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ABBREVIATIONS

ADC Albumin-dextrose-catalase

AFB Acid-fast bacilli

AIDS Aquired immunodeficiency syndrome

ATP Adenosine triphosphate

BCG Bacillus Calmette Guerin

bp Base pair (s)

C. albicans Candida albicans

Ca ²⁺ Calcium ion

cm Centimeter

CNS Central nervous system

CO₂ Carbon dioxide

CR Complement receptor

Cu Copper
Da Dalton

DD Death domain

DED Death effector domain

DOTS Directly Observed Treatment, Short-course

EDTA Ethylenediamine tetraacetic acid

ER Endoplasmic reticulum

FADD Fas-associated death domain-containing protein

h Hour (s)

H₂O₂ Hydrogen peroxide

HIV Human immuodeficiency virus

IFN-γ Gamma interferon

IL Interleukin

k Kilo

LAM Lipoarabinomannan

LJ Lowenstein-Jensen

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Molar M

Mycobacterium bovis M. bovis

Mycobacterium smegmatis M. smegmatis Mycobacterium tuberculosis M. tuberculosis

Mannose binding protein **MBP**

Multidrug resistant tuberculosis MDR-TB

Milligram mg Milliliter ml Minute min Millimeter

mm

Multiplicity of infection MOI

Nitric oxide NO

Oleic acid albumin-dextrose catalase OADC

 $^{\circ}C$ Degree celsius

Open reading frame **ORF**

Peripheral blood mononuclear cell **PBMC**

Phosphate buffer saline **PBS**

Polymerase chain reaction **PCR**

Propidium iodide PΙ Phosphatidyl serine PS

Restriction fragment length polymorphism **RFLP**

Reactive nitrogen intermediates **RNIs** Reactive oxygen intermediates **ROIs**

Standard error of the mean SE

Surfactant protein A Sp-A

Tuberculosis TB

Toll-like receptor TLR

Tumor necrosis factor **TNF**

Tumor necrosis factor receptor **TNFR**

Tumor necrosis factor receptor-associated factor **TRAF**

Tumor necrosis factor-related apoptosis inducing ligand **TRAIL**

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Ultraviolet UV

Weight/volume w/v

White blood cell **WBC**

World Health Organization WHO 2/2

Zinc Zn

Micro μ

Microgram μg

Microliter μ l

