Mannose-binding lectin: The Dr. Jekyll and Mr. Hyde of the innate immune system.

Bouwman, L.H.

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CURRICULUM VITAE

The author of this thesis was born on January 18th 1974 in Belfast, United Kingdom. With his parents he moved to The Netherlands where he followed his secondary school at the Prins Willem van Oranje MAVO in Krimpen aan den IJssel and the Comenius College in Capelle aan den IJssel. After having graduated from the atheneum in 1993 he joined the Royal Dutch Navy and attended the Royal Dutch Naval Academy in Den Helder. Having successfully passed the practical Royal Dutch Marine Corps officers training in 1996, he began to study Biomedical Science at the University of Leiden in that same year. In 2001 the author received his masters degree having completed his graduation project at the Nephrology department of the Leiden University Medical Center. His graduation project included complement system research and was supervised by Professor M.R. Daha and Dr. A. Roos. For this work he received the "Dick Held" junior research prize of the Royal Dutch Medical Association. In 1998 the author was admitted to medical school at the University of Leiden. In 2000 he received his medical masters degree (*cum laude*) and in 2002 he qualified as a Medical Practitioner (*cum laude*). Before embarking on his research project that evolved in this thesis, the author worked as a surgical senior house officer in the Accident and Emergency department of the Leiden University Medical Center. Currently he is a surgical resident at that same hospital (Head: Professor J.H. van Bockel). Furthermore, the author is presently a member of the editorial board of the *World Journal of Gastoenterology*.

LIST OF ABBREVIATIONS

ANOVA	analysis of variance
AP	alternative pathway
BSA	bovine serum albumin
CDR	C-terminal carbohydrate-recognition domain
CP	classical pathway
CSI	clinically significant infections
ELISA	enzyme linked immunosorbent assay
GVB	gelatin veronal buffer
I/R	ischemia/reperfusion
LP	lectin pathway
mAb	monoclonal antibody
MAC	membrane attack complex
MASP	MBL-associated serine protease
MBL	mannose-binding lectin
MILR	mixed islet/lymphocyte reaction
MLR	mixed lymphocyte reaction
MP	MBL pathway
OLA	oligonucleotide ligation assay
OLT	orthotopic liver transplantation
p60	protein 60 of *Listeria monocytogenes*
PBMC	peripheral blood mononuclear cells
PBS	phosphate buffered saline
PCR	polymerase chain reaction
R	correlation coefficient
RF	rheumatoid factor
SLE	systemic lupus erythematosus
SNP	single nucleotide polymorphism
SNPs	single nucleotide polymorphisms
T1D	type 1 Diabetes Mellitus