Sleep and memory

Hagewoud, Roelina

Sleep and Memory

Behavioral and molecular consequences of sleep deprivation

ROELINA HAGEWOUD

The studies described in the present thesis were carried out at the Department of Molecular Neurobiology and the Department of Behavioral Physiology, University of Groningen, according to the requirements of the Graduate School of Science (Faculty of Mathematics and Natural Sciences, University of Groningen, The Netherlands) and were financially supported by the Netherlands Organisation for Scientific Research (NWO-Vidi grant 864.04.002 to Peter Meerlo).

The printing of this thesis was financially supported by the Graduate School of Science, Faculty of Mathematics and Natural Sciences and the University of Groningen.

Cover: Ed Perdok
Design: Niels Munnik and Roelina Hagewoud
Printed by: Ipskamp Printpartners, Enschede

RIJKSUNIVERSITEIT GRONINGEN

Sleep and Memory

Behavioral and molecular consequences of sleep deprivation

Proefschrift

ter verkrijging van het doctoraat in de
Wiskunde en Natuurwetenschappen
aan de Rijksuniversiteit Groningen
op gezag van de
Rector Magnificus, dr. F. Zwarts,
in het openbaar te verdedigen op
vrijdag 3 december 2010
om 13:15 uur

door

Roelina Hagewoud
geboren op 8 maart 1984
te Meppel

Promotor:	Prof. dr. J. M. Koolhaas
Copromotor:	Dr. P. Meerlo
Beoordelingscommissie:	Prof. dr. T. Abel Prof. dr. B. Roozendaal Prof. dr. E.J.W. van Someren

ISBN: 978-90-367-4631-1
978-90-367-4632-8 (digital version)

CONTENTS