

Nurturing nature : testing the three-hit hypothesis of schizophrenia Daskalakis, N.

## Citation

Daskalakis, N. (2011, December 8). *Nurturing nature : testing the three-hit hypothesis of schizophrenia*. Retrieved from https://hdl.handle.net/1887/18195

Version:	Corrected Publisher's Version
License:	Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden
Downloaded from:	<u>https://hdl.handle.net/1887/18195</u>

Note: To cite this publication please use the final published version (if applicable).

## **Table of Contents**

Chapter 1 General Introduction	9
Chapter 2 The newborn rat's stress system readily habituates to repeated and prolonged maternal separation, while continuing to respond to stressors in context dependent fashion.	51
Chapter 3 Beyond maternal absence: evidence for the role of peers and non-shared stressful experience in mediating the development of a fearful phenotype	75
Chapter 4 Testing the three-hit hypothesis of schizophrenia: ACTH hyper-reactivity and schizophrenia-like endophenotypes co-precipitate in genetically- susceptible rats following early-life adversity and post-weaning social isolation experiences	99
Chapter 5 Testing the cumulative stress and mismatch hypotheses of psychopathology in a rat model of early-life adversity	141
Chapter 6 General Discussion	165
Addendum Environmental and tactile stimulation modulates the neonatal handling effect on adult rat spatial memory.	185
Summary	205
Abbreviations	
Acknowledgements	
Publications	225