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Changing images of cytomegalovirus infection

Maar, Eltjo Fredericus de

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Changing Images of Cytomegalovirus Infection

Eltjo F. de Maar

Rijksuniversiteit Groningen

Changing Images of Cytomegalovirus Infection

Proefschrift

ter verkrijging van het doctoraat in de
Medische Wetenschappen
aan de Rijksuniversiteit Groningen
op gezag van de
Rector Magnificus Dr. F. Zwarts
in het openbaar te verdedigen op
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door

Eltjo Fredericus de Maar

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te Groningen

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LIST OF ABBREVIATIONS

AIDS	Acquired Immune Deficiency Syndrome
ATG	Anti Thymocyte Globulin
BAL	Bronchoalveolar Lavage
BMT	Bonemarrow Transplantation
CD4	Cluster of Differentiation 4
CD8	Cluster of Differentiation 8
CEC	Cytomegalic Endothelial Cell circulating in peripheral blood
CIDP	Chronic Inflammatory Demyelinating Polyneuropathy
CMV	Cytomegalovirus
CMV LA	Cytomegalovirus Late Antigen
CO	Carbon monoxide
CrCl	Creatinine Clearance
CSF	Cerebrospinal Fluid
CTL	Cytotoxic T Lymphocyte
Da	Dalton
Dm	Membrane diffusion capacity
DNA	Deoxyribonucleic acid
DTPA	Diethylene Triamine Pentacetate (isotope)
EBV	Epstein Bar Virus
EC	Endothelial Cell circulating in peripheral blood
ELISA	Enzyme Linked Immunosorbent Assay
e-sel	endothelial selectin
FEV1	Forced Expiratory Volume in 1 second
GBS	Guillain Barré Syndrome
GVH	Graft Versus Host Disease
h	hour
HAV	Hepatitis A Virus
Hb	Hemoglobin
HBV	Hepatitis B Virus
HIV	Human Immunodeficiency Virus
HLA	Human Leukocyte Antigen
HSV	Herpes Simplex Virus
ICAM-1	Intercellular Adhesion Molecule 1

IEA	Immediate Early Antigen
IgG	Immunoglobulin G
IgM	Immunoglobulin M
IL 2	Interleukin 2
KCOc	Specific CO diffusion capacity corrected for Hb
LFA 3	Lymphocyte Functioning Antigen 3
LM-test	Lactulose-Mannitol test
M	Mycophenolate Mofetil, neoral and prednisolone
MHC	Major Histocompatibility Complex
MMF	Mycophenolate Mofetil
N	Neoral (cyclosporine microemulsion formula) and prednisolone
NASBA	Nucleic Acid Sequence-Based Amplification
NF-kB	Nuclear Factor kappa B
NK cells	Natural Killer cells
Nm	Nanometer
NO	Nitric Oxide
O ₂	Oxygen
OKT3	Monoclonal antibodies
PCP	Pneumocystis carinii
PCR	Polymerase Chain Reaction
Pmn	Polymorphonuclear neutrophil
POD	Postoperative Day
Pp65	Phosphoprotein 65
p-sel	Platelet selectin
Rantes	Regulated on activation normal T cell expressed and secreted
RNA	Ribonucleic acid
S	Sandimmune (cyclosporine) and prednisolon
SEM	Standard Error of the Mean
TLCOc	Hb corrected Transfer factor Lung for Carbon monoxide
TNF	Tumor Necrosis Factor
UNOS	United Network for Organ Sharing
USA	United States of America
VCAM-1	Vascular Cell Adhesion Molecule 1
Vcap	Pulmonary capillary blood volume
VCmax	Slow inspiratory Vital Capacity
VWF	Von Willebrand Factor
VZV	Varicella Zoster Virus