Natural adaptive immune responses in humans against Toxoplasma gondii and Herpes simplex virus type I
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List of Abbreviations

aa = amino acids
ACAI DD = anterior chamber associated immune deviation
Agg = agglutination assay
AH = aqueous humour
AI = acutely infected
AID = activation-induced cytidine deaminase
AP = ammonium sulphate precipitation
APC = antigen presenting cell
ARN = acute retinal necrosis syndrome
as = anti-sense
AS = ammonium sulphate
ASC = antibody secreting cell
BBB = blood brain barrier
BCR = B cell antigen receptor
BOB = blood ocular barrier
CALT/EALT/LDALT/NALT = conjunctiva/eye/lacrimal drainage/nasal associated lymphoid tissue
CCL/CXC CR = CC/CX C chemokine ligand
CC/CXC RR = CC/CX C chemokine receptor
CDR = complementary determining region
CFT = complement fixation test
CLN = cervical lymph node
CMI = cell-mediated immunity
CMIS = common mucosal immune system
CMV = cytomegalovirus
CRN = clinically non-relevant
CSF = cerebro-spinal fluid
DC = dendritic cell
Ds IgX = double sandwich IgX (X = IgM, A, or G)
ELISA
EIA = enzyme immuno-assay
ELISA = enzyme-linked immunosorbent assay
ER = endoplasmic reticulum
ESA = excreted/secreted antigens
Fas-L = Fas ligand
Fc = constant domain of heavy chain
FDC = follicular dendritic cell
GC = germinal center
gG = glycoprotein G
GM-CSF = granulocyte-macrophage colony-stimulating factor
GPI = glycosylphosphatidylinositol
Gra = granule
GST = glutathione S transferase
GWC = Goldmann-Witmer coefficient
HEV = high endothelial venules
HLA = human leukocyte antigen
HHV = human Herpes virus
HSV = Herpes simplex virus
IB = immunoblot
ICAM = intercellular adhesion molecule
IDR = immunodominant region
IEF = iso-electric focusing
IF = immunofluorescence
IFN = interferon
IgA/IgG/IgM = immunoglobulin A/G/M
IgV = variable domain of immunoglobulin
IL = interleukin
IOF = intraocular fluid
J = joining chain
LAP = latency associated peptide
LAT = latency associated transcription
LFA = leukocyte function-associated antigen
LG = lacrimal gland
LI = latently infected
LN = lymph node
LP = lamina propria
LP-DC = lamina propria dendritic cells
LPS = lipopolysaccharide
M = microfold
MadCAM = mucosal addressin cell adhesion molecule
MHC = major histocompatibility complex
MIS = mucosal immune system
MLN = mesenteric lymph node
n = native
NR = not reduced
o = ocular
OT = ocular toxoplasmosis
PC = phosphorylcholine
PCR = polymerase chain reaction
PDI = protein disulfide isomerase
PP = Peyers patches
PtC = phosphatidylcholine
r = recombinant
R = reduced
RAG = recombination activating gene
Rf = rheumatoid factor
RIP = radio immunoprecipitation
ROP = rhoptry
RT = reverse transcriptase
s = sense
SAG = surface antigen
SC = secretory component
SDF-1 = stromal-cell derived factor-1
SDS-PAGE = sodium dodecyl sulphate – polyacrylamide gel electrophoresis
Ser = serum
SF = Sabin-Feldman assay
sFas-L = soluble Fas ligand
sIgA = secretory IgA
SN = seronegative
SP = surface-proteins
STAT = signal transducer and activator of transcription
TCR = T cell receptor
TdT = terminal deoxydine transferase
TECK = thymus-expressed chemokine
Tg = Toxoplasma gondii
Th = T helper
TI = T cell independent
TLR = Toll-like receptor
TP = total protein
VCAM = vascular cell adhesion molecule-1
VDJ segment = variable-diversity-joining segment
VZV = Varicella zoster virus
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