



Universiteit
Leiden
The Netherlands

Vaccination against atherosclerosis

Es, T. van

Citation

Es, T. van. (2009, January 29). *Vaccination against atherosclerosis*. Retrieved from <https://hdl.handle.net/1887/13450>

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/1887/13450>

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

List of abbreviations

Thomas van Es

LIST OF ABBREVIATIONS

-/-	homozygous knock out
36B4	acidic ribosomal phosphoproteinP0
β2GPI	β2-glycoprotein I
Ab	antibody
ACS	acute coronary syndromes
APC	antigen presenting cell
apoE/apoB	apolipoprotein E/apolipoprotein B
BM	Bone marrow
BMT	Bone marrow transplantation
CC/CXC	chemokine
CCL/CXCL	chemokine ligand
CD	cluster of differentiation
CETP	cholesteryl ester transfer protein
CIA	collagen induced arthritis
CMV	Cytomegalovirus
conA	concanavalin A
CTL	cytotoxic T lymphocyte
CTLA	cytotoxic T-lymphocyte antigen
CTX-I	cardiotoxin I
CVD	cardiovascular disease
DC	dendritic cell
EAE	experimental acquired encephalomyelitis
EBI3	Epstein-Barr virus induced gene 3
ECM	Extracellular matrix
ELISA	enzyme-linked immunosorbent assay
FACS	fluorescent-activated cell sorting
Foxp3	forkhead box p3
GC	germinal center
(e)GFP	(enhanced) green-fluorescent protein
GTC	guandium isothiocyanate
HDL	high-density lipoprotein
HEL	hen egg-white lysozyme
HPRT	hypoxanthine phosphoribosyl transferase
HSP	heat shock protein
imDC	immature dendritic cell
i.m.	intra muscular
i.p.	intra peritoneal
iTreg	inducible regulatory T cell

i.v.	intravenous
ICAM-1	intercellular adhesion molecule-1
IFN	interferon
Ig	immunoglobulin
IL	interleukin
IL-.R	interleukin . receptor
imDC	immature dendritic cell
JAM-1	junctional adhesion molecule-1
LDL	low-density lipoprotein
LDLr	low-density lipoprotein receptor
LFA-1	lymphocyte function associated antigen-1
LPS	lipopolysaccharide
MCP-1	monocyte chemotactic protein
M-CSF	macrophage colony stimulating factor
MDA-LDL	malondialdehyde modified LDL
mDC	mature dendritic cell
MHC	major histocompatibility complex
MMP	matrix metalloproteinase
NF- κ B	nuclear factor κ B
NK cell	natural killer cell
NKT cell	natural killer T cell
oxLDL	oxidized low-density lipoprotein
PAMP	pathogen-associated molecular pattern
PBS	phosphate buffered saline
PBMC	peripheral blood mononuclear cell
PCR	polymerase chain reaction
PC	phosphatidyl choline
PE	phosphatidyl ethanolamine
PECAM	platelet endothelial cell adhesion molecule
PGE ₂	prostaglandin E ₂
PRR	pattern recognition receptor
qPCR	quantative polymerase chain reaction(also RT-PCR)
RA	rheumatoid arthritis
RAG	recombination activating gene
SCID	severe combined immunodeficient
s.i.	Stimulation index
SMC	smooth muscle cell
SNP	single nucleotide polymorphism
SOCS	suppressor of cytokine signaling
ScR	scavenger receptor

STAT	signal transducers and activators of transcription
T β RII	transforming growth factor β receptor II
TCR	T cell receptor
TGF	transforming growth factor
Th1/Th2/Th3/Th17	T helper 1/T helper 2/T helper 3/T helper 17
TLR	Toll-like receptor
TNF	tumor necrosis factor
Tr1	regulatory T cell type 1
Treg	regulatory T cell
VCAM-1	vascular cell adhesion molecule-1
VEGF (R)	vascular endothelial growth factor (receptor)
VLA-4	very late antigen-4
VLDL	very low-density lipoprotein
vSMC	vascular smooth cell

