

List of Abbreviations and Symbols

Adeno Associated Virus	: AAV
Antibody	: Ab
Atomic Force Microscopy	: AFM
Antigen	: Ag
Alanine Transaminase	: ALT
Analysis of Variance	: ANOVA
Antigen Presenting Cells	: APCs
Aqueous/ Organic ratio	: Aq/Org ratio
Central Composite Design	: CCD
Chronic Hepatitis B	: CHB
Centimeter	: cm
counts per minute	: cpm
Cytotoxic T-Lymphocyte	: CTL
Dichloromethane	: DCM
Dendritic Cells	: DCs
Entrapment Efficiency	: EE
Enzyme-Linked Immunosorbent Assay	: ELISA
Fluorescence Activated Cell Sorting	: FACS
Gram	: g
Hour	: hr
Hepatitis B	: HB
Hepatitis B Virus	: HBV
Hepatitis B core Antigen	: HBcAg
Hepatitis B envelope Antigen	: HBeAg
Hepatitis B surface Antigen	: HBsAg
Hepatitis B surface Antigen Nanoparticles	: HBsAg NPs
Human Leukocyte Antigen	: HLA
High Performance Liquid Chromatography	: HPLC
Homogenizer Speed	: HS
Interferon	: IFN
Immunoglobulin A	: IgA
Immunoglobulin G	: IgG

Interleukin	: IL
Intra Muscular	: I.M.
Intra Nasal	: I.N.
Intra Peritoneal	: I.P.
Intra Venous	: I.V.
kilo Dalton	: kDa
Milligram	: mg
Major Histocompatibility Complex	: MHC
Minute	: Min
million International Units	: mIU
Milliliter	: mL
Millimole	: mM
Millimeter	: mm
Molecular Weight	: mol. Wt.
Millivolt	: mV
Nanogram	: ng
Natural Killer Cells	: NKCs
Nanometer	: nm
Nanoparticles	: NPs
Polyacrylamide Gel Electrophoresis	: PAGE
Peripheral Blood Mononuclear Cells	: PBMCs
Polymerase Chain Reaction	: PCR
Poly Dispersity Index	: PDI
Poly (D,L-lactic-co-glycolide)	: PLGA
Particle Size	: PS
Phosphate Buffer Saline	: PBS
Poly Vinyl Alcohol	: PVA
Roswell Park Memorial Institute	: RPMI
Response Surface Methodology	: RSM
Correlation Coefficient	: R ²
Standard Deviation	: SD
Scanning Electron Microscopy	: SEM
Stimulation Index	: SI

Transmission Electron Microscopy	: TEM
Tumor Necrosis Factor Alpha	: TNF α
T helper Cell	: Th cell
Tetanus Toxoid	: TT
World Health Organization	: WHO
Water in Oil	: W/O
Water in Oil in Water	: W/O/W
Percentage	: %
Degree Celsius	: $^{\circ}\text{C}$
Micron	: μ
Microgram	: μg
Micrometer	: μm
Wavelength maxima	: λ_{max}
weight/weight	: w/w
weight/volume	: w/v
volume/volume	: v/v