

## 1 Table of Abbreviations

Ab	Antibody
AP	Alkaline phosphatase
APC	Antigen presenting cell
BCG	Bacillus Calmette et Guérin
BCR	B cell receptor
C57BL/6	C57BL/6 is the most widely used inbred mouse strain.
CD	Crohn's disease
CD-#	"Cluster of differentiation": international nomenclature for cell surface molecules (CD number)
CLP	Common lymphoid progenitor
CTL	Cytolytic (cytotoxic) T lymphocyte
Cy5	Cy-Chrome 5, fluorescent dye for FACS analysis
DNA	Deoxyribonucleic acid
DP	Double positive
EAE	Experimental autoimmune encephalitis
ER	Endoplasmic reticulum
FITC	Fluorescein, fluorescent dye for FACS analysis
H2	MHC locus in mice
HLA	MHC locus in man
HCG	Human chorionic gonadotropin
HSC	Hematopoietic stem cell
Hsp	heat shock protein
IBD	Inflammatory bowel disease
IFA	Incomplete Freund's adjuvans
IFN $\gamma$	Interferon $\gamma$
IL	Interleukin
IP	Immunoprecipitation
ISCOM	Immunostimulating complex
i.v.	intravenously
ITAM	Immunoreceptor tyrosine based activation motif

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LAT	Linker for activation of T cells
LCMV	Lymphocytic choriomeningitis virus
mAb	monoclonal antibody
MHC	Major histocompatibility complex
MS	Multiple sclerosis
NK	Natural killer
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
PE	Phyco-erythrin, fluorescent dye for FACS analysis
PI	Propidium iodide
PMS	Pregnant mare serum
PMSF	Phenylmethanesulphonyl fluoride, common protease inhibitor
PTK	Protein tyrosine kinase
PT $\alpha$	pre-T cell receptor $\alpha$
RA	rheumatoid arthritis
RAG	recombination activation gene protein
s.c.	subcutaneously
SCID	Severe combined immunodeficiency
SDS	Sodium dodecylsulphonate, common detergent
SH2	Src homology 2
TAP	Transporter associated with antigen presentation
TCR	T cell receptor
TdT	Terminal deoxynucleotidyl transferase
Th1	T helper cell type 1
Th2	T helper cell type 2
TLR	Toll-like receptor
TNF $\alpha$	Tumor necrosis factor $\alpha$
UC	Ulcerative colitis
ZAP-70	TCR $\zeta$ associated protein 70kd