

(Anti-) TNF alpha matters in rheumatoid arthritis

Carla A. Wijbrandts

Wijbrandts, Carla Ann

(Anti-) TNF alpha matters in rheumatoid arthritis

Thesis, Academic Medical Center, University of Amsterdam

ISBN: 978-90-8559-586-1

© 2009 C.A. Wijbrandts, Amsterdam, The Netherlands

Printed by OPTIMA grafische communicatie, Rotterdam, The Netherlands.

Coverdesign by J. de Winter

The research presented in this thesis was performed at the Division of Clinical Immunology and Rheumatology, Academic Medical Center, University of Amsterdam, Amsterdam, the Netherlands.

The research projects were financially supported by ZonMW (grant number 945-02-029), ABBOTT Laboratories and Centocor, the European Community's FP6 funding (Autocure), and the Innovation Oriented research Program (IOP) on Genomics and Centre for Medical Systems Biology (a center of excellence approved by the Netherlands Genomics Initiative/Netherlands Organization for Scientific Research).

No part of this thesis may be reproduced, stored or transmitted in any way or by mean, without prior permission of the author. A digital version of this thesis can be found at <http://dare.uva.nl>

(Anti-) TNF alpha matters in rheumatoid arthritis

ACADEMISCH PROEFSCHRIFT

Ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam
op gezag van de Rector Magnificus
prof. dr. D. C. van den Boom
ten overstaan van een door het college voor promoties
ingestelde commissie,

in het openbaar te verdedigen in de Agnietenkapel
op donderdag 5 november 2009, te 10:00uur

door

Carla Ann Wijbrandts

geboren te Amsterdam

PROMOTIECOMMISSIE:

Promotor: Prof. dr. P.P. Tak

Overige Leden: Prof. dr. L. v.d. Putte
Prof. dr. T. van der Poll
Dr. N. de Vries
Dr. G. J. Wolbink
Prof. dr. R. J. M. ten Berge
Prof. dr. J. F. W. M. Bartelsman

Faculteit der Geneeskunde, Universiteit van Amsterdam

"The truth is that an instant of real love, in the heart of anyone - the noblest man alive or the most wicked - has the whole purpose and process and meaning of life within the lotus-folds of its passion."

(*Shantaram*, Gregory David Roberts)

Aan Eline en mijn familie