



Universiteit
Leiden
The Netherlands

Heme biosynthesis and regulation in the filamentous fungus *Aspergillus niger*

Franken, A.C.W.

Citation

Franken, A. C. W. (2013, December 17). *Heme biosynthesis and regulation in the filamentous fungus *Aspergillus niger**. Retrieved from <https://hdl.handle.net/1887/22939>

Version: Corrected Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/22939>

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

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/22939> holds various files of this Leiden University dissertation.

Author: Franken, Adriana Cornelia Wilhelmina

Title: Heme biosynthesis and regulation in the filamentous fungus *Aspergillus niger*

Issue Date: 2013-12-17

**Heme biosynthesis and regulation in
the filamentous fungus
*Aspergillus niger***

Angelique Franken

Heme biosynthesis and regulation in the filamentous fungus *Aspergillus niger*

Proefschrift

ter verkrijging van
de graad van Doctor aan de Universiteit Leiden,
op gezag van Rector Magnificus prof.mr. C.J.J.M. Stolker,
volgens besluit van het College voor Promoties
te verdedigen op dinsdag 17 december 2013
klokke 15:00 uur

door

Adriana Cornelia Wilhelmina Franken

Geboren te Wouw
in 1979

Promotie commissie

Promoteren: Prof. Dr. Peter J. Punt
Prof. Dr. Cees A.M.J.J. van den Hondel

Co-promoter: Dr. Ing. Sandra de Weert

Overige leden: Prof. Dr. Isabel W.C.E. Arends (*Technische universiteit Delft*)
Prof. Dr. Carel J. ten Cate
Assoc. Prof. Dr. Hubertus Haas (*Universität Innsbrück*)
Prof. Dr. Paul J.J. Hooykaas

Cover: *A. niger* Δ *hemA* grown on MM containing hemin and ammonium

Printed by: GVO drukkers & vormgevers B.V. | Ponsen & Looijen

ISBN/EAN: 978-90-6464-709-3

*“ A journey of a
Thousand miles
Must begin with
One single step”
(Lao Tzu)*

Voor mijn ouders

