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Vaccination against atherosclerosis

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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 |

