European Research Institute for the Biology of Ageing (ERIBA) University Medical Center Groningen, University of Groningen, Groningen, the Netherlands.

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 groningen

The flatworm puzzle

Uncovering the molecular basis of the remarkable resilience and regenerative capacity of *Macrostomum lignano*.

PhD thesis

to obtain the degree of PhD at the
 University of Groningen
 on the authority of the
 Rector Magnificus Prof. E. Sterken
 and in accordance with
 the decision by the College of Deans.

This thesis will be defended in public on
 Wednesday 6 September 2017 at 11.00 hours

by

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To my family: for their endless love, support and encouragement

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