



Universiteit
Leiden
The Netherlands

Transcriptome profiling of infectious diseases and cancer in zebrafish

Ordas, A.K.

Citation

Ordas, A. K. (2010, June 29). *Transcriptome profiling of infectious diseases and cancer in zebrafish*. Retrieved from <https://hdl.handle.net/1887/15734>

Version: Not Applicable (or Unknown)

License: [Leiden University Non-exclusive license](#)

Downloaded from: <https://hdl.handle.net/1887/15734>

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

Transcriptome profiling of infectious diseases and cancer in zebrafish

PROEFSCHRIFT

ter verkrijging van
de graad van Doctor aan de Universiteit Leiden,
op gezag van de Rector Magnificus prof. mr. P.F. van der Heijden,
volgens besluit van het College voor Promoties
te verdedigen op dinsdag 29 juni 2010
klokke 10:00 uur

door

Anita Katalin Ordas
geboren te Szeged, Hungary
in 1980

Promotiecommissie

Promotor: Prof. dr. H.P. Spaink

Co-promotor: Dr. A.H. Meijer

Overige leden: Prof. dr. C.J. ten Cate

Prof. dr. J. den Hertog

Prof. dr. J. Memelink

Prof. dr. B. van de Water

Prof. dr. N.S. Foulkes (University of Heidelberg)

Dr. M. Mink (University of Szeged)

ISBN: 978-90-8570-579-6

Printed by Wöhrmann Print Service, Zutphen

Go where the science takes you

Contents

Chapter 1	7
General introduction	
Chapter 2	29
Deep sequencing of the zebrafish transcriptome response to mycobacterium infection	
Chapter 3	57
Deep sequencing of the innate immune transcriptomic response of zebrafish embryos to Salmonella infection	
Chapter 4	77
MicroRNA expression during bacterial infections in zebrafish	
Chapter 5	115
Liver tumor-related microRNA expression is conserved between zebrafish and human	
Chapter 6	143
Summary and General discussion	
Samenvatting	151
Összefoglaló	159
Curriculum vitae	165
List of publications	166

