

VU Research Portal

The functional consequences of glycosylation on dendritic cell biology

Bax, M.

2010

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Bax, M. (2010). *The functional consequences of glycosylation on dendritic cell biology*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam].

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

Abbreviations

Ag	Antigen
AML	Acute myeloid leukaemia
APC	Antigen presenting cell
Asn	Asparagine
BCR	B-cell receptor
BM-DC	Bone marrow-derived DC
CRD	Carbohydrate recognition domain
CDG	Congenital disorders of glycosylation
CTL	Cytotoxic T lymphocytes
CLR	C-type lectin receptor
CFG	Consortium for Functional Glycomics
DC	Dendritic cell
DC-SIGN	Dendritic cell-specific ICAM-3 grabbing non-integrin
EGF	Epidermal growth factor
ELISA	Enzyme-linked immuno sorbent assay
Endo-N	Endo-neuraminidase
ER	Endoplasmic reticulum
Fuc	Fucose
Gal	Galactose
GalNAc	N-acetylgalactosamine
GBS	Guillan-Barré syndrome
Glc	Glucose
GlcA	Glucuronic acid
GlcNAc	N-acetylglucosamine
HCV	Hepatitis C virus
HIV	Human immunodeficiency virus
iDC	Immature DC
IdoA	Iduronic acid
I-type lectin	Immunoglobulin-type lectins
Ig	Immunoglobulin
ITAM	Immunoreceptor tyrosine-based activation motif
ITIM	Immunoreceptor tyrosine-based inhibition motif
KLH	Keyhole limpet hemocyanin
LOS	Lipo-oligosaccharides
LPS	Lipo-polysaccharide
Man	Mannose
mDC	Mature DC
MGL	Macrophage galactose-type lectin
MHC	Major histocompatibility complex
MS	Mass spectrometry
mSiglec-E	Murine Siglec-E
MR	Mannose receptor

OVA	Ovalbumin
PAA	Polyacrylamide
PAMP	Pathogen-associated molecular pattern
PAPS	3'phosphoadenosine 5'-phosphosulfate
PBL	Peripheral blood lymphocytes
PolySia	Polysialic acid
Pro	Proline
PRR	Pattern recognition receptor
PRRS	Porcine reproductive and respiratory syndrome virus
Xyl	Xylose
RT-PCR	Quantitative real time polymerase chain reaction
S	Sulfate
SARS	Severe acute respiratory syndrome coronavirus
Ser	Serine
Sia	Sialic acid
Siglecs	Sialic acid binding Ig-like lectins
ST	Sialyl T antigen
STn	Sialyl Tn antigen
TCR	T cell receptor
Th	T-helper
Thr	Threonine
TLR	Toll-like receptor
Treg	Regulatory T cell