

ABBREVIATIONS

Abbreviations	Name
μg	Microgram
μl	Microlitre
μM	Micromolar
°C	degree Celsius
Amp	Ampicillin
bp	Base pair
BLG	β-lactoglobulin
BLAST	Basic Local Alignment Search Tool
BSH	Bile salt hydrolase
Caco-2	human colorectal adenocarcinoma
CFU	Colony forming units
chi-BMDC	Chicken bone marrow dendrite cell
conc.	Concentration
CMC	Carboxymethyl cellulose
CVDs	Cardiovascular diseases
d	Day
DC	Dendritic cell
dNTPs	Deoxynucleotide triphosphates
DNS	3, 5-dinitrosalicylic acid
DPPH	2,2-diphenyl-1-picrylhydrazyl
DRL	Defense Research Laboratory
DTT	Dithiothreitol
EDTA	Ethylenediaminetetraacetic acid
EtBr :	Ethidium bromide
EPS	Exopolysaccharides
FAO	Food and Agriculture Organization
FBS	fetal bovine serum
FPU	Filter paper unit
GCA	Glycocholic acid
GDCA	Glycodeoxycholic acid

GIT	Gastrointestinal tract
gL ⁻¹	Gram per litre
GPCR	G protein-coupled receptor
GRAS	Generally Recognized as Safe
h	Hour
HDL	High density lipoprotein
HFD	Hypercholesterolaemic diet
HDAC	Histone deacetylase
IMTECH	Institute of Microbial Technology
IPTG	Isopropyl β-D-1-thiogalactopyranoside
Kda	Kilo dalton
kbp	Kilo basepair
LAB	Lactic acid bacteria
LBA	Luria Bertani agar
LDL	Low density lipoprotein
MEM	Minimum Essential Medium
min	Minute
ml	Millilitre
mM	Millimolar
MRS	de Man, Rogosa and Sharpe
MSM	Mineral Salt Medium
MTCC	Microbial Type Culture Collection
NCBI	National Centre of Biotechnology information
NCCS	National Centre for Cell Science
ND	Normal diet
NJ	Neighbor joining
nm	Nanometer
OD	Optical Density
OTC	over-the-counter
ONPG	ortho-Nitrophenyl-β-galactoside
PBS	Phosphate buffered saline
PCR	Polymerase Chain Reaction

pI	Isoelectric point
rpm	Rotation per minute
RT	Room Temperature
RSA	radical scavenging activity
SCFA	Short chain fatty acid
sec	Second
SDS	Sodium dodecyl sulfate
SEM	Scanning electron microscope
SGF	Simulated gastric fluid
SIF	Simulated intestinal fluid
spp	Species
TAG	Triglycerides
TAE	Tris-Cl, Acetic Acid and EDTA
TC	Total cholesterol
TCA	Taurocholic acid
TDCA	Taurodeoxycholic acid
TGF- β	Transforming growth factor β
TLR	Toll- like receptors
Treg	Regulatory T cell
VLDL	Very low density lipoprotein
U/ml	Unit per millilitre
X-gal	5-bromo-4-chloro-3-indolyl- β -D-galactosidase
